

July 27, 2022

QuadVantage Technology, Inc.



Form C EXHIBITS

EXHIBIT A
AUDIT REPORT

Quadvantage Technology, Inc.
A Delaware Corporation

Financial Statements and Independent Auditor's Report
December 31, 2021 and 2020

QUADVANTAGE TECHNOLOGY, INC.

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To the Board of Directors of
Quadvantage Technology, Inc.
Raleigh, North Carolina

INDEPENDENT AUDITOR'S REPORT

Opinion

We have audited the accompanying financial statements of Quadvantage Technology, Inc. (the "Company"), which comprise the balance sheets as of December 31, 2021 and 2020, and the related statements of operations, changes in stockholders' deficit, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2021 and 2020, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Substantial Doubt About the Company's Ability to Continue as a Going Concern

The accompanying financial statements have been prepared assuming that the Company will continue as a going concern. As described in Note 3 to the financial statements, the Company has not generated revenues or profits since inception, has sustained net losses of \$1,222,273 and \$536,739 for the years ended December 31, 2021 and 2020, respectively, and has incurred negative cash flows from operations for the years ended December 31, 2021 and 2020. As of December 31, 2021, the Company had an accumulated deficit of \$2,581,164, limited liquid assets with cash of \$6,943, current liabilities in excess of current assets by \$1,775,880, and the Company had not made loan and interest payments on various loan obligations that came due during the year ended December 31, 2021. These factors, among others, raise substantial doubt about the Company's ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 3. The financial statements do not include any adjustments that might result from the outcome of this uncertainty. Our opinion is not modified with respect to this matter.

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Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date that the financial statements are available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements, including omissions, are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Artesian CPA, LLC

Artesian CPA, LLC

Denver, Colorado

June 20, 2022

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QUADVANTAGE TECHNOLOGY, INC.**BALANCE SHEETS**

As of December 31, 2021 and 2020

| | <u>2021</u> | <u>2020</u> |
|---|--------------------|-------------------|
| ASSETS | | |
| Current Assets: | | |
| Cash and cash equivalents | \$ 6,943 | \$ 3,829 |
| Inventory | 5,543 | 90,009 |
| Prepaid expenses | 8,426 | 8,715 |
| Total Current Assets | <u>20,912</u> | <u>102,553</u> |
| Non-current Assets: | | |
| Related party notes receivable | 2,348 | - |
| Property and equipment, net | 1,906 | 95,002 |
| Total Non-current Assets | <u>4,254</u> | <u>95,002</u> |
| TOTAL ASSETS | <u>\$ 25,166</u> | <u>\$ 197,555</u> |
| LIABILITIES AND STOCKHOLDERS' DEFICIT | | |
| Current Liabilities: | | |
| Accounts payable | \$ 498,140 | \$ 52,374 |
| Accounts payable and accrued expenses, related parties | 613,606 | 381,455 |
| Related party notes payable, current portion | 232,354 | - |
| Interest payable, current portion | 107,692 | 91,072 |
| Convertible notes payable, current portion | 345,000 | 75,000 |
| Total Current Liabilities | <u>1,796,792</u> | <u>599,901</u> |
| Long-term Liabilities: | | |
| Related party notes payable, net of current portion | 90,000 | 232,354 |
| Interest payable, net of current portion | 9,617 | 33,880 |
| Convertible notes payable, net of current portion | 105,000 | 290,000 |
| Total Long-term Liabilities | <u>204,617</u> | <u>556,234</u> |
| Total Liabilities | <u>2,001,409</u> | <u>1,156,135</u> |
| Stockholders' Deficit: | | |
| Class A common stock: \$0.001 par, 8,000,000 shares authorized, 1,500,000 shares issued and outstanding as of both December 31, 2021 and 2020 | 1,500 | 1,500 |
| Class B common stock: \$0.001 par, 3,000,000 shares authorized, 1,506,329 shares issued and outstanding as of both December 31, 2021 and 2020 | 1,506 | 1,506 |
| Additional paid-in capital | 601,915 | 397,305 |
| Accumulated deficit | (2,581,164) | (1,358,891) |
| Total Stockholders' Deficit | <u>(1,976,243)</u> | <u>(958,580)</u> |
| TOTAL LIABILITIES AND STOCKHOLDERS' DEFICIT | <u>\$ 25,166</u> | <u>\$ 197,555</u> |

See Independent Auditor's Report and accompanying notes, which are an integral part of these financial statements.

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QUADVANTAGE TECHNOLOGY, INC.**STATEMENTS OF OPERATIONS**For the years ended December 31, 2021 and 2020

| | <u>2021</u> | <u>2020</u> |
|-----------------------------|------------------------------|----------------------------|
| Net revenue | \$ - | \$ - |
| Operating expenses: | | |
| General and administrative | 542,462 | 229,160 |
| Research and development | <u>612,027</u> | <u>200,181</u> |
| Total operating expenses | 1,154,489 | 429,341 |
| Loss from operations | (1,154,489) | (429,341) |
| Other (expense)/income, net | | |
| Interest income | 12 | - |
| Other expenses | (670) | (20) |
| Interest expense, net | <u>(67,126)</u> | <u>(107,378)</u> |
| Total other expenses | (67,784) | (107,398) |
| Provision for income tax | - | - |
| Net loss | <u><u>\$ (1,222,273)</u></u> | <u><u>\$ (536,739)</u></u> |

See Independent Auditor's Report and accompanying notes, which are an integral part of these financial statements

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QUADVANTAGE TECHNOLOGY, INC.
STATEMENTS OF CHANGES IN STOCKHOLDERS' DEFICIT
For the years ended December 31, 2021 and 2020

| | Class A Common Stock | | Class B Common Stock | | Additional Paid-in Capital | Accumulated Deficit | Total Stockholders' Deficit |
|---|----------------------|-----------------|----------------------|-----------------|----------------------------------|------------------------|-----------------------------------|
| | Number of Shares | Amount | Number of Shares | Amount | | | |
| Balance at December 31, 2019 | 1,500,000 | \$ 1,500 | 1,431,329 | \$ 1,431 | \$ 58,930 | \$ (822,152) | \$ (760,291) |
| Stock-based compensation | - | - | - | - | 34,101 | - | 34,101 |
| Debt forgiven in exchange for stock options | - | - | - | - | 229,349 | - | 229,349 |
| Issuance of common stock for cash | - | - | 75,000 | 75 | 74,925 | - | 75,000 |
| Net loss | - | - | - | - | - | (536,739) | (536,739) |
| Balance at December 31, 2020 | 1,500,000 | 1,500 | 1,506,329 | 1,506 | 397,305 | (1,358,891) | (958,580) |
| Stock-based compensation | - | - | - | - | 204,610 | - | 204,610 |
| Net loss | - | - | - | - | - | (1,222,273) | (1,222,273) |
| Balance at December 31, 2021 | <u>1,500,000</u> | <u>\$ 1,500</u> | <u>1,506,329</u> | <u>\$ 1,506</u> | <u>\$ 601,915</u> | <u>\$ (2,581,164)</u> | <u>\$ (1,976,243)</u> |

See Independent Auditor's Report and accompanying notes, which are an integral part of these financial statements.

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QUADVANTAGE TECHNOLOGY, INC.**STATEMENTS OF CASH FLOWS**

For the years ended December 31, 2021 and 2020

| | <u>2021</u> | <u>2020</u> |
|---|------------------|-----------------|
| Cash Flows from Operating Activities: | | |
| Net loss | \$ (1,222,273) | \$ (536,739) |
| Adjustments to reconcile net loss to net cash used in operating activities: | | |
| Stock compensation expense | 204,610 | 34,101 |
| Inventory write-off | 90,008 | - |
| Loss on disposal of property and equipment | 95,002 | - |
| Depreciation expense | 212 | - |
| Changes in operating assets and liabilities: | | |
| (Increase)/Decrease in prepaid expenses | 289 | 3,842 |
| (Increase)/Decrease in inventory | (5,543) | (8,495) |
| Increase/(Decrease) in accounts payable | 445,767 | (530,047) |
| Increase/(Decrease) in accounts payable, related party | 232,151 | 843,157 |
| Increase/(Decrease) in accrued interest | (7,643) | 101,076 |
| Net cash used in operating activities | <u>(167,420)</u> | <u>(93,105)</u> |
| Cash Flows from Investing Activities: | | |
| Issuance of notes receivable | (2,348) | - |
| Cash paid for purchases of property and equipment | <u>(2,118)</u> | <u>-</u> |
| Cash used in investing activities | <u>(4,466)</u> | <u>-</u> |
| Cash Flows from Financing Activities: | | |
| Proceeds from related party notes payable | 90,000 | - |
| Proceeds from convertible notes payable | 85,000 | 20,000 |
| Proceeds from issuance of common stock | - | 75,000 |
| Cash provided by financing activities | <u>175,000</u> | <u>95,000</u> |
| Net Change in Cash | 3,114 | 1,895 |
| Cash at Beginning of Year | <u>3,829</u> | <u>1,934</u> |
| Cash at End of Year | <u>\$ 6,943</u> | <u>\$ 3,829</u> |
| Supplemental Disclosure of Cash Flow Information: | | |
| Cash paid for income taxes | \$ - | \$ - |
| Cash paid for interest | \$ 1,924 | \$ 9,399 |
| Supplemental Disclosure of Non-Cash Financing Activities: | | |
| Accrued wages payable exchanged for stock options | \$ - | \$ 229,349 |
| Conversion of wages and expenses payable to related party notes payable | \$ - | \$ 232,354 |

See Independent Auditor's Report and accompanying notes, which are an integral part of these financial statements.

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QUADVANTAGE TECHNOLOGY, INC.

NOTES TO THE FINANCIAL STATEMENTS

As of December 31, 2021 and 2020 and for the years then ended

NOTE 1: NATURE OF OPERATIONS

Quadvantage Technology, Inc. (the "Company") is a corporation formed on October 2, 2018 under the laws of the State of Delaware. The Company was established with the express goal of improving ACL reconstruction outcomes principally by bringing use of the quad tendon graft into widespread practice by offering QuadVantage Instrument Set and QV Quad procedure.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The accounting and reporting policies of the Company conform to accounting principles generally accepted in the United States of America (GAAP).

The Company adopted the calendar year as its basis of reporting.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Significant Risks and Uncertainties

The Company is subject to customary risks and uncertainties including, but not limited to, the need for protection of proprietary technology, dependence on key personnel, costs of services provided by third parties, the need to obtain additional financing, and limited operating history. The Company has not yet produced significant revenues and also has unknown impacts from the ongoing COVID-19 pandemic.

Cash Equivalents

For the purpose of the statement of cash flows, cash equivalents include time deposits, certificate of deposits, and all highly liquid debt instruments with original maturities of three months or less. The Company holds cash and cash equivalents in bank deposit accounts at times, may exceed federally insured limits.

Inventory

Inventory is stated at the lower of cost or market and accounted for using the specific identification method. The inventory balances as of December 31, 2021 and 2020 consist of finished goods held for sale. The Company records allowance for impairment and obsolescence reserves against its inventory balances as deemed necessary. During 2021, there was a product redesign and \$90,008 of inventory was written of and was included in research and development in the statement of operations.

See accompanying Independent Auditor's Report

QUADVANTAGE TECHNOLOGY, INC.

NOTES TO THE FINANCIAL STATEMENTS

As of December 31, 2021 and 2020 and for the years then ended

Property and Equipment

Property and equipment are recorded at cost when purchased. Depreciation is recorded for property and equipment using the straight-line method over the estimated useful lives of assets. The Company reviews the recoverability of all long-lived assets, including the related useful lives, whenever events or changes in circumstances indicate that the carrying amount of a long-lived asset might not be recoverable. Depreciation charges on property and equipment totaled \$212 and \$0 for the years ended December 31, 2021 and 2020, respectively. The balance as of December 31, 2021 and 2020 has an estimated useful life of 3 years. As of December 31, 2020, the property and equipment had not been placed into service and in 2021 there was a product redesign and \$95,002 was written off and was included in research and development in the statement of operations. The Company's property and equipment consisted of the following as of December 31, 2021 and 2020:

| | <u>2021</u> | <u>2020</u> |
|-----------------------------|-----------------|------------------|
| Tooling, at cost | \$ 2,118 | \$ 95,002 |
| Accumulated depreciation | (212) | - |
| Property and equipment, net | <u>\$ 1,906</u> | <u>\$ 95,002</u> |

Impairment of Long-Lived Assets

The management continually monitors events and changes in circumstances that could indicate carrying amounts of long-lived assets may not be recoverable. When such events or changes in circumstances are present, the management assesses the recoverability of long-lived assets by determining whether the carrying value of such assets will be recovered through undiscounted expected future cash flows. If the total of the future cash flows is less than the carrying amount of those assets, the management recognizes an impairment loss based on the excess of the carrying amount over the fair value of the Company's long-lived assets. Assets to be disposed of are reported at the lower of the carrying amount or the fair value less costs to sell.

Fair Value of Financial Instruments

Financial Accounting Standards Board ("FASB") guidance specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurement) and the lowest priority to unobservable inputs (Level 3 measurement). The three levels of the fair value hierarchy are as follows:

Level 1 - Unadjusted quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date. Level 1 primarily consists of financial instruments whose value is based on quoted market prices such as exchange-traded instruments and listed equities.

See accompanying Independent Auditor's Report

QUADVANTAGE TECHNOLOGY, INC.

NOTES TO THE FINANCIAL STATEMENTS

As of December 31, 2021 and 2020 and for the years then ended

Level 2 - Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly (e.g., quoted prices of similar assets or liabilities in active markets, or quoted prices for identical or similar assets or liabilities in markets that are not active).

Level 3 - Unobservable inputs for the asset or liability. Financial instruments are considered Level 3 when their fair values are determined using pricing models, discounted cash flows or similar techniques and at least one significant model assumption or input is unobservable.

The carrying amounts reported in the balance sheets approximate their fair value.

Revenue Recognition

ASC Topic 606, "Revenue from Contracts with Customers" establishes principles for reporting information about the nature, amount, timing and uncertainty of revenue and cash flows arising from the entity's contracts to provide goods or services to customers.

The Company applies the following five steps in order to determine the appropriate amount of revenue to be recognized as it fulfills its obligations under each of its agreements: 1) identify the contract with a customer; 2) identify the performance obligations in the contract; 3) determine the transaction price; 4) allocate the transaction price to performance obligations in the contract; and 5) recognize revenue as the performance obligation is satisfied. Revenue is recognized when control of the promised goods or services is transferred to customers, in an amount that reflects the consideration the Company expects to be entitled to in exchange for those goods or services. As a practical expedient, the Company does not adjust the transaction price for the effects of a significant financing component if, at contract inception, the period between customer payment and the transfer of goods or services is expected to be one year or less. To date, the Company has not generated any revenue.

Research and Development Costs

The Company expenses research and development costs as incurred.

Advertising Costs

The Company expenses advertising costs as incurred.

Stock-Based Compensation

The Company accounts for stock-based compensation in accordance with ASC 718, Compensation - Stock Compensation. Under the fair value recognition provisions of ASC 718, stock-based compensation cost is measured at the grant date based on the fair value of the award and is recognized as expense ratably over the requisite service period, which is generally the option vesting period. The Company uses the Black-Scholes option pricing model to determine the fair value of stock options.

See accompanying Independent Auditor's Report

QUADVANTAGE TECHNOLOGY, INC.
NOTES TO THE FINANCIAL STATEMENTS
As of December 31, 2021 and 2020 and for the years then ended

Beneficial Conversion Features

Accounting for Convertible Notes and Securities with Beneficial Conversion Features Convertible debt is accounted for under the guidelines established by ASC 470-20, Debt with Conversion and Other Options. ASC 470-20 governs the calculation of an embedded beneficial conversion, which is treated as an additional discount to the instruments where derivative accounting does not apply. The amount of the beneficial conversion feature may reduce the carrying value of the instrument. The discounts relating to the initial recording of the derivatives or beneficial conversion features are accreted over the term of the debt. When beneficial conversion features are based on a future contingent event, the beneficial conversion feature is deferred and recorded at the time when the contingency no longer exists.

Convertible Instruments

GAAP requires companies to bifurcate conversion options from their host instruments and account for them as free-standing derivative financial instruments according to certain criteria. The criteria include circumstances in which (a) the economic characteristics and risks of the embedded derivative instrument are not clearly and closely related to the economic characteristics and risks of the host contract, (b) the hybrid instrument that embodies both the embedded derivative instrument and the host contract is not re-measured at fair value under otherwise applicable generally accepted accounting principles with changes in fair value reported in earnings as they occur and (c) a separate instrument with the same terms as the embedded derivative instrument would be considered a derivative instrument. An exception to this rule is when the host instrument is deemed to be conventional as that term is described under applicable GAAP.

When the Company has determined that the embedded conversion options should not be bifurcated from their host instruments, the Company records, when necessary, discounts to convertible notes for the intrinsic value of conversion options embedded in debt instruments based upon the differences between the fair value of the underlying common stock at the commitment date of the note transaction and the effective conversion price embedded in the note. Debt discounts under these arrangements are amortized over the term of the related debt to their stated date of redemption. The Company also records, when necessary, deemed dividends for the intrinsic value of conversion options embedded in preferred shares based upon the differences between the fair value of the underlying common stock at the commitment date of the transaction and the effective conversion price embedded in the preferred shares.

Income Taxes

The Company uses the liability method of accounting for income taxes as set forth in ASC 740, *Income Taxes*. Under the liability method, deferred taxes are determined based on the temporary differences between the financial statement and tax basis of assets and liabilities using tax rates expected to be in effect during the years in which the basis differences reverse. A valuation allowance is recorded when it is unlikely that the deferred tax assets will not be realized.

The Company assesses its income tax positions and record tax benefits for all years subject to examination based upon our evaluation of the facts, circumstances and information available at the reporting date. In accordance with ASC 740-10, for those tax positions where there is a greater than 50% likelihood that a tax benefit will be sustained, the Company's policy is to record the largest amount of tax benefit that is more likely than not to be

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QUADVANTAGE TECHNOLOGY, INC.

NOTES TO THE FINANCIAL STATEMENTS

As of December 31, 2021 and 2020 and for the years then ended

realized upon ultimate settlement with a taxing authority that has full knowledge of all relevant information. For those income tax positions where there is less than 50% likelihood that a tax benefit will be sustained, no tax benefit will be recognized in the financial statements. The Company has evaluated its income tax positions and has determined that it does not have any uncertain tax positions.

The Company accounts for income taxes with the recognition of estimated income taxes payable or refundable on income tax returns for the current period and for the estimated future tax effect attributable to temporary differences and carryforwards. Measurement of deferred income items is based on enacted tax laws including tax rates, with the measurement of deferred income tax assets being reduced by available tax benefits not expected to be realized in the immediate future.

The Company pays federal and state taxes at a combined effective tax rate of 23% and has used this rate to derive net deferred tax assets of \$494,564 and \$242,767 as of December 31, 2021 and 2020, respectively, as presented below. The Company recognizes deferred tax assets to the extent that it believes that these assets are more likely than not to be realized. In making such a determination, the Company considers all available positive and negative evidence, including future reversals of existing taxable temporary differences, projected future taxable income, tax-planning strategies, and results of recent operations. The Company assessed the need for a valuation allowance against its net deferred tax assets and determined a full valuation allowance is required due to taxable losses for the years ended December 31, 2021 and 2020, cumulative losses through December 31, 2021, and no history of generating taxable income, which reduced the net deferred tax asset to zero as of December 31, 2021 and 2020 and resulted in an effective tax rate of 0% for the years ended December 31, 2021 and 2020. The increase in the valuation allowance for the year ended December 31, 2021 was \$251,797.

| | 2021 | 2020 |
|--|------------|------------|
| Deferred tax assets: | | |
| Net operating loss carryforward | \$ 302,972 | \$ 116,603 |
| Research and development tax credit carryforward | 42,792 | 42,792 |
| Accrued wages | 121,848 | 54,664 |
| Accrued interest | 26,952 | 28,708 |
| Total deferred tax assets | 494,564 | 242,767 |
| Valuation allowance | (494,564) | (242,767) |
| Net deferred tax assets | \$ - | \$ - |

The Company estimates it had net operating loss carryforwards of \$1,318,703 and \$507,521 as of December 31, 2021 and 2020, respectively. The Company's ability to utilize net operating loss carryforwards will depend on its ability to generate adequate future taxable income.

The Company has evaluated its income tax positions and has determined that it does not have any uncertain tax positions. The Company will recognize interest and penalties related to any uncertain tax positions through its income tax expense.

See accompanying Independent Auditor's Report

QUADVANTAGE TECHNOLOGY, INC.
NOTES TO THE FINANCIAL STATEMENTS
As of December 31, 2021 and 2020 and for the years then ended

The Company files U.S. federal and state income tax returns. All tax periods since inception remain open to examination by the taxing jurisdictions to which the Company is subject.

NOTE 3: GOING CONCERN

The Company has evaluated whether there are certain conditions and events, considered in the aggregate, that raise substantial doubt and the Company's ability to continue as a going concern within one year after the date that the financial statements are issued.

The accompanying financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business. The Company has not generated revenues or profits since inception, has sustained net losses of \$1,222,273 and \$536,739 for the years ended December 31, 2021 and 2020, respectively, and has incurred negative cash flows from operations for the years ended December 31, 2021 and 2020. As of December 31, 2021, the Company had an accumulated deficit of \$2,581,164, limited liquid assets with cash of \$6,943, current liabilities in excess of current assets by \$1,775,880, and the Company had not made loan and interest payments on various loan obligations that came due during the year ended December 31, 2021. These factors, among others, raise substantial doubt about the Company's ability to continue as a going concern. The Company's ability to continue as a going concern for the next twelve months is dependent upon its ability to generate sufficient cash flows from operations and/or secure additional outside debt or equity financing to meet its obligations.

No assurances can be given that the Company will be successful in these efforts. The financial statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or the amounts and classification of liabilities as a result of this uncertainty. Subsequent to December 31, 2021, the Company amended the terms of its convertible notes payables to extend maturity dates (see Note 10).

NOTE 4: STOCKHOLDERS' DEFICIT

Capital Structure

The Company is authorized to issue 11,000,000 shares of common stock of which 8,000,000 shares were designated as Class A Voting Common Stock and 3,000,000 shares were designated as Class B Nonvoting Common Stock, each at a par value of \$0.001 per share. Class A stockholders and Class B stockholders may be paid dividends, no dividends may be paid on Class A Common Stock unless the same dividend is declared and paid on Class B Common Stock. Each holder of Class A Common Stock is entitled to one vote for each share of common stock held. Class B stockholders do not have voting rights.

In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Company or deemed liquidation event, assets of the Company available for distribution shall be distributed to holders of Class A Common Stock on a pro rata basis with holders of Class B Nonvoting Common Stock, subject to any preferential rights of any then outstanding preferred stock. Such funds shall be based on the number of shares held. No distributions have been made on shares of common stock as of December 31, 2021 and 2020.

See accompanying Independent Auditor's Report

QUADVANTAGE TECHNOLOGY, INC.

NOTES TO THE FINANCIAL STATEMENTS

As of December 31, 2021 and 2020 and for the years then ended

Shares of Class B Nonvoting Common Stock shall be converted on a one-for-one share basis, as adjusted for stock dividends, stock divisions or combinations, into shares of Class A Voting Common Stock as and when declared by the Company's board of directors (the "Board") and approved by the holders of at least sixty-five percent (65%) of the then issued and outstanding shares of Class A Voting Common Stock. Each share of Class B Nonvoting Common Stock which remains outstanding immediately prior to the date of the closing of an underwritten public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, covering the offering and sale of common stock for the account of the Company (the "IPO") shall automatically be converted into one (1) share of Class A Voting Common Stock, as adjusted for stock dividends, stock divisions or combinations immediately prior to, and contingent upon, the closing of the IPO.

As of both December 31, 2021 and 2020, the Company had 1,500,000 shares of Class A Common Stock issued and outstanding. As of both December 31, 2021 and 2020, the Company had 1,506,329 shares of Class B common stock issued and outstanding.

Stock Issuance

In 2020, the Company issued 75,000 shares of Class B Common Stock for proceeds of \$75,000, or \$1.00 per share.

Debt Forgiven in Exchange for Stock Options

During 2020, the Company had accrued expenses of \$242,961 to related parties the accrued expenses were related to the accrued compensation and payroll taxes for the two founders. On November 1, 2020, both officers and directors of the Company, proposed to the Board their plans to forego \$229,349 of the accrued compensation in exchange for options to purchase 189,297 shares of Class B Common Stock.

NOTE 5: LONG-TERM DEBT

Convertible Notes Payable

From 2018 to 2019, the Company entered into ten convertible promissory notes of varying amounts for total principal of \$345,000. In 2020, the Company entered into two additional convertible promissory notes for total principal of \$20,000. In 2021, the Company entered into four convertible promissory notes of varying amounts for total principal of \$85,000. As of December 31, 2021 and 2020, \$450,000 and \$365,000 of principal was outstanding on the convertible notes payable, respectively, and no notes had been repaid or converted under the conversion terms. The notes mature(d) in 2021, 2022, 2023, and 2024 in the amounts of \$75,000, \$270,000, \$20,000, and \$85,000, all respectively.

The notes bear interest at 7% per annum and are due three years from the date of the initial issuance. Upon the maturity date, all outstanding principal and any accrued interest is due. As of December 31, 2021 certain notes have matured but are not considered in default as the note agreements state that the notes are considered in default when the Company has received written notice of the Company's failure to pay and no such notice had been received. The matured loans that had not been paid as of December 31, 2021 totaled principal of \$75,000 and accrued interest of \$15,899. Subsequent to year end, on May 18, 2022, notes that had a maturity date prior to November 18, 2023, were extended, all other notes kept their original maturity dates.

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The notes are subject to automatic conversion upon a qualified equity financing of the Company's preferred stock in excess of \$250,000, where the notes and all accrued but unpaid interest automatically converts into the Company's preferred stock with the same rights, preferences, and privileges as the shares issued in the triggering financing. The conversion rate is a 15% discount to the price per share paid by the cash purchasers in the qualified equity financing. The notes are subject to an optional conversion one year after each note's issuance date, where the principal amount of the note and any accrued interest may be converted at the option of the holder into shares of the Company's Class A Common Stock at a conversion rate determined by dividing the principal and accrued interest by the share price implied by a \$2,900,000 pre-money valuation on the Company's fully-diluted capitalization. The Company analyzed the notes for beneficial conversion features, and concluded that no beneficial conversion feature discount should be recorded until if and upon the resolution of the contingency of the qualified equity financing.

Interest accrued on these notes at 7% per annum and amounted to \$75,214 and \$44,469 as of December 31, 2021 and 2020, respectively. Total interest expense recognized on these notes for the years ended December 31, 2021 and 2020 amounted to \$30,745 and \$24,264, respectively.

NOTE 6: STOCK-BASED COMPENSATION

Stock Incentive Plan

The Company has adopted the 2018 Stock Incentive Plan (the "Plan"), which provides for the grant of shares of stock options to employees and service providers. Under the Plan, the number of shares of Class B Non-Voting Common Stock reserved for grant was 400,000 shares as of December 31, 2021. The option exercise price generally may not be less than the underlying stock's fair market value at the date of the grant and generally have a term of ten years. Stock options comprise all of the awards granted since the Plan's inception. Shares available for grant under the Plan amounted to 118,878 as of December 31, 2021.

The Company measures employee stock-based awards at grant-date fair value and recognizes employee compensation expense on a straight-line basis over the vesting period of the award. Determining the appropriate fair value of stock-based awards requires the input of subjective assumptions, including the fair value of the Company's common stock, and for stock options, the expected life of the option, and expected stock price volatility. The Company used the Black-Scholes option pricing model to value its stock option awards. The assumptions used in calculating the fair value of stock-based awards represent management's best estimates and involve inherent uncertainties and the application of management's judgment. As a result, if factors change and management uses different assumptions, stock-based compensation expense could be materially different for future awards. The expected life of stock options was estimated using the "simplified method," which is the midpoint between the vesting end date and the end of the contractual term, as the Company has limited historical information to develop reasonable expectations about future exercise patterns and employment duration for its stock options grants. The simplified method is based on the average of the vesting tranches and the contractual life of each grant.

For stock price volatility, the Company uses comparable public companies as a basis for its expected volatility to calculate the fair value of options grants. The risk-free interest rate is based on U.S. Treasury notes with a term

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approximating the expected life of the option. The estimation of the number of stock awards that will ultimately vest requires judgment, and to the extent actual results or updated estimates differ from the Company's current estimates, such amounts are recognized as an adjustment in the period in which estimates are revised. The assumptions utilized for option grants during the years ended December 31, 2021 and 2020 are as follows:

| | 2021 | 2020 |
|-----------------------------|------|--------|
| Risk Free Interest Rate | N/A | 0.38% |
| Dividend Yield | N/A | 0.00% |
| Estimated Volatility | N/A | 45.00% |
| Expected Life (years) | N/A | 5.00 |
| Fair Value per Stock Option | N/A | \$0.99 |

A summary of information related to stock options for the years ended December 31, 2021 and 2020 are as follows:

| | 2021 | | 2020 | |
|--|----------------|---------------------------------|-----------------|---------------------------------|
| | Options | Weighted Average Exercise Price | Options | Weighted Average Exercise Price |
| Outstanding - beginning of year | 281,122 | \$ 0.151 | 90,000 | \$ 1.000 |
| Granted | - | \$ - | 241,122 | \$ 0.010 |
| Exercised | - | \$ - | - | \$ - |
| Forfeited | - | \$ - | (50,000) | \$ 1.000 |
| Outstanding - end of year | <u>281,122</u> | \$ 0.151 | <u>281,122</u> | \$ 0.151 |
| Exercisable at end of year | <u>281,122</u> | \$ 0.151 | <u>74,446</u> | \$ 0.540 |
| Weighted average grant date fair value of options granted during year | <u>NA</u> | | <u>\$ 0.990</u> | |
| Weighted average duration to expiration of outstanding options at year-end | <u>8.66</u> | | <u>9.66</u> | |

The intrinsic value of the outstanding stock options as of December 31, 2021 was \$238,711. Stock-based compensation expense of \$204,610 and \$34,101 was recognized under FASB ASC 718 for the years ended December 31, 2021 and 2020, respectively. There was unrecognized compensation cost related to stock option awards of \$0 and \$204,610 as of December 31, 2021 and 2020, respectively.

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NOTE 7: RELATED PARTY TRANSACTIONS

Related Party Notes Payable

During 2020 and 2021, the Company entered into promissory notes with its shareholders and related party. The aggregate principal amounts outstanding of \$322,354 and \$232,354 as of December 31, 2021 and 2020, respectively. The \$232,354 obligation incurred in 2020 was non-cash in conversion of accrued compensation and expenses, as discussed below. The notes bear interest at rates ranging from 0.15% to 7% per annum and mature two years from date of issuance. All unpaid principal, together with the accrued and unpaid interest payable are due and payable upon maturity. Interest expense on these notes was \$2,916 and \$58 for the years ended December 31, 2021 and 2020, respectively. Accrued interest on these notes payable was \$2,974 and \$58 as of December 31, 2021 and 2020, respectively.

Related Party Accounts Payable and Accrued Expenses

The Company has incurred obligations to various related party individuals and companies, including deferred compensation since its inception. The total balances due as of December 31, 2021 and 2020 were \$613,606 and \$381,455, respectively.

A related party company charges interest to the Company on its payable balances. The total amounts of accrued interest due on this arrangement was \$39,121 and \$80,424 as of December 31, 2021 and 2020, respectively. These balances are included in accrued expenses on the balance sheets. Associated interest expense of \$32,915 and \$82,614 was included in interest expense in the statements of operations for the years ended December 31, 2021 and 2020, respectively.

Related Party Expenses

The incurred expenses with related parties totaling \$237,014 and \$183,295 for the years ended December 31, 2021 and 2020, respectively, which are included in research and development and general and administrative expenses in the statements of operations. Of the \$237,014 of related party expenses incurred for the year ended December 31, 2021, \$221,264 were incurred with Robling Medical. Of the \$183,295 of related party expenses incurred for the year ended December 31, 2020, \$182,085 were incurred with Robling Medical.

Conversions of Accrued Wages and Expenses

As discussed in Note 4, in 2020 the Company converted \$229,349 of the accrued compensation to options to purchase 189,297 shares of Class B Common Stock.

Also in 2020, the Company converted \$232,354 of accrued compensation and expenses into notes payable, as discussed above.

Convertible Notes Payable

\$140,000 of the convertible notes payable discussed in Note 5 are held by related parties to the Company.

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NOTE 8: RECENT ACCOUNTING PRONOUNCEMENTS

In February 2016, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2016-02, *Leases (Topic 842)*. This ASU requires a lessee to recognize a right-of-use asset and a lease liability under most operating leases in its balance sheet. The ASU is effective for annual and interim periods beginning after December 15, 2021. Early adoption is permitted. The Company is continuing to evaluate the impact of this new standard on Company’s financial reporting and disclosures.

In January 2017, the FASB issued ASU 2017-04, *Intangibles – Goodwill and Other (Topic 350)*, simplifying Accounting for Goodwill Impairment (“ASU 2017-04”). ASU 2017-04 removes the requirement to perform a hypothetical purchase price allocation to measure goodwill impairment. A goodwill impairment will now be the amount by which a reporting unit’s carrying value exceeds its fair value, not to exceed the carrying amount of goodwill. The amendments in this update are effective for public entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2020. For all other entities, the amendment is effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years. The Company is currently evaluating the impact the adoption of ASU 2017-04 will have on the Company’s financial statements.

In August 2018, the FASB issued ASU 2018-15, *Intangibles – Goodwill and Other – Internal-Use Software (Subtopic 350-40): Customer’s Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement that is a Service Contract* (“ASU 2018-15”). ASU 2018-15 requires a customer in a cloud computing arrangement that is a service contract to follow the internal-use software guidance in ASC 350-40 to determine which implementation costs to defer and recognize as an asset. The amendments in this update are effective for public entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. For all other entities, the amendment is effective for fiscal years beginning after December 15, 2020, and interim periods within fiscal years beginning after December 15, 2021. The Company has adopted this standard.

In August 2020, FASB issued ASU 2020-06, *Accounting for Convertible Instruments and Contracts in an Entity; Own Equity* (“ASU 2020-06”), as part of its overall simplification initiative to reduce costs and complexity of applying accounting standards while maintaining or improving the usefulness of the information provided to users of financial statements. Among other changes, the new guidance removes from GAAP separation models for convertible debt that require the convertible debt to be separated into a debt and equity component, unless the conversion feature is required to be bifurcated and accounted for as a derivative or the debt is issued at a substantial premium. As a result, after adopting the guidance, entities will no longer separately present such embedded conversion features in equity, and will instead account for the convertible debt wholly as debt. The new guidance also requires use of the “if-converted” method when calculating the dilutive impact of convertible debt on earnings per share, which is consistent with the Company’s current accounting treatment under the current guidance. The guidance is effective for financial statements issued for fiscal years beginning after December 15, 2021, and interim periods within those fiscal years, with early adoption permitted, but only at the beginning of the fiscal year. The Company is currently evaluating the impact the adoption of ASU 2020-06 will have on the Company’s financial statements.

Management does not believe that any other recently issued accounting standards could have a material effect on the accompanying financial statements. As new accounting pronouncements are issued, the Company will adopt those that are applicable under the circumstances.

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NOTE 9: COMMITMENTS AND CONTINGENCIES

General

The Company may be subject to pending legal proceedings and government regulatory actions in the ordinary course of business. The results of such proceedings cannot be predicted with certainty, but the Company does not anticipate that the final outcome, if any, arising out of any such matter will have a material adverse effect on its business, financial condition or results of operations.

License Agreement

The Company's business depends on exclusive rights to patents which were licensed to the Company on November 8, 2018, pursuant to a license agreement (the "License Agreement") between the Company and Quadvantage, LLC, a North Carolina limited liability company ("Licensor") controlled and operated by Paul Leach Burroughs, III, the Company's founder and Chairman of the Board. Quadvantage LLC and the Company are separate and independent entities. The License Agreement stipulates that the Company is to make quarterly royalty payments to the Licensor in an amount equal to 5% of the Company's net sales as defined in the License Agreement. There are no minimum or maximum levels of royalty currently stipulated by the License Agreement. The Company shall pay to the Licensor an amount equal to 10% of any sublicense revenue. In the case of an acquisition of the Company, the Licensor is entitled to 5% of the net proceeds and the obligation to pay royalties on future sales terminates.

NOTE 10: SUBSEQUENT EVENTS

Crowdfunding Campaign

In 2022, the Company intends to commence a Regulation CF offering in an effort to raise capital in 2022.

Convertible Note Extensions

In 2022, notes that had a maturity date prior to November 18, 2023, were extended, all other notes kept their original maturity dates.

Management's Evaluation

Management has evaluated subsequent events through June 20, 2022, the date the financial statements were available to be issued. Based on this evaluation, no additional material events were identified which require adjustment or disclosure in these financial statements.

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| | Unadjusted 12/31/2019 | 2019 A/E | Adjusted 12/31/2019 <calc> | Unadjusted 12/31/2020 | 2020 A/E | Adjusted 12/31/2020 <calc> | Unadjusted 12/31/2021 | 2021 A/E | Adjusted 12/31/2021 <calc> | FS Grouping <C> |
|---|--------------------------|----------|----------------------------------|--------------------------|-----------|----------------------------------|--------------------------|-----------|----------------------------------|-----------------------------|
| 100 10 - Checking | 1,934 | - | 1,934 | 3,829 | - | 3,829 | 6,943 | - | 6,943 | Cash and cash equivalents |
| 11200 - Inventory | 81,513 | - | 81,513 | 90,008 | - | 90,008 | 5,543 | - | 5,543 | Inventory |
| 12100 - Prepaid Expenses | 12,557 | - | 12,557 | 5,715 | - | 5,715 | 8,426 | - | 8,426 | Prepayments |
| 12200 - Miscellaneous Receivables | - | - | - | - | - | - | 2,348 | - | 2,348 | Note receivables |
| 15030 - Tooling | 95,002 | - | 95,002 | 95,002 | - | 95,002 | 2,118 | - | 2,118 | Property and equipment, net |
| 15130 - Accum Depn - Tooling | - | - | - | - | - | - | (212) | - | (212) | Property and equipment, net |
| 20000 - Accounts Payable | (272,589) | 3,671 | (268,918) | (486,318) | 481,879 | (34,439) | (800,879) | 652,727 | (148,152) | Accounts payable |
| Accounts payable-RP | - | - | - | (381,455) | (381,455) | - | - | (613,606) | (613,606) | Accounts payable-RP |
| 20105 - American Express Gold 1005 | - | - | - | - | - | - | (16,970) | - | (16,970) | Accounts payable |
| 20149 - Credit Card Advance fm Gntern | - | - | - | - | - | - | (12,680) | - | (12,680) | Accounts payable |
| 210 10 - Accrued Wages | (174,240) | - | (174,240) | (5,104) | - | (5,104) | (279,724) | - | (279,724) | Accounts payable |
| 21020 - Accrued Payroll Taxes | (13,612) | - | (13,612) | (472) | - | (472) | (18,275) | - | (18,275) | Accounts payable |
| 23000 - Accrued Expenses | (125,000) | - | (125,000) | - | (22,359) | (22,359) | - | (22,359) | (22,359) | Accounts payable |
| 23500 - Taxes Payable | (850) | - | (850) | - | - | - | - | - | - | Accounts payable |
| 24000 - Interest Payable | (20,205) | - | (20,205) | (44,527) | - | (44,527) | (78,188) | - | (78,188) | Accrued interest |
| Accrued interest Robbling | - | (3,671) | - | - | (80,424) | (80,424) | - | (39,121) | (39,121) | Accrued interest |
| 26000 - Unsecured Debt | - | - | - | - | - | - | - | - | - | Notes payable |
| 26010 - Unsecured Debt - P. Brounoughs | - | - | - | - | - | - | - | - | - | Notes payable |
| 26011 - Unsecured Debt - Obidian Tech | - | - | - | - | - | - | - | - | - | Notes payable |
| 27005 - Notes Payable | - | - | - | (232,354) | - | (232,354) | (322,354) | - | (322,354) | Notes payable |
| 27011 - Convert From Notes 2018 Issue | (345,000) | - | (345,000) | (365,000) | - | (365,000) | (400,000) | - | (400,000) | Convertible notes |
| 27012 - Convert From Notes 2021 Issue | - | - | - | - | - | - | (50,000) | - | (50,000) | Convertible notes |
| 31000 - Common Stock | (2,931) | - | (2,931) | (3,006) | - | (3,006) | (3,006) | - | (3,006) | Common Stock |
| 31050 - Paid in Capital | (42,510) | (16,420) | (58,930) | (117,435) | (279,870) | (397,305) | (117,435) | (484,480) | (601,915) | Additional paid-in capital |
| 32001 - Retained Earnings | 125,383 | - | 125,383 | 905,733 | 16,420 | 922,153 | 1,056,682 | 302,229 | 1,358,891 | Retained earnings |
| 55020 - O/H - Depreciation | - | - | - | - | - | - | 212 | - | 212 | General and administrative |
| 55030 - Shipping | 2,799 | - | 2,799 | - | - | - | - | - | - | General and administrative |
| 55040 - Lot Charges | 3,649 | - | 3,649 | 5,282 | - | 5,282 | - | - | - | General and administrative |
| 55090 - O/H - Miscellaneous | (34) | - | (34) | 29 | - | 29 | - | - | - | General and administrative |
| 620 10 - Transportation | 1,930 | - | 1,930 | - | - | - | - | - | - | General and administrative |
| 62020 - Other Transportation | - | - | - | - | - | - | - | - | - | General and administrative |
| 62040 - Meals | 45 | - | 45 | - | - | - | - | - | - | General and administrative |
| 64040 - Consultants | 25,745 | - | 25,745 | 1,300 | - | 1,300 | - | - | - | General and administrative |
| 64051 - Contract Research Organizations | 153,075 | - | 153,075 | 81,200 | - | 81,200 | 72,975 | - | 72,975 | Research and development |
| 64101 - Legal Fees Paid to Attorneys | - | 17,275 | 17,275 | - | 10,451 | 10,451 | - | 32,469 | 32,469 | Research and development |
| 64103 - Legal - Filing Fees | - | 2,065 | 2,065 | - | 8,107 | 8,107 | - | 8,510 | 8,510 | Research and development |
| 65000 - Research Supplies | 65,190 | - | 65,190 | 7,474 | - | 7,474 | 308,527 | - | 308,527 | Research and development |
| 66000 - Regulatory Fees | 4,884 | - | 4,884 | 5,236 | - | 5,236 | 5,546 | - | 5,546 | General and administrative |
| 74000 - Consultants | 105,000 | - | 105,000 | - | - | - | 44,000 | - | 44,000 | General and administrative |
| 74200 - Promotion Costs | - | - | - | 10,000 | - | 10,000 | - | - | - | General and administrative |
| 74210 - Website Costs | - | - | - | 326 | - | 326 | 326 | - | 326 | General and administrative |
| 74230 - Advertising and Press Releases | - | - | - | 450 | - | 450 | - | - | - | General and administrative |
| 74240 - Sales Literature | - | - | - | - | - | - | 508 | - | 508 | General and administrative |
| 74250 - Samples | - | - | - | - | - | - | 84 | - | 84 | Research and development |
| 74300 - Market Research | - | - | - | - | - | - | 3,744 | - | 3,744 | Research and development |
| Stock Option expense | - | 16,420 | 16,420 | - | 20,896 | 20,896 | 125,379 | - | 125,379 | General and administrative |
| Stock Option expense RdD | - | - | - | - | 13,205 | 13,205 | 79,231 | - | 79,231 | Research and development |
| 81100 - Wage Expense | 187,000 | - | 187,000 | 211,617 | (76,408) | 135,209 | 275,000 | (100,000) | 175,000 | General and administrative |
| 81100 - Wage Expense RdD | - | - | - | - | 76,408 | 76,408 | 100,000 | - | 100,000 | Research and development |
| 81200 - Payroll Taxes | 14,348 | - | 14,348 | 491 | 5,411 | 5,902 | 17,838 | (6,487) | 11,351 | General and administrative |
| 81200 - Payroll Taxes RdD | - | - | - | - | 3,336 | 3,336 | - | 6,487 | 6,487 | Research and development |
| 820 10 - Transportation | 3,271 | - | 3,271 | - | - | - | 8,620 | - | 8,620 | General and administrative |
| 82030 - Lodging | 1,816 | - | 1,816 | - | - | - | 4,444 | - | 4,444 | General and administrative |
| 82040 - Meals | 2,978 | - | 2,978 | - | - | - | 1,864 | - | 1,864 | General and administrative |
| 83000 - Office Expenses | - | - | - | - | - | - | 52 | - | 52 | General and administrative |

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|--|----------|------------|----------|-----------|----------|----------|------------|----------|------------|----------------------------|
| 83010 · Office Supplies | 8,146 | - | 8,146 | 1,790 | - | 1,790 | 1,866 | - | 1,866 | General and administrative |
| 83011 · Postage & Freight | 127 | - | 127 | 41 | - | 41 | 435 | - | 435 | General and administrative |
| 83012 · Telephone | - | - | - | - | - | - | 64 | - | 64 | General and administrative |
| 83101 · Bank Charges | 45 | - | 45 | 180 | - | 180 | 210 | - | 210 | General and administrative |
| 83102 · Web Expense | 673 | - | 673 | 903 | - | 903 | 946 | - | 946 | General and administrative |
| 83103 · Outrigger Services | - | - | - | 9,555 | - | 9,555 | 8,820 | - | 8,820 | General and administrative |
| 83104 · Credit Card Fees | - | - | - | - | - | - | 29,630 | - | 29,630 | General and administrative |
| 83201 · Expensed Equipment | 686 | - | 686 | - | - | - | - | - | - | General and administrative |
| 94000 · Accounting and Tax Services | 4,376 | - | 4,376 | 3,305 | - | 3,305 | 3,553 | - | 3,553 | General and administrative |
| 94050 · Advisory Board Member Fees | - | - | - | - | - | - | 80,000 | - | 80,000 | General and administrative |
| 94101 · Legal Fees Paid to Attorneys | 39,684 | (17,275) | 22,409 | 21,324 | (10,451) | 10,873 | 51,807 | (32,469) | 19,339 | General and administrative |
| 94102 · Misc. Legal Fees | 250 | - | 250 | 133 | - | 133 | 125 | - | 125 | General and administrative |
| 94103 · Legal - Filing Fees | 12,569 | (2,065) | 10,503 | 8,982 | (8,107) | 875 | 12,307 | (8,510) | 3,797 | General and administrative |
| 94220 · Product Liability Insurance | 12,858 | - | 12,858 | 16,874 | - | 16,874 | 16,376 | - | 16,376 | General and administrative |
| 95101 · Interest Expense | 25,572 | - | 25,572 | 107,378 | - | 107,378 | 67,126 | - | 67,126 | Interest expense |
| 95102 · Interest Income | - | - | - | - | - | - | (12) | - | (12) | Interest income |
| 95299 · Extraordinary (Income) / Expense | - | - | - | (242,961) | 242,961 | (0) | - | - | - | Gain on forgiveness |
| 99020 · Franchise & Other Taxes | 670 | - | 670 | 20 | - | 20 | 670 | - | 670 | Other expense / (income) |
| TOTAL | 0 | (0) | 0 | - | 0 | 0 | (0) | 0 | (0) | |

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| 2021 Adjusting Journal Entries | | | |
|--------------------------------|---|------------------|------------------|
| AJE # | Account | Debit | Credit |
| | <i>To reclassify legal fees relating to patents from G&A to R&D</i> | | |
| 1 | 64101 · Legal Fees Paid to Attorneys | 32,469 | |
| | 64103 · Legal - Filing Fees | 8,510 | |
| | 84101 · Legal Fees Paid to Attorneys | | 32,469 |
| | 84103 · Legal - Filing Fees | | 8,510 |
| 2 | <i>To record APIC for expenses forgiven in exchange for options</i> | | |
| | 32001 · *Retained Earnings | 229,349 | |
| | 31050 · Paid in Capital | | 229,349 |
| 3 | <i>To record option expense</i> | | |
| | 32001 · *Retained Earnings | 50,521 | |
| | 31050 · Paid in Capital | | 255,131 |
| | Stock Option expense R&D | 79,231 | |
| | Stock Option expense | 125,379 | |
| 4 | <i>To reclassify ap to Robbling to accrued interest</i> | | |
| | 20000 · Accounts Payable | 39,121 | |
| | Accrued interest Robbling | | 39,121 |
| 5 | <i>23000 · Accrued Expenses</i> | | 22,359 |
| | 32001 · *Retained Earnings | 22,359 | |
| | 95299 · Extraordinary (Income)/Expense | | |
| 6 | <i>To reclassify related party payables</i> | | |
| | 20000 · Accounts Payable | 613,606 | |
| | Accounts payable-RP | | 613,606 |
| 7 | <i>To reclassify wage and tax expense</i> | | |
| | 81100 · Wage Expense R&D | 100,000 | |
| | 81100 · Wage Expense | | 100,000 |
| | 81200 · Payroll Taxes R&D | 6,487 | |
| | 81200 · Payroll Taxes | | 6,487 |
| | | <u>1,307,031</u> | <u>1,307,031</u> |

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| 2020 Adjusting Journal Entries | | | | |
|--------------------------------|---|---------|---------|--|
| AJE# | Account | Debit | Credit | |
| 1 | 64101 - Legal Fees Paid to Attorneys | 10,451 | | |
| | 64103 - Legal - Filing Fees | 8,107 | | |
| | 84101 - Legal Fees Paid to Attorneys | | 10,451 | |
| | 84103 - Legal - Filing Fees | | 8,107 | |
| | <i>To reclassify legal fees relating to patents from G&A to R&D</i> | | | |
| 2 | <i>To record APIC for expenses forgiven in exchange for options</i> | | | |
| | 95299 - Extraordinary (Income)/Expense | 242,961 | | |
| | 31050 - Paid in Capital | | 229,349 | |
| | 95299 - Extraordinary (Income)/Expense | | 13,612 | |
| 3 | <i>To record option expense</i> | | | |
| | 32001 - *Retained Earnings | 16,420 | | |
| | Stock Option expense R&D | 13,205 | | |
| | Stock Option expense | 20,896 | | |
| | 31050 - Paid in Capital | | 50,521 | |
| 4 | <i>To reclassify ap to Robbling to accrued interest</i> | | | |
| | 20000 - Accounts Payable | 80,424 | | |
| | Accrued interest Robbling | | 80,424 | |
| 5 | <i>To reverse client AJEs to reverse tax accruals</i> | | | |
| | 23000 - Accrued Expenses | | 13,612 | |
| | 23000 - Accrued Expenses | | 8,747 | |
| | 81200 - Payroll Taxes | 8,747 | | |
| | 95299 - Extraordinary (Income)/Expense | 13,612 | | |
| 6 | <i>To reclassify related party payables</i> | | | |
| | 20000 - Accounts Payable | 381,455 | | |
| | Accounts payable-RP | | 381,455 | |
| 7 | <i>To reclassify wage and tax expense</i> | | | |
| | 81100 - Wage Expense R&D | 76,408 | | |
| | 81100 - Wage Expense | | 76,408 | |
| | 81200 - Payroll Taxes R&D | 3,336 | | |
| | 81200 - Payroll Taxes | | 3,336 | |
| | | 872,686 | 872,686 | |

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2019 Adjusting Journal Entries

| AJE# | Account | Debit | Credit |
|------|---|------------------|------------------|
| 1 | 64101 · Legal Fees Paid to Attorneys | 17,275 | |
| | 64103 · Legal - Filing Fees | 2,065 | |
| | 84101 · Legal Fees Paid to Attorneys | | 17,275 |
| | 84103 · Legal - Filing Fees | | 2,065 |
| | <i>To reclassify legal fees relating to patents from G&A to R&D</i> | | |
| 2 | <i>To record option expense</i> | | |
| | Stock Option expense | 16,420 | |
| | 31050 · Paid in Capital | | 16,420 |
| 3 | <i>To reclassify ap to Robbling to accrued interest</i> | | |
| | 20000 · Accounts Payable | 3,671 | |
| | Accrued interest Robbling | | 3,671 |
| | | <u>\$ 39,431</u> | <u>\$ 39,431</u> |

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EXHIBIT B

SUBSCRIPTION AGREEMENT

QUADVANTAGE TECHNOLOGIES, INC.
SUBSCRIPTION AGREEMENT
(Including investment representations)

THE SECURITIES ARE BEING OFFERED PURSUANT TO SECTION 4(A)(6) OF THE SECURITIES ACT OF 1933 (THE “**SECURITIES ACT**”) AND HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OR THE SECURITIES LAWS OF ANY STATE OR ANY OTHER JURISDICTION. NO FEDERAL OR STATE SECURITIES ADMINISTRATOR HAS REVIEWED OR PASSED ON THE ACCURACY OR ADEQUACY OF THE OFFERING MATERIALS FOR THESE SECURITIES. THERE ARE SIGNIFICANT RESTRICTIONS ON THE TRANSFERABILITY OF THE SECURITIES DESCRIBED HEREIN AND NO RESALE MARKET MAY BE AVAILABLE AFTER RESTRICTIONS EXPIRE. THE PURCHASE OF THESE SECURITIES INVOLVES A HIGH DEGREE OF RISK AND SHOULD BE CONSIDERED ONLY BY PERSONS WHO CAN BEAR THE RISK OF THE LOSS OF THEIR ENTIRE INVESTMENT WITHOUT A CHANGE IN THEIR LIFESTYLE.

IMPORTANT:

This document contains significant representations.
Please read carefully before signing.

QuadVantage Technology, Inc.
Attn: CEO
6325 Falls of Neuse Rd. Suite 35-122
Raleigh, NC 27615
invest.quadvantage.com

Ladies and Gentlemen:

The undersigned subscriber (the “**Subscriber**”) understands that QuadVantage Technology, Inc., a corporation organized under the laws of Delaware (the “**Company**”), is offering up to Five Million Dollars (US\$5,000,000) of Series CF Nonvoting Preferred Stock, par value \$0.001 per share (the “**Shares**” or “**REG CF SECURITIES**”), at a purchase price of \$2.50 per share (the “**Per REG CF SECURITY Purchase Price**”) in a Regulation Crowdfunding offering. This offering is made pursuant to the Form C, and all exhibits thereto, filed by the Company with the U.S. Securities and Exchange Commission (the “**SEC**”) on or after July 22, 2022 (as such Form C may be amended, updated or supplemented from time to time, the “**Form C**”). Subscriber further understands that the offering is being made pursuant to Section 4(a)(6) of the Securities Act of 1933, as amended (the “**Securities Act**”) and Regulation Crowdfunding under the Securities Act (“**Regulation Crowdfunding**”) and without registration of the Shares under the Securities Act or any applicable state securities laws (the “**Offering**”) through the Company’s offering portal platform provided by DEALMAKER SECURITIES, LLC (the “**Intermediary**”). The aggregate number of REG CF SECURITIES sold in the offering shall not exceed 2,000,000¹. The Company may accept subscriptions until the Termination Date (as defined in the Form C). Providing that subscriptions for 10,000 REG CF SECURITIES are received (the “**Minimum Offering**”), the Company may elect at any time to close all or any portion of the offering (each, a “**Closing**”), on various dates at or prior to the Termination Date (each a “**Closing Date**”). Capitalized terms not otherwise defined have the meanings set forth in the Form C.

Subscriber commits and subscribes to purchase from the Company such number of REG CF SECURITIES set forth below and upon the terms and conditions set forth herein. Subscriber understands that this Subscription Agreement is conditioned upon Company’s acceptance of

¹ The total amount of Shares issued in this offering may exceed 2,000,000 as the intermediary for this offering is entitled to receive compensation equal to one percent (1%) of all securities sold. This means the maximum number of Shares that may be issued in this offering is 2,020,000.

subscriptions. If this Subscription Agreement has been accepted (in whole or in part), any REG CF SECURITIES subscribed to hereby shall be issued to Subscriber in uncertificated, book entry form.

1. Subscription.

- a. Subscriber hereby subscribes for and agrees to purchase such number of REG CF SECURITIES set forth on the signature page hereto, at the Per REG CF SECURITY Purchase Price, for the aggregate subscription price set forth on the signature page hereto, upon the terms and conditions set forth herein.
- b. Payment of the aggregate purchase price for the REG CF SECURITIES shall be paid simultaneously with the execution and delivery to the Company of the signature page of this Subscription Agreement, which signature and delivery may take place through digital online means. Subscriber shall deliver a signed copy of this Subscription Agreement, along with payment for the aggregate purchase price of the REG CF SECURITIES in accordance with the online payment process established by the Intermediary.
- c. Payment for the REG CF SECURITIES shall be received by Enterprise Bank and Trust (the “Escrow Agent”) from Subscriber by transfer of immediately available funds or other means approved by the Company prior to the applicable Closing, in the amount as set forth on the signature page hereto and otherwise in accordance with Intermediary’s payment processing instructions. Upon the Closing, the Escrow Agent shall release such funds to the Company. Subscriber shall receive notice and evidence of the digital entry of the number of the REG CF SECURITIES then owned by undersigned reflected on the books and records of the Company and verified by DealMaker Transfer Agent LLC, which shall bear a notation that the REG CF SECURITIES were sold in reliance upon Regulation CF.
- d. Subscriber acknowledges that this subscription is contingent upon acceptance by the Company, and that the Company has the right to accept or reject subscriptions in whole or in part. Subscriber understands that, should this subscription be accepted only in part, Subscriber’s total purchase price and the dollar amount of the REG CF SECURITIES to be issued to Subscriber shall be reduced to reflect such partial acceptance.

2. Representations and Warranties of the Company. The Company represents and warrants to Subscriber that the following representations and warranties are true and complete in all material respects as of each Closing Date, except as otherwise indicated. For purposes of this Subscription Agreement, an individual shall be deemed to have “knowledge” of a particular fact or other matter if such individual is actually aware of such fact. The Company will be deemed to have “knowledge” of a particular fact or other matter if one of the Company’s current officers has, or at any time had, actual knowledge of such fact or other matter.

- a. Organization and Standing. The Company is a corporation duly formed, validly existing and in good standing under the laws of the State of Delaware. The Company has all requisite power and authority to own and operate its properties and assets, to execute and deliver this Subscription Agreement and any other agreements or instruments required hereunder. The Company is duly qualified and is authorized to do business and is in good standing as a foreign corporation in all jurisdictions in which the nature of its activities and of its properties (both owned and leased) makes such qualification necessary, except for those jurisdictions in which failure to do so would not have a material adverse effect on the Company or its business.
- b. Eligibility of the Company to Make an Offering under Section 4(a)(6). The Company is eligible to make an offering under Section 4(a)(6) of the Securities Act and the rules promulgated thereunder by the SEC.

- c. Issuance of the Securities. The issuance, sale and delivery of the REG CF SECURITIES in accordance with this Subscription Agreement has been duly authorized by all necessary corporate actions on the part of the Company. The REG CF SECURITIES, when so issued, sold and delivered against payment therefor in accordance with the provisions of this Subscription Agreement, will be duly and validly issued, fully paid and non-assessable and will conform in all material respects to the description thereof set forth in the Form C.
 - d. Authority for Agreement. The execution and delivery by the Company of this Subscription Agreement and the consummation of the transactions contemplated hereby (including the issuance, sale and delivery of the REG CF SECURITIES) are within the Company's powers and have been duly authorized by all necessary corporate actions on the part of the Company. Upon full execution hereof, this Subscription Agreement shall constitute a valid and binding agreement of the Company, enforceable against the Company in accordance with its terms, except (i) as limited by applicable bankruptcy, insolvency, reorganization, moratorium, and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief, or other equitable remedies and (iii) with respect to provisions relating to indemnification and contribution, as limited by considerations of public policy and by federal or state securities laws.
 - e. No Filings. Assuming the accuracy of the Subscriber's representations and warranties set forth herein, no order, license, consent, authorization or approval of, or exemption by, or action by or in respect of, or notice to, or filing or registration with, any governmental body, agency or official is required by or with respect to the Company in connection with the execution, delivery and performance by the Company of this Subscription Agreement except (i) for such filings as may be required under Section 4(a)(6) of the Securities Act or the rules promulgated thereunder or under any applicable state securities laws, (ii) for such other filings and approvals as have been made or obtained, or (iii) where the failure to obtain any such order, license, consent, authorization, approval or exemption or give any such notice or make any filing or registration would not have a material adverse effect on the ability of the Company to perform its obligations hereunder.
3. **Representations of Subscriber.** By executing this Subscription Agreement, Subscriber (and, if Subscriber is purchasing the Securities subscribed for hereby in a fiduciary capacity, the person or persons for whom Subscriber is so purchasing) represents and warrants, which representations and warranties are true and complete in all material respects as of the date of the Subscriber's respective Closing Date(s):
- a. Residency. Subscriber is a bona fide resident of, or, if an entity, the entity is organized or incorporated under the laws of, and is domiciled in, the state identified on the attached signature page.
 - b. Receipt of Disclosures and Reliance on Subscriber's Own Investigation. Subscriber hereby acknowledges receipt of a copy of the Form C relating to the Offering and has been provided access to a copy of the Company's Amended and Restated Certificate of Incorporation (the "Charter") and of the Company's Bylaws (the "Bylaws", and together with the Charter, the "Company's Organizational Documents") attached as exhibits to the Form C. Subscriber has carefully read the Form C, including the section thereof titled "Risks Factors," and has reviewed the information and documents contained therein and has had access to review the documents filed as exhibits thereto. Subscriber understands that the information and documents contained in and attached to the Form C are important to a review and understanding of the Offering of REG CF SECURITIES. Subscriber has relied solely upon the Form C and investigations made by Subscriber or Subscriber's representatives in making the decision to purchase the REG CF SECURITIES. No statement, printed material or inducement has been given or made by any person associated

with the offering of the REG CF SECURITIES which was contrary to the information in the Form C.

Subscriber confirms that the Company has not (1) given any guarantee or representation as to the potential success, return, effect or benefit (either legal, regulatory, tax, financial, accounting or otherwise) of investment in the Securities or (2) made any representation to Subscriber regarding the legality of an investment in the REG CF SECURITIES under applicable legal investment or similar laws or regulations. In deciding to purchase the Securities, Subscriber is not relying on the advice or recommendations of the Company and Subscriber has made its own independent decision, alone or in consultation with its legal, tax and investment advisors, that the investment in the REG CF SECURITIES is suitable and appropriate for Subscriber.

- c. Valuation. Subscriber acknowledges that the price of the REG CF SECURITIES was set by the Company on the basis of the Company's internal valuation and no warranties are made as to value. Subscriber further acknowledges that future offerings of securities by the Company may be made at lower valuations, with the result that Subscriber's investment will bear a lower valuation.
- d. Risks of Investment. Subscriber understands that the Company is subject to all the risks that apply to early-stage companies, whether or not those risks are explicitly set out in the Form C. Subscriber has been given access to full and complete information regarding the Company (including the opportunity to submit questions to members of management of the Company, and review all of the documents described in the Form C and such other documents as Subscriber may have requested in writing) and have utilized such access to its satisfaction for the purpose of obtaining information in addition to, or verifying information included in, the Form C. Subscriber acknowledges that except as set forth herein, no representations or warranties have been made to Subscriber, or to its advisors or representatives, by the Company or others with respect to the business or prospects of the Company or its financial condition.

Subscriber understands that an investment in the REG CF SECURITIES is highly speculative and involves a high degree of risk. Subscriber believes the investment is suitable for Subscriber based on Subscriber's investment objectives and financial needs. Subscriber has adequate means for providing for Subscriber's current financial needs and personal contingencies and has no need for liquidity of investment with respect to the REG CF SECURITIES. Subscriber can bear the economic risk of an investment in the REG CF SECURITIES for an indefinite period of time and can afford a complete loss of such investment.

- e. Exempt Offering. Subscriber has been advised that the REG CF SECURITIES have not been registered under the Securities Act or under applicable state securities laws (the "State Laws") and is offered pursuant to exemptions from registration under the Securities Act and the State Laws. Subscriber understands that the Company's reliance on such exemptions is predicated in part on Subscriber's representations to the Company contained herein.
- f. No Cancellation. Subscriber understands that, except as outlined in the Form C or as permitted by applicable law, Subscriber is not entitled to cancel, terminate or revoke this subscription or any agreements hereunder and that this subscription and any such agreements shall survive Subscriber's death, incapacity, bankruptcy, dissolution or termination.
- g. Individual Investor Only: Subscriber is of legal age in its state of residence and has legal capacity to execute, deliver and perform its obligations under this Subscription Agreement

and to subscribe for and purchase the REG CF SECURITIES subscribed hereunder. The Subscription Agreement is Subscriber's legal, valid and binding obligation, enforceable against Subscriber in accordance with its terms.

- h. Entity Investor Only: Subscriber is duly organized, formed or incorporated, as the case may be, and is validly existing and in good standing under the laws of its jurisdiction of incorporation, organization or formation. Subscriber has all requisite power and authority to execute, deliver and perform its obligations under this Subscription Agreement and to subscribe for and purchase the REG CF SECURITIES subscribed hereunder. Subscriber will deliver all documentation with respect to its formation, governance and authorization to purchase the REG CF SECURITIES as may be requested by the Company. Execution, delivery and performance of this Subscription Agreement by Subscriber has been authorized by all necessary corporate, limited liability company or other action on its behalf, and the Subscription Agreement is its legal, valid and binding obligation, enforceable against Subscriber in accordance with its terms except (i) as limited by applicable bankruptcy, insolvency, reorganization, moratorium, and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief, or other equitable remedies and (iii) with respect to provisions relating to indemnification and contribution, as limited by considerations of public policy and by federal or state securities laws.

Subscriber has in place, and shall maintain, an appropriate anti-money laundering program that complies in all material respects with all applicable laws, rules and regulations (including, without limitation, the USA PATRIOT ACT of 2001) and that is designed to detect and report any activity that raises suspicion of money laundering activities. Subscriber has obtained all appropriate and necessary background information regarding its officers, directors and beneficial owners to enable Subscriber to comply with all applicable laws, rules and regulations respecting anti-money laundering activities.

- i. Legitimate Investment. Subscriber desires to invest in the REG CF SECURITIES for legitimate, valid and legal business and/or personal reasons and not with any intent or purpose to violate any law or regulation. The funds to be used to invest in the REG CF SECURITIES are derived from legitimate and legal sources, and neither such funds nor any investment in the REG CF SECURITIES (or any proceeds thereof) will be used by Subscriber or by any person associated with Subscriber to finance any terrorist or other illegitimate, illegal or criminal activity. Subscriber acknowledges that, due to anti-money laundering regulations, the Company (or its agents) may require further documentation verifying its identity and the source of funds used to purchase the REG CF SECURITIES. Subscriber did not derive any payment to the Company from, or related to, any activity that is deemed criminal under United States law.
- j. Not a Benefit Plan Investor. The Subscriber is not, nor is it acting on behalf of, a "benefit plan investor" within the meaning of 29 C.F.R. § 2510.3-101(f)(2), as modified by Section 3(42) of the Employee Retirement Income Security Act of 1974 (such regulation, the "**Plan Asset Regulation**", and a benefit plan investor described in the Plan Asset Regulation, a "**Benefit Plan Investor**"). For the avoidance of doubt, the term Benefit Plan Investor includes all employee benefit plans subject to Part 4, Subtitle B, Title I of ERISA, any plan to which Section 4975 of the Internal Revenue Code applies and any entity, including any insurance company general account, whose underlying assets constitute "plan assets", as defined under the Plan Asset Regulation, by reason of a Benefit Plan Investor's investment in such entity.
- k. Accuracy of Statements and Representations. Subscriber understands that the Company is relying on the accuracy of the statements contained in this Subscription Agreement in connection with the sale of the REG CF SECURITIES to Subscriber, and the REG CF

SECURITIES would not be sold to Subscriber if any part of this Subscription Agreement were untrue. The Company may rely on the accuracy of this Subscription Agreement in connection with any matter relating to the offer or sale of the REG CF SECURITIES.

- l. No Brokerage. There are no claims for brokerage commission, finders' fees or similar compensation in connection with the transactions contemplated by this Subscription Agreement or related documents based on any arrangement or agreement binding upon Subscriber.
 - m. Foreign Investors. If Subscriber is not a United States person (as defined by Section 7701(a)(30) of the Internal Revenue Code of 1986, as amended), Subscriber hereby represents that it has satisfied itself as to the full observance of the laws of its jurisdiction in connection with any invitation to subscribe for the Securities or any use of this Subscription Agreement, including (i) the legal requirements within its jurisdiction for the purchase of the Securities, (ii) any foreign exchange restrictions applicable to such purchase, (iii) any governmental or other consents that may need to be obtained, and (iv) the income tax and other tax consequences, if any, that may be relevant to the purchase, holding, redemption, sale, or transfer of the Securities. Subscriber's subscription and payment for and continued beneficial ownership of the Securities will not violate any applicable securities or other laws of Subscriber's jurisdiction.
- 4. Restrictions on Transfer of Securities, Automatic Conversion; Mandatory Redemption; Investment Intent; Market Stand-Off.**
- a. Transfer Restrictions; Generally. Subscriber agrees that Subscriber will not sell, assign, pledge, give, transfer or otherwise dispose of the Securities or any interest therein, or make any offer or attempt to do any of the foregoing, except pursuant to Section 227.501 of Regulation Crowdfunding and in compliance with the Company's Bylaws. Without limiting the foregoing, Subscriber agrees that, during the one-year period beginning on the date on which it acquired REG CF SECURITIES pursuant to this Subscription Agreement, it shall not transfer such securities except:
 - i. To the Company;
 - ii. To an "accredited investor" within the meaning of Rule 501 of Regulation D under the Securities Act;
 - iii. As part of an offering registered under the Securities Act with the SEC; or
 - iv. To a member of the Subscriber's family or the equivalent, to a trust controlled by the Subscriber, to a trust created for the benefit of a member of the family of the Subscriber or equivalent, or in connection with the death or divorce of the Subscriber or other similar circumstance.

Subscriber understands further that the Company has no obligation or intention to register any of the REG CF SECURITIES or any shares of capital stock of the Company (or any CF SPV Equity Interests, as defined in the Charter) issuable upon conversion of the REG CF SECURITIES (the REG CF SECURITIES and any such securities issued upon conversion thereof, the "Securities"), or to take action so as to permit sales pursuant to the Securities Act. Even when the Securities become freely transferable under the Securities Act, a secondary market in the Securities may not develop. Subscriber understands that for these and other reasons, Subscriber may not be able to liquidate an investment in the Securities for an indefinite period of time.

- b. Automatic Conversion. Subscriber understands, further, that pursuant to the terms of the Charter the REG CF SECURITIES will automatically convert into (1) voting shares of common stock of the Company upon the development of a Trading Market (as such term is defined therein) for the voting shares of common stock of the Company or (2) (if determined by the Board of Directors) CF SPV Equity Interests. Subscriber agrees that in the event Subscriber does not provide information or execute such documents as may be requested by the Company sufficient to affect such conversion in a timely manner, the Company may repurchase the Shares at a price to be determined in good faith by the Board of Directors.
- c. Mandatory Redemption. Subscriber understands that pursuant to the terms of the Charter the Company may (but is not required to) redeem all outstanding REG CF SECURITIES out of legally available funds, at a per share redemption price determined as follows (the “**Redemption Price**”):
 - i. If the redemption occurs on or prior to the 18 month anniversary of the original issue date of any of the REG CF SECURITIES, the per share redemption price shall equal one hundred and five percent (105%) of the purchase price paid for such shares.
 - ii. If the redemption occurs after the 18 month anniversary of the original issue date of any of the REG CF SECURITIES, the per share redemption price will equal to the greater of (A) the original per share price paid for such shares, plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon and (B) the fair market value (determined in good faith by the Board of Directors) of the REG CF SECURITIES as of the redemption date.
- d. Additional Repurchase Rights. In addition to the rights to repurchase shares in the event Subscriber becomes subject to a Disqualification Event (as set forth below), in the event that the Company (or any CF SPV, as defined in the Charter, if the REG CF SECURITIES have been converted into CF SPV Equity Securities) determines that it is likely that within twelve (12) months the securities of the Company (or of the CF SPV) will be held of record by a number of persons that would require the CF SPV or the Company (each a “**CF Issuer**”) to register a class of its equity securities under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), as required by Section 12(g) or 15(d) thereof, the CF Issuer shall have the option to repurchase any or all of the Securities from each Subscriber to the extent necessary to avoid the requirement to register a class of such CF Issuer’s securities under the Exchange Act. Such repurchase shall be made at a per share purchase price equal to the then effective Redemption Price.
- e. Restrictions on Transfer and ROFR in Bylaws; Legends. Subscriber understands that in addition to the transfer restrictions applicable under Section 227.501 of Regulation Crowdfunding, any sale, transfer, pledge or other disposition of any of the Securities by Subscriber (i) will require the prior written consent of the Company and compliance with all other transfer restrictions applicable to the Securities (including without limitation the drag-along provisions set forth below and such transfer restrictions, rights of first refusal benefiting the Company set forth in the Company’s Organizational Documents), and (ii) will be further restricted by a legend placed on any certificate(s) or other instrument representing the Securities containing substantially the following language:

“THESE SECURITIES HAVE BEEN ISSUED PURSUANT TO SECTION 4(A)(6) OF THE SECURITIES ACT OF 1933, AS AMENDED (THE “**SECURITIES ACT**”), AND NEITHER THESE SECURITIES NOR ANY SECURITIES ISSUABLE UPON CONVERSION HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OR THE SECURITIES

LAWS OF ANY STATE. THESE SECURITIES MAY NOT BE OFFERED, SOLD OR OTHERWISE TRANSFERRED, PLEDGED OR HYPOTHECATED EXCEPT AS PERMITTED BY RULE 501 OF REGULATION CROWDFUNDING UNDER THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS OR PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT OR AN EXEMPTION THEREFROM."

"THESE SECURITIES ARE SUBJECT TO A TRANSFER RESTRICTION, AS PROVIDED IN THE BYLAWS OF THE CORPORATION."

"THESE SECURITIES ARE SUBJECT TO A RIGHT OF FIRST REFUSAL OPTION IN FAVOR OF THE CORPORATION AND/OR ITS ASSIGNEE(S), AS PROVIDED IN THE BYLAWS OF THE CORPORATION."

"THE SECURITIES REPRESENTED HEREBY ARE SUBJECT TO CERTAIN DRAG-ALONG PROVISIONS, AS PROVIDED IN AN AGREEMENT BETWEEN THE HOLDER AND THE CORPORATION."

"THESE SECURITIES ARE SUBJECT TO MANDATORY REDEMPTION AND AUTOMATIC CONVERSION, AS PROVIDED IN THE CERTIFICATE OF INCORPORATION OF THE COMPANY."

"THESE SECURITIES ARE SUBJECT TO REPURCHASE BY THE COMPANY, AS PROVIDED IN A SUBSCRIPTION AGREEMENT ENTERED INTO BETWEEN THE HOLDER AND THE COMPANY."

as well as any additional legends deemed reasonably necessary by the Company for purposes of compliance by the Company with claimed exemptions under the Securities Act or applicable State Laws or foreign laws, including, but not limited to, restricting transfers of Securities to residents of a particular state for a defined period.

Notwithstanding anything contained in the Organizational Documents to the contrary, if the Board of Directors determines in good faith that issuance or delivery of shares of capital stock or other securities (the "Future Securities") to the Subscriber in connection with any recapitalization or change in control of the Company, irrespective of whether it is related to the exercise of any drag-along provisions set forth in the Organizational Documents or in any contract applicable to the securities, would violate applicable law, rule or regulation (including without limitation applicable State Law or the Securities Act), then the Subscriber's right to receive the Future Securities (or to make a choice about the form of consideration to be received in such transaction) may be limited and Subscriber may be required to accept a cash payment equal to the fair market value of such Future Securities, as determined in good faith by the Board of Directors.

- f. **"Market Stand-Off" Agreement.** To the extent requested by the Company or an underwriter of securities of the Company, Subscriber, and any transferee of Subscriber (each, a **"Stockholder"**), will not, without the prior written consent of the managing underwriters in the IPO (as defined below), offer, sell, make any short sale of, grant or sell any option for the purchase of, lend, pledge, otherwise transfer or dispose of (directly or indirectly), enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership (whether any such transaction is described above or is to be settled by delivery of Securities or other securities, in cash, or otherwise), any Securities or other shares of stock of the Company then owned by such Stockholder, or

enter into an agreement to do any of the foregoing, for up to 180 days following the effective date of the registration statement of the initial public offering of the Company (the “**IPO**”) filed under the Securities Act. For purposes of this section, “Company” includes any wholly owned subsidiary of the Company into which the Company merges or consolidates. The Company may place restrictive legends on any certificates representing the shares subject to this section and may impose stop transfer instructions with respect to the Securities and such other shares of stock of each Stockholder (and the shares or securities of every other Person subject to the foregoing restriction) until the end of such period. Each Stockholder will enter into any agreement reasonably required by the underwriters to the IPO to implement the foregoing within any reasonable timeframe so requested. Notwithstanding any other provision contained herein to the contrary, the underwriters for any IPO are intended third-party beneficiaries of this section and will have the right, power and authority to enforce the provisions of this section as though they were parties hereto.

- g. **Drag -Along Right.** In the event that (i) the Board and (ii) the holders of a majority of the then outstanding shares of capital stock of the Company entitled to vote thereon (the “**Qualified Majority**”) elect to effect a Sale of the Company (other than to any of their related persons or affiliates), the corporation shall have the right (the “**Drag-Along Right**”), but not the obligation, to require Subscriber to transfer all of the Securities (and all rights or interests therein) to the purchaser in such Sale of the Company on the same terms and conditions as the Qualified Majority. If the Drag-Along Right is exercised by the Company, Subscriber shall take such actions as may be reasonably requested by the Company to consummate the Sale of the Company, including but not limited to waiving any dissenter's appraisal and other similar rights in connection with the Sale of the Company and making any representations, covenants, and indemnities to the purchaser as are made by the Qualified Majority. For these purposes, a “**Sale of the Company**” shall mean either: (a) a transaction or series of related transactions in which a person, or a group of related persons, acquires from stockholders of the corporation shares representing more than fifty percent (50%) of the outstanding voting power of the corporation; or (b) a transaction that qualifies as a “**Deemed Liquidation Event**” as such term is defined in the Organizational Documents.

5. Accuracy of Information and Investor Qualifications; Indemnity; Notices and Electronic Delivery.

- a. **Accuracy of Profile Information and Investor Qualification.** In the process of submitting Subscriber's pledge to subscribe for REG CF SECURITIES through the Intermediary, Subscriber completed an investor profile pursuant to which Subscriber provided certain information regarding Subscriber and its desire to invest in the REG CF SECURITIES (the “**Profile Information**”). Subscriber hereby represents and warrants to the Company and the Intermediary that any and all such information provided to the Intermediary, including, but not limited to, information regarding its status as an accredited or non-accredited investor, its financial situation, income, net worth and/or assets, its prior investment history and its experience in investing in private placements of securities of this nature, including through offerings of securities in crowdfunding offerings under Rule 4(a)(6) of the Securities Act, is true, complete and accurate in all respects as of the effective date of this Subscription Agreement and as of the Closing Date. Subscriber understands and acknowledges that the Company and the Intermediary are relying on the accuracy of the Profile Information, and the REG CF SECURITIES would not be sold to Subscriber if any part of such information were untrue. Subscriber hereby agrees that the Company and the Intermediary may rely on the accuracy of such information in connection with any matter relating to the offer or sale of the REG CF SECURITIES to Subscriber. If any statement contained in the Profile Information becomes, for any reason, inaccurate, Subscriber shall immediately notify the Company and the Intermediary, and Subscriber

understands and acknowledges that the continued accuracy of the statements contained in this Subscription Agreement and in the Profile Information are of the essence to the Company's sale of the REG CF SECURITIES to Subscriber.

- b. **Electronic Delivery.** Subscriber hereby consents to the delivery of any and all notices by electronic transmission for all purposes and to the fullest extent permitted by law, including the fullest extent set forth in Section 232 of the General Corporation Law of the State of Delaware. Subscriber acknowledges and agrees that any approval or consent of a REG CF SECURITIES holder required hereunder, any agreement in effect with respect to the Securities, or the Company's Organizational Documents may be provided by a signature page delivered or provided electronically, whether by e-signature, facsimile, DocuSign, electronic mail in portable delivery format or other similar means. If by electronic mail, such notices shall be sent to the electronic mail address set forth below the Subscriber's name on the signature page or to such other electronic mail address as shall be designated by the Subscriber in a written notice sent to the Company at the address on the cover page of this Subscription Agreement. If by posting on an electronic network, such notices shall be posted for at least five (5) business days on the Company's web site (or a platform hosted by an agent of the Company) and the Subscriber shall be notified of such posting at least three (3) business days' in advance either (i) by electronic mail complying as to delivery with the terms set forth above or (ii) by written notice to the Subscriber at the address set forth in the Company's records. Subscriber further acknowledges that the Company may rely on the contact information Subscriber has provided in this Subscription Agreement, including for purposes of confirming that information has been delivered to Subscriber or that responses received from Subscriber are in fact from Subscriber.

6. Regulation Crowdfunding and "Bad Actor" Compliance.

Subscriber hereby represents that none of the "bad actor" disqualifying events described in Rule 503 of Regulation Crowdfunding promulgated under the Securities Act (a "**Disqualification Event**") is applicable to Subscriber or any of its Rule 503 Related Parties. For purposes of this Agreement, "**Rule 503 Related Party**" shall mean with respect to any person, any other person that is a beneficial owner of such Subscriber's securities for purposes of Rule 503 of Regulation Crowdfunding. Subscriber agrees that, if Subscriber owns twenty percent (20%) or more of the Company's outstanding shares of capital stock or otherwise becomes subject to Rule 503 of Regulation Crowdfunding with respect to the Company at any time, Subscriber will complete, and cause any of its directors, officers, managers, partners or owners who is a beneficial owner of twenty percent (20%) or more of Subscriber's outstanding shares of capital stock to complete, a "**Disqualification Event Questionnaire**" containing representations as to potential Disqualification Events, and such questionnaire shall constitute a representation and warranty by Subscriber under this Subscription Agreement. Subscriber will immediately notify the Company in writing if it becomes subject to a Disqualification Event at any date after Subscriber completes a Disqualification Event Questionnaire. If Subscriber becomes subject to a Disqualification Event at any date after the date that Subscriber completes a Disqualification Event Questionnaire, Subscriber agrees and covenants to use Subscriber's best efforts to coordinate with the Company (i) to provide documentation as reasonably requested by the Company related to any such Disqualification Event and (ii) to remedy such Disqualification Event (including, in the sole discretion of the Company, through the repurchase of all or any portion of the Securities from the Subscriber, out of funds legally available therefor, at the then effective Redemption Price) such that the Disqualification Event will not affect in any way the Company's or its affiliates' ongoing and/or future reliance on

the exemptions available under Regulation Crowdfunding promulgated under the Securities Act.

7. Other.

- a. Additional Information. Subscriber agrees to furnish any additional information that the Company or its counsel deems necessary to verify the responses set forth above. Within five days after receipt of a request from the Company, Subscriber hereby agrees to provide such information with respect to its status as an investor (or potential investor) and to execute and deliver such documents as may reasonably be necessary to comply the terms of this Agreement and with any and all laws and regulations to which the Company is or may become subject. **Subscriber further agrees that, in the event it transfers any Securities, it will require the transferee of such Securities to agree to provide such information to the Company as a condition of such transfer.**
- b. Survival; Indemnification. Subscriber understands the meaning and legal consequences of the agreements, representations and warranties contained herein. Subscriber agrees that such agreements, representations and warranties shall survive and remain in full force and effect after the execution hereof and payment for the REG CF SECURITIES. The Subscriber agrees to indemnify and hold harmless the Company and its respective officers, directors and affiliates, and each other person, if any, who controls the Company within the meaning of Section 15 of the Securities Act against any and all loss, liability, claim, damage and expense whatsoever (including, but not limited to, any and all reasonable attorneys' fees, including attorneys' fees on appeal) and expenses reasonably incurred in investigating, preparing or defending against any false representation or warranty or breach of failure by the Subscriber to comply with any covenant or agreement made by the Subscriber herein or in any other document furnished by the Subscriber to any of the foregoing in connection with this transaction.
- c. Choice of Law; Jurisdiction; Waiver of Jury Trial. This Subscription Agreement shall be construed and interpreted in accordance with Delaware law, without regard to Delaware's choice of laws provisions.

EACH OF THE SUBSCRIBER AND THE COMPANY CONSENT TO THE JURISDICTION OF ANY STATE OR FEDERAL COURT OF COMPETENT JURISDICTION LOCATED WITHIN DELAWARE AND NO OTHER PLACE AND IRREVOCABLY AGREES THAT ALL ACTIONS OR PROCEEDINGS RELATING TO THIS SUBSCRIPTION AGREEMENT MAY BE LITIGATED IN SUCH COURTS. EACH OF THE SUBSCRIBERS AND THE COMPANY ACCEPTS FOR ITSELF AND HIMSELF AND IN CONNECTION WITH ITS AND HIS RESPECTIVE PROPERTIES, GENERALLY AND UNCONDITIONALLY, THE EXCLUSIVE JURISDICTION OF THE AFORESAID COURTS AND WAIVES ANY DEFENSE OF FORUM NON CONVENIENS, AND IRREVOCABLY AGREES TO BE BOUND BY ANY JUDGMENT RENDERED THEREBY IN CONNECTION WITH THIS SUBSCRIPTION AGREEMENT. EACH OF SUBSCRIBER AND THE COMPANY FURTHER IRREVOCABLY CONSENTS TO THE SERVICE OF PROCESS OUT OF ANY OF THE AFOREMENTIONED COURTS IN THE MANNER AND IN THE ADDRESS SPECIFIED ON THE COVER PAGE AND THE SIGNATURE PAGE OF THIS SUBSCRIPTION AGREEMENT.

EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES ALL RIGHT TO TRIAL BY JURY IN ANY ACTION, PROCEEDING OR COUNTERCLAIM (WHETHER BASED IN CONTRACT, TORT OR OTHERWISE) ARISING OUT OF OR RELATING TO THIS SUBSCRIPTION AGREEMENT OR THE ACTIONS OF EITHER PARTY IN THE NEGOTIATION, ADMINISTRATION, PERFORMANCE AND

ENFORCEMENT THEREOF, EACH OF THE PARTIES HERETO ALSO WAIVES ANY BOND OR SURETY OR SECURITY UPON SUCH BOND WHICH MIGHT, BUT FOR THIS WAIVER, BE REQUIRED OF SUCH PARTY. EACH OF THE PARTIES HERETO FURTHER WARRANTS AND REPRESENTS THAT IT KNOWINGLY AND VOLUNTARILY WAIVES ITS JURY TRIAL RIGHTS. THIS WAIVER IS IRREVOCABLE, MEANING THAT IT MAY NOT BE MODIFIED EITHER ORALLY OR IN WRITING, AND THIS WAIVER SHALL APPLY TO ANY SUBSEQUENT AMENDMENTS, RENEWALS, SUPPLEMENTS OR MODIFICATIONS TO THIS SUBSCRIPTION AGREEMENT. IN THE EVENT OF LITIGATION, THIS SUBSCRIPTION AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.

- d. Invalidity. The invalidity, illegality or unenforceability of one or more of the provisions of this Subscription Agreement in any jurisdiction shall not affect the validity, legality or enforceability of the remainder of this Subscription Agreement in such jurisdiction or the validity, legality or enforceability of this Subscription Agreement, including any such provision, in any other jurisdiction, it being intended that all rights and obligations of the parties hereunder shall be enforceable to the fullest extent permitted by law.
- e. Recapitalization. If any recapitalization or other transaction affecting the stock of the Company is affected, then any new, substituted or additional securities or other property which is distributed with respect to the Securities shall be immediately subject to this Subscription Agreement, to the same extent that the Securities, immediately prior thereto, shall have been covered by this Subscription Agreement.
- f. Miscellaneous.
 - i. This Subscription Agreement supersedes all prior discussions and agreements between the parties with respect to the subject matter hereof and contains the sole and entire agreement between the parties hereto with respect to the subject matter hereof. This Subscription Agreement is not transferable or assignable by Subscriber.
 - ii. This Subscription Agreement is not transferable or assignable by Subscriber.
 - iii. The representations, warranties and agreements contained herein shall be deemed to be made by and be binding upon Subscriber and its heirs, executors, administrators and successors and shall inure to the benefit of the Company and its successors and assigns.
 - iv. None of the provisions of this Subscription Agreement may be waived, changed or terminated orally or otherwise, except as specifically set forth herein or except by a writing signed by the Company and Subscriber.
 - v. This Subscription Agreement may be executed in any number of counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument.
 - vi. No failure or delay by any party in exercising any right, power or privilege under this Subscription Agreement shall operate as a waiver thereof nor shall any single or partial exercise thereof preclude any other or further exercise thereof or the exercise of any other right, power or privilege. The rights and remedies herein provided shall be cumulative and not exclusive of any rights or remedies provided by law.

EXHIBIT C
CERTIFICATE OF INCORPORATION
and
BYLAWS

Delaware

The First State

Page 1

*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE RESTATED CERTIFICATE OF "QUADVANTAGE TECHNOLOGY,
INC.", FILED IN THIS OFFICE ON THE THIRTEENTH DAY OF JUNE, A.D.
2022, AT 3:16 O`CLOCK P.M.*




Jeffrey W. Bullock, Secretary of State



You may verify this certificate online at corp.delaware.gov/authver.shtml

20220630

QUADVANTAGE TECHNOLOGY, INC.**AMENDED AND RESTATED CERTIFICATE OF INCORPORATION**

(Pursuant to Sections 242 and 245 of the
General Corporation Law of the State of Delaware)

QuadVantage Technology, Inc., a corporation organized and existing under and by virtue of the provisions of the General Corporation Law of the State of Delaware (the "**General Corporation Law**"), hereby certifies as follows.

1. The name of this corporation is QuadVantage Technology, Inc. This corporation was originally incorporated pursuant to the General Corporation Law on October 2, 2018.

2. The Board of Directors of this corporation duly adopted resolutions proposing to amend and restate the Certificate of Incorporation of this corporation, declaring said amendment and restatement to be advisable and in the best interests of this corporation and its stockholders, and authorizing the appropriate officers of this corporation to solicit the consent of the stockholders therefor, which resolution setting forth the proposed amendment and restatement is as follows.

RESOLVED, that the Certificate of Incorporation of this corporation be amended and restated in its entirety to read as set forth on Exhibit A attached hereto and incorporated herein by this reference.

3. Exhibit A referred to above is attached hereto as Exhibit A and is hereby incorporated herein by this reference.

4. This Amended and Restated Certificate of Incorporation was approved by the holders of the requisite number of shares of this corporation in accordance with Section 228 of the General Corporation Law.

5. This Amended and Restated Certificate of Incorporation, which restates and integrates and further amends the provisions of this corporation's Certificate of Incorporation, has been duly adopted in accordance with Sections 242 and 245 of the General Corporation Law.

IN WITNESS WHEREOF, this Amended and Restated Certificate of Incorporation has been executed by a duly authorized officer of this corporation on the date set forth below.

DocuSigned by:
By: Thomas Gutierrez
B3CDDA8ADF814D1...

Name: Tom Gutierrez

Title: President and Chief Executive Officer

Date: 6/10/2022

State of Delaware
Secretary of State
Division of Corporations
Delivered 03:16 PM 06/13/2022
FILED 03:16 PM 06/13/2022

SR 20222705304 - File Number 7083604

EXHIBIT A

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF QUADVANTAGE TECHNOLOGY, INC.

Pursuant to Section 102 of the General Corporation Law of Delaware, the undersigned hereby submits this Certificate of Incorporation for the purposes of forming a business corporation.

ARTICLE I

The name of the corporation is QuadVantage Technology, Inc. (the “**Company**”).

ARTICLE II

The address of the registered office of the Company in the State of Delaware is 2140 S. Dupont Highway, Camden, Kent County, Delaware 19934, and the name of the registered agent is Paracorp Incorporated.

ARTICLE III

The purpose of the Company is to engage in any lawful act or activity for which corporations may be organized under the Delaware General Corporation Law as the same exists or may hereafter be amended (the “**DGCL**”).

ARTICLE IV

The total number of shares which the Company shall have authority to issue is Fourteen Million One Hundred Thousand (14,100,000) shares of capital stock, \$0.001 par value per share, of which (a) Nine Million (9,000,000) shares shall be Class A Voting Common Stock (the “**Class A Voting Common Stock**”), (b) Three Million (3,000,000) shares shall be Class B Nonvoting Common Stock (the “**Class B Nonvoting Common Stock**”), and, collectively with the Class A Voting Common Stock, the “**Common Stock**”), and (c) Two Million One Hundred Thousand (2,100,000) shall be preferred stock. Preferred stock may be issued from time to time in one or more series, each of such series to consist of such number of shares and to have such terms, rights, powers and preferences, and the qualifications and limitations with respect thereto, as stated or expressed herein. As of the effective date of this Amended and Restated Certificate of Incorporation (the “**Restated Certificate**”), Two Million One Hundred Thousand (2,100,000) shares of preferred stock are hereby designated the “**Series CF Nonvoting Preferred Stock**” or the “**Preferred Stock**”.

The following is a statement of the designations, preferences, voting powers (or lack thereof), relative, participating, optional or other special rights and privileges, and the qualifications, limitations and restrictions thereof in respect of each class of capital stock of the Company.

A. Class A Voting Common Stock.

1. Dividends. The voting, dividend and liquidation rights of the holders of Class A Voting Common Stock are subject to and qualified by the rights, powers and privileges of the holders of Preferred Stock set forth in this Restated Certificate. Otherwise, dividends may be paid on the Class A Voting Common Stock as and when declared by the Board of Directors of the Company consistent with applicable law, except that no dividends shall be paid on the Class A Voting Common Stock unless the same dividend shall be concurrently declared and paid on the Class B Nonvoting Common Stock.

2. Voting Rights. Except as otherwise required by applicable law, the holders of the Class A Voting Common Stock shall be entitled to one vote for each share so held with respect to all matters voted on by the stockholders of the Company.

3. Liquidation Rights. Upon any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Company, the holders of the Class A Voting Common Stock shall be entitled to receive that portion of the funds to be distributed to the holders of the Common Stock on a pro rata basis with the holders of the Class B Nonvoting Common Stock, subject to any preferential rights of any then outstanding Preferred Stock. Such funds shall be paid to the holders of the Class A Voting Common Stock on the basis of the number of shares so held by each of them.

B. Class B Nonvoting Common Stock

1. Dividends. The voting, dividend and liquidation rights of the holders of Class B Nonvoting Common Stock are subject to and qualified by the rights, powers and privileges of the holders of Preferred Stock set forth in this Restated Certificate. Otherwise, dividends may be paid on the Class B Nonvoting Common Stock as and when declared by the Board of Directors of the Company consistent with applicable law, except that no dividends shall be paid on the Class B Nonvoting Common Stock unless the same dividend shall be concurrently declared and paid on the Class A Voting Common Stock.

2. Voting Rights. Except as otherwise required by applicable law, the holders of the Class B Nonvoting Common Stock shall not be entitled to vote.

3. Liquidation Rights. Upon any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Company, the holders of the Class B Nonvoting Common Stock shall be entitled to receive that portion of the funds to be distributed to the Common Stock on a pro rata basis with the holders of the Class A Voting Common Stock, subject to any preferential rights of any then outstanding Preferred Stock. Such funds shall be paid to the holders of the Class B Nonvoting Common Stock on the basis of the number of shares so held by each of them.

4. Mandatory Conversion.

a. Shares of Class B Nonvoting Common Stock shall be converted on a one-for-one (1-for-1) share basis, as adjusted for stock dividends, stock divisions or combinations, into shares of Class A Voting Common Stock as and when declared by the Board of Directors and

approved by the holders of at least sixty-five percent (65%) of the then issued and outstanding shares of Class A Voting Common Stock.

b. Each share of Class B Nonvoting Common Stock which remains outstanding immediately prior to the date of the closing of an underwritten public offering pursuant to an effective registration statement under the Securities Act of 1933, as amended, covering the offering and sale of Common Stock for the account of the Company (the "IPO") shall automatically be converted into one (1) share of Class A Voting Common Stock, as adjusted for stock dividends, stock divisions or combinations immediately prior to, and contingent upon, the closing of the IPO.

c. All holders of shares of Class B Nonvoting Common Stock subject to the mandatory conversion provisions set forth in (a) and (b) above, shall be given at least ten (10) days prior written notice of the date fixed and place designated for mandatory conversion of the Class B Nonvoting Common Stock. Such notice shall be sent by first class mail, postage pre-paid, to each holder of the Class B Nonvoting Common Stock at such holder's address as shown on the records of the Company. On or before the date so fixed for conversion, each such holder of shares of Class B Nonvoting Common Stock shall surrender his certificate(s) for all such shares to the Company at the place designated in such notice and shall thereafter receive certificate(s) for the number of shares of Class A Voting Common Stock to which the holder is entitled.

C. Preferred Stock

The following rights, powers, privileges, restrictions, qualifications and limitations apply to Preferred Stock. Unless otherwise indicated, references to "Sections" in this Part C of this Article IV refer to sections of this Part C.

1. Dividends.

a. Discretionary Dividends. The holders of outstanding shares of Preferred Stock shall be entitled to receive in any fiscal year of the Company, when and as declared by the Board, out of any assets at the time legally available therefor, before any dividend or other distributions shall be declared and paid upon or set aside for the Common Stock in such fiscal year, dividends or other distributions payable in cash or other property in an amount per share of Preferred Stock for such fiscal year at least equal to the product of (a) the per share amount, if any, of the dividend or other distribution declared, paid or set aside for the Common Stock in such fiscal year, multiplied by (b) the number of shares (including fractional shares) of Common Stock into which each such share of Preferred Stock is convertible immediately after the close of business on the record date fixed for such dividend. The right to such dividends or other distributions on shares of Preferred Stock shall not be cumulative, and no right shall accrue to holders of shares of Preferred Stock by reason of the fact that dividends on such shares are not declared in any prior year, nor shall any undeclared or unpaid dividend bear or accrue interest.

b. Series CF Nonvoting Preferred Stock Mandatory Dividends. In addition to any rights under Section 1.a above, each share of Series CF Nonvoting Preferred Stock, shall be entitled to receive a mandatory dividend equal to 5% of the original issue price of \$2.50 per share (the "*Original Issue Price*") for each share of such series of Preferred Stock, per annum, payable

when and as declared by the Board of Directors (the “*Accruing Dividends*”). Any such dividend which is not paid shall accrue annually on each succeeding twelve (12) month anniversary of the date on which the first share of a such series of Preferred Stock was issued by the Company (the “*Original Issue Date*”). All such dividends shall accrue on each share of Series CF Nonvoting Preferred Stock from the Original Issue Date of such series of Preferred Stock, whether or not such dividend is declared. Such dividend shall be payable (i) in cash upon a Deemed Liquidation Event (as defined below) or a redemption of the Series CF Nonvoting Preferred Stock, (ii) through conversion into shares of Common Stock at a conversion price equal to the Original Issue Price of such series of Preferred Stock upon any conversion of such series of Preferred Stock, and (iii) at such other times as are determined by the Board of Directors, out of any assets at the time legally available therefor and subject to any other applicable provisions set forth herein. The holders of Common Stock shall not share in any dividends payable to the holders of Series CF Nonvoting Preferred Stock pursuant to this Section 1.b.

2. Voting Rights.

a. Except as otherwise required by applicable law, the holders of Series CF Nonvoting Preferred Stock shall not be entitled to vote. In connection with any right to vote required by applicable law, each holder of Series CF Nonvoting Preferred Stock will have one vote for each share of Common Stock into which the Series CF Nonvoting Preferred Stock may be converted (other than any vote required by applicable law to be among the class of Preferred Stock, in which case, each share of Series CF Nonvoting Preferred Stock shall have one vote per share).

b. The number of authorized shares of Series CF Nonvoting Preferred Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of shares of capital stock of the Company representing a majority of the votes represented by all outstanding shares of capital stock of the Company entitled to vote, irrespective of the provisions of Section 242(b)(2) of the General Corporation Law.

3. Liquidation Rights.

a. Preferential Payments to Holders of Preferred Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Company, the holders of shares of Preferred Stock then outstanding shall be entitled to be paid out of the assets of the Company available for distribution to its stockholders, and in the event of a Deemed Liquidation Event (as defined below), the holders of shares of Preferred Stock then outstanding shall be entitled to be paid out of the consideration payable to stockholders in such Deemed Liquidation Event before any payment shall be made to the holders of Common Stock by reason of their ownership thereof, an amount per share equal to the greater of (i) one (1) times the applicable Original Issue Price, plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon, or (ii) such amount per share as would have been payable had all shares of Preferred Stock (plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon) been converted into Common Stock at a conversion rate of one (1) share of Series CF Nonvoting Preferred Stock for one (1) share of Common Stock (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Common Stock) immediately prior to such liquidation, dissolution, winding up or Deemed

Liquidation Event (the amount payable pursuant to this sentence is hereinafter referred to as the “**Liquidation Amount**”). If upon any such liquidation, dissolution or winding up of the Company or Deemed Liquidation Event, the assets of the Company available for distribution to its stockholders shall be insufficient to pay the holders of shares of Preferred Stock the full amount to which they shall be entitled under this Section 3.a, the holders of shares of Preferred Stock shall share ratably in any distribution of the assets available for distribution in proportion to the respective amounts which would otherwise be payable in respect of the shares held by them upon such distribution if all amounts payable on or with respect to such shares were paid in full.

b. Payments to Holders of Common Stock. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Company, after the payment in full of all Liquidation Amounts required to be paid to the holders of shares of Preferred Stock, the remaining assets of the Company available for distribution to its stockholders or, in the case of a Deemed Liquidation Event, the consideration not payable to the holders of shares of Preferred Stock pursuant to Section 3.a shall be distributed among the holders of shares of Common Stock, pro rata based on the number of shares held by each such holder.

c. Deemed Liquidation Events.

i. Definition. Each of the following events shall be considered a “**Deemed Liquidation Event**” unless the holders of at least a majority of the outstanding shares of Preferred Stock (the “**Requisite Holders**”) elect otherwise by written notice sent to the Company at least 5 days prior to the effective date of any such event:

1. a merger or consolidation in which

a. the Company is a constituent party or

b. a subsidiary of the Company is a constituent party and the Company issues shares of its capital stock pursuant to such merger or consolidation,

except any such merger or consolidation involving the Company or a subsidiary in which the shares of capital stock of the Company outstanding immediately prior to such merger or consolidation continue to represent, or are converted into or exchanged for shares of capital stock that represent, immediately following such merger or consolidation, at least a majority, by voting power, of the capital stock of (1) the surviving or resulting corporation; or (2) if the surviving or resulting corporation is a wholly owned subsidiary of another corporation immediately following such merger or consolidation, the parent corporation of such surviving or resulting corporation; or

2. (A) the sale, lease, transfer, exclusive license or other disposition, in a single transaction or series of related transactions, by the Company or any subsidiary of the Company of all or substantially all the assets of the Company and its subsidiaries taken as a whole or (B) the sale or disposition (whether by merger, consolidation or otherwise, and whether in a single transaction or a series of related transactions) of one (1) or more subsidiaries of the Company if substantially all of the assets of the Company and its subsidiaries taken as a whole are held by such subsidiary or subsidiaries, except where such sale, lease, transfer, exclusive license or other disposition is to a wholly owned subsidiary of the Company.

d. Effecting a Deemed Liquidation Event. The Company shall not have the power to effect a Deemed Liquidation Event referred to in Section 3.c.i.1.a unless the agreement or plan of merger or consolidation for such transaction provides that the consideration payable to the stockholders of the Company in such Deemed Liquidation Event shall be allocated to the holders of capital stock of the Company in accordance with Sections 3.a and 3.b.

4. Automatic Conversion.

a. Defined Terms: For purposes hereof:

i. ***“Automatic Conversion Time”*** shall mean either a Trading Market Automatic Conversion Time (as defined below) or the CF-SPV Automatic Conversion Time (as defined below).

ii. A ***“CF SPV”*** shall mean a special-purpose vehicle or other entity designed to aggregate the interests of holders of outstanding securities issued pursuant to Section 4(a)(6) of the Securities Act of 1933, as amended (***“Regulation CF”***).

iii. The ***“CF SPV Equity Interests”*** shall mean the equity interests of the CF SPV issued upon conversion of the Series CF Nonvoting Preferred Stock.

iv. The ***“Conversion Equity”*** shall mean the shares of Traded Stock (as defined below) and/or CF SPV Equity Interests issued to the holders of Series CF Nonvoting Preferred Stock pursuant to this Section 4.

v. ***“Trading Market”*** means that (i) shares of Traded Stock (as defined below) are listed for trading (whether or not in connection with an initial public offering of such shares), (ii) that one or more registered broker-dealers are quoting bids and asked prices on the Traded Stock, (iii) or that transfers of the Traded Stock are being effected through an Automated Trading System (ATS) regulated by the Securities and Exchange Commission or are being transferred through a regulated or unregulated public or private blockchain or other transfer system in which buyers and sellers can effect transactions, provided that in the case of clauses (ii) and (iii) the Board of Directors of the Company has authorized the trading system.

b. Automatic Conversion Triggers. In addition to any contractual conversion rights set forth in any agreement between the Company and any holder of shares of Series CF Nonvoting Preferred Stock:

i. upon the development of any Trading Market for the shares of Common Stock or other class into which the Common Stock is reorganized (collectively, ***“Traded Stock”***), then all outstanding shares of Series CF Nonvoting Preferred Stock (plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon) shall automatically be converted into shares of Traded Stock, at a conversion rate of one (1) share of Series CF Nonvoting Preferred Stock for one (1) share of the Traded Stock (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the Traded Stock)(the time of such event, the ***“Trading Market Automatic Conversion Time”***); provided, however, that the Company may require each holder of Series CF Nonvoting Preferred Stock to enter into a customary market

standoff agreement in a form acceptable to the Company before any shares of Traded Stock may be issued to such holder.

ii. in the event the Board of Directors of the Company determines in good faith that it is advisable to for the Company to utilize a CF SPV in the future, then all outstanding shares of Series CF Nonvoting Preferred Stock (plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon) shall automatically be converted into CF SPV Equity Interests, at a conversion rate of one (1) share of Series CF Nonvoting Preferred Stock for one (1) unit or corresponding membership interest in the CF SPV (subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other similar recapitalization with respect to the CF SPV Equity Interests)(the time of such event, the "*CF SPV Automatic Conversion Time*"); provided, however, that the Company may require each holder of Series CF Nonvoting Preferred Stock to enter into an operating agreement that complies with the requirements of Regulation CF, a subscription agreement and/or market standoff agreement in a form acceptable to the Company before any CF SPV Equity Interests may be issued to such holder.

c. Mechanics of Conversion. In the event of mandatory conversion pursuant to subparagraph 4.b, all affected holders of record of shares of Series CF Nonvoting Preferred Stock shall be sent written notice of such conversion and the place designated for conversion of all such shares of Series CF Non-Voting Stock pursuant thereto. Such notice need not be sent in advance. Upon receipt of such notice, each holder of shares of Series CF Nonvoting Preferred Stock in certificated form (if any) shall surrender his, her or its certificate or certificates for all such shares (or, if such holder alleges that such certificate has been lost, stolen or destroyed, a lost certificate affidavit and agreement reasonably acceptable to the Company to indemnify the Company against any claim that may be made against the Company on account of the alleged loss, theft or destruction of such certificate) to the Company at the place designated in such notice. If so required by the Company, any certificates surrendered for conversion shall be endorsed or accompanied by written instrument or instruments of transfer, in form satisfactory to the Company, duly executed by the registered holder or by his, her or its attorney duly authorized in writing. All rights with respect to the Series CF Nonvoting Preferred Stock converted pursuant hereto, including the rights, if any, to receive notices and, to the extent provided by applicable law, vote (other than as a holder of Conversion Equity) with respect to such shares, will terminate at the Automatic Conversion Time (notwithstanding the failure of the holder or holders thereof to surrender any certificates at or prior to such time), except only for the rights of the holders thereof, upon surrender of any certificate or certificates of such holders (or lost certificate affidavit and agreement) therefor, to receive the items provided for in the following sentence. As soon as practicable following the Automatic Conversion Time, the Company shall issue and deliver to such holder, or to his, her or its nominees, either by a certificate or certificates for, or book entry of, the number of full shares or interest of Conversion Equity issuable on such conversion in accordance with the provisions hereof. Any shares of Series CF Nonvoting Preferred Stock converted shall be retired and cancelled and may not be reissued as shares of such series, and the Company may thereafter take such appropriate action (without the need for stockholder action) as may be necessary to reduce the authorized number of shares of Series CF Nonvoting Preferred Stock and/or Preferred Stock accordingly.

5. Mandatory Redemption.

a. At any time (in its sole discretion), the Company, by written notice to the holders of Series CF Nonvoting Preferred Stock in accordance with the terms hereof, may redeem, using funds legally available therefor, all outstanding shares of Series CF Nonvoting Preferred Stock at the applicable per share redemption price as described follows:

i. If the Redemption Date (as defined below) occurs on or prior to the eighteen (18) month anniversary of the Original Issue Date of the Series CF Nonvoting Preferred Stock, the per share redemption price shall equal one hundred and five percent (105%) of the Original Issue Price (as adjusted for any stock split or other recapitalization or reclassification effected after the date hereof, but not adjusted for any dividends declared with respect to such stock).

ii. If the Redemption Date occurs after the eighteen (18) month anniversary of the Original Issue Date of the Series CF Nonvoting Preferred Stock, the per share redemption price shall equal the greater of (A) the Original Issue Price (as adjusted for any stock split or other recapitalization or reclassification effected after the date hereof, but not adjusted for any dividends declared with respect to such stock), plus any Accruing Dividends accrued but unpaid thereon, whether or not declared, together with any other dividends declared but unpaid thereon and (B) the fair market value (determined in good faith by the Board of Directors) of the Series CF Nonvoting Preferred Stock as of the Redemption Date (as defined below).

The Company shall not be entitled to redeem any shares of Series CF Nonvoting Preferred if on the Redemption Date Delaware law governing distributions to stockholders prevents the Company from redeeming all such shares.

b. Mechanics of Redemption.

i. The Company shall send written notice of the redemption (the "**Redemption Notice**") to each holder of record of Series CF Nonvoting Preferred Stock subject to such redemption not less than thirty (30) days prior to the effective date of such redemption (the "**Redemption Date**"). Each Redemption Notice shall state (i) the number of shares of Series CF Nonvoting Preferred Stock held by the holder that the Company shall redeem (which must be all such shares held by the holder), (ii) the Redemption Date and the applicable redemption price and (iii) for holders of shares in certificated form, that the holder is to surrender to the Company, in the manner and at the place designated, his, her or its certificate or certificates representing the shares of Series CF Nonvoting Preferred Stock to be redeemed.

ii. On or before the applicable Redemption Date, each holder of shares of Series CF Nonvoting Preferred Stock shall, if a holder of shares in certificated form, surrender the certificate or certificates representing such shares (or, if such registered holder alleges that such certificate has been lost, stolen or destroyed, a lost certificate affidavit and agreement reasonably acceptable to the Company to indemnify the Company against any claim that may be made against the Company on account of the alleged loss, theft or destruction of such certificate) to the Company or its designated transfer agent or paying agent, in the manner and at the place designated in the Redemption Notice, and thereupon the applicable redemption price for such shares shall be payable to the order of the person whose name appears on such book entry (or certificate or certificates) as the owner thereof.

iii. If the Redemption Notice shall have been duly given, and if on the applicable Redemption Date the applicable redemption price payable upon redemption of the shares of Series CF Nonvoting Preferred Stock to be redeemed on such Redemption Date is paid or tendered for payment or deposited with an independent payment agent so as to be available therefor in a timely manner, then notwithstanding whether any certificates evidencing any of the shares of Series CF Nonvoting Preferred Stock so called for redemption shall not have been surrendered, dividends with respect to such shares of Series CF Nonvoting Preferred Stock shall cease to accrue after such Redemption Date and all rights with respect to such shares shall forthwith after the Redemption Date terminate, except only the right of the holders to receive the applicable redemption price without interest upon surrender of any such certificate or certificates therefor.

6. General Provisions Applicable to Automatic Conversion and Mandatory Redemption.

a. Any shares of Series CF Nonvoting Preferred Stock that are redeemed, converted or otherwise acquired by the Company or any of its subsidiaries shall be automatically and immediately cancelled and retired and shall not be reissued, sold or transferred. Neither the Company nor any of its subsidiaries may exercise any voting or other rights granted to the holders of Series CF Nonvoting Preferred Stock following redemption, conversion or acquisition.

b. Any notice required or permitted by the provisions of this Article IV, Part C to be given to a holder of shares of Series CF Nonvoting Preferred Stock shall be mailed, postage prepaid, to the post office address last shown on the records of the Company, or given by electronic communication in compliance with the provisions of the General Corporation Law, and shall be deemed sent upon such mailing or electronic transmission.

c. No fractional shares of capital stock shall be issued upon conversion of the Preferred Stock. In lieu of any fractional shares to which the holder would otherwise be entitled, the number of shares of capital stock to be issued upon conversion of the Preferred Stock shall be rounded to the nearest whole share.

7. Waiver. Except as otherwise set forth herein, (a) any of the rights, powers, preferences and other terms of the Preferred Stock set forth herein may be waived on behalf of all holders of Preferred Stock by the affirmative written consent or vote of the Requisite Holders and (b) at any time more than one (1) series of Preferred Stock is issued and outstanding, any of the rights, powers, preferences and other terms of any series of Preferred Stock set forth herein may be waived on behalf of all holders of such series of Preferred Stock by the affirmative written consent or vote of the holders of at least a majority of the shares of such series of Preferred Stock then outstanding.

ARTICLE V

Meetings of stockholders may be held within or without the State of Delaware, as the Bylaws of the Company may provide. The books of the Company may be kept outside the State

of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the Bylaws of the Company.

ARTICLE VI

The Board of Directors of the Company (the “**Board**”) has the power to adopt, amend or repeal the Bylaws of the Company.

ARTICLE VII

Elections of members of the Board may be, but are not required to be, by written ballot.

ARTICLE VIII

No member of the Board shall have personal liability arising out of an action whether by or in the right of the Company or otherwise for monetary damages for breach of fiduciary duty as a member of the Board; provided, however, that the foregoing shall not limit or eliminate the liability of a member of the Board (i) for any breach of such member’s duty of loyalty to the Company or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL or any successor provision, (iv) for any transaction from which such member of the Board derived an improper personal benefit, or (v) acts or omissions occurring prior to the date of the effectiveness of this provision.

Furthermore, notwithstanding the foregoing provision, if the DGCL is amended or enacted to permit further limitation or elimination of the personal liability of the director, the personal liability of the members of the Board shall be limited or eliminated to the fullest extent permitted by the applicable law.

This provision shall not affect any provision permitted under the DGCL, in this Certificate of Incorporation, or in the Bylaws or any contract or resolution of the Company indemnifying or agreeing to indemnify a member of the Board against personal liability. Any repeal or modification of this provision shall not adversely affect any limitation hereunder on the personal liability of any member of the Board with respect to acts or omissions occurring prior to such repeal or modification.

ARTICLE IX

Except as provided in Article VIII above, the Company reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.

ARTICLE X

Unless the Company consents in writing to the selection of an alternative forum, the Court of Chancery in the State of Delaware shall be the sole and exclusive forum for any stockholder (including a beneficial owner) to bring (i) any derivative action or proceeding brought on behalf of the Company, (ii) any action asserting a claim of breach of fiduciary duty owed by any director, officer or other employee of the Company to the Company or the Company's stockholders, (iii) any action asserting a claim against the Company, its directors, officers or employees arising pursuant to any provision of the Delaware General Corporation Law or the Company's certificate of incorporation or bylaws or (iv) any action asserting a claim against the Company, its directors, officers or employees governed by the internal affairs doctrine, except for, as to each of (i) through (iv) above, any claim as to which the Court of Chancery determines that there is an indispensable party not subject to the jurisdiction of the Court of Chancery (and the indispensable party does not consent to the personal jurisdiction of the Court of Chancery within ten (10) days following such determination), which is vested in the exclusive jurisdiction of a court or forum other than the Court of Chancery, or for which the Court of Chancery does not have subject matter jurisdiction. If any provision or provisions of this Article X shall be held to be invalid, illegal or unenforceable as applied to any person or entity or circumstance for any reason whatsoever, then, to the fullest extent permitted by law, the validity, legality and enforceability of such provisions in any other circumstance and of the remaining provisions of this Article X (including, without limitation, each portion of any sentence of this Article X containing any such provision held to be invalid, illegal or unenforceable that is not itself held to be invalid, illegal or unenforceable) and the application of such provision to other persons or entities and circumstances shall not in any way be affected or impaired thereby.

BYLAWS

OF

QUADVANTAGE TECHNOLOGY, INC.

A DELAWARE CORPORATION

October 2, 2018

BYLAWS
OF
QUADVANTAGE TECHNOLOGY, INC.

ARTICLE I
OFFICES

Section 1.1. Principal Office. The principal office of Quadvantage Technology, Inc. (the “Company”) shall be located in such place as is designated by the Board.

Section 1.2. Registered Office. The registered office of the Company required by law to be maintained in the State of Delaware may be, but need not be, identical with the principal office.

Section 1.3. Other Offices. The Company may have offices at such other places, either within or without the State of Delaware, as the Board may from time to time determine or as the affairs of the Company may require.

ARTICLE II
MEETINGS OF STOCKHOLDERS

Section 2.1. Place of Meetings. All meetings of stockholders shall be held at the principal office of the Company or at such other place, either within or without the State of Delaware, as shall determined by the Board (the “Board”). The Board may, in its sole discretion, determine that the meeting shall not be held at any place, but may instead be held solely by means of remote communication as provided by Section 211(a)(2) of the Delaware General Corporation Law (the “DGCL”).

Section 2.2. Annual Meeting. An annual meeting of stockholders shall be held for the election of Directors at such date and time as may be designated by resolution of the Board from time to time. Any other proper business may be transacted at the annual meeting. The Company shall not be required to hold an annual meeting of stockholders, provided that (i) the stockholders are permitted to act by written consent under the Certificate of Incorporation of the Company (the “Certificate of Incorporation”) and these Bylaws, (ii) the stockholders take action by written consent to elect Directors and (iii) the stockholders unanimously consent to such action or, if such consent is less than unanimous, all of the directorships to which Directors could be elected at an annual meeting held at the effective time of such action are vacant and are filled by such action.

Section 2.3. Special Meetings. A special meeting of the stockholders may be called at any time by the Board, the Chairperson of the Board, the Chief Executive Officer or the President (in the absence of a Chief Executive Officer). If any person(s) other than the Board calls a special meeting, the request shall: (i) be in writing; (ii) specify the time of such meeting and the general

nature of the business proposed to be transacted; and (iii) be delivered personally or sent by registered mail or by facsimile transmission to the Chairperson of the Board, the Chief Executive Officer, the President (in the absence of a Chief Executive Officer) or the Secretary of the Company. The officer(s) receiving the request shall cause notice to be promptly given to the stockholders entitled to vote at such meeting, in accordance with the provisions of Section 2.5 of these Bylaws, that a meeting will be held at the time requested by the person or persons calling the meeting. No business may be transacted at such special meeting other than the business specified in such notice to stockholders. Nothing contained in this paragraph of this Section 2.3 shall be construed as limiting, fixing, or affecting the time when a meeting of stockholders called by action of the Board may be held.

Section 2.4. Notice of Stockholders' Meetings. All notices of meetings of stockholders shall be sent or otherwise given in accordance with either Section 2.5 or Section 8.5 of these Bylaws not less than 10 or more than 60 days before the date of the meeting to each stockholder entitled to vote at such meeting. The notice shall specify the place, if any, date and hour of the meeting, the means of remote communication, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such meeting, and, in the case of a special meeting, the purpose or purposes for which the meeting is called.

Section 2.5. Manner of Giving Notice; Affidavit of Notice. Notice of any meeting of stockholders shall be given:

(a) if mailed, when deposited in the United States mail, postage prepaid, directed to the stockholder at his or her address as it appears on the Company's records; or

(b) if electronically transmitted as provided in Section 8.5 of these Bylaws.

An affidavit of the Secretary or an Assistant Secretary of the Company or of the transfer agent or any other agent of the Company that the notice has been given by mail or by a form of electronic transmission, as applicable, shall, in the absence of fraud, be prima facie evidence of the facts stated therein.

Section 2.6. Quorum. Except as otherwise provided by law, the Certificate of Incorporation or these Bylaws, at each meeting of stockholders the presence in person or by proxy of the holders of shares of stock having a majority of the votes which could be cast by the holders of all outstanding shares of stock entitled to vote at the meeting shall be necessary and sufficient to constitute a quorum. If, however, such quorum is not present or represented at any meeting of the stockholders, then either: (i) the chairperson of the meeting; or (ii) the stockholders entitled to vote at the meeting, present in person or represented by proxy, shall have the power to adjourn the meeting from time to time, in the manner provided in Section 2.7 of these Bylaws, until a quorum is present or represented. The stockholders at a meeting at which a quorum is present may continue to do business until adjournment, notwithstanding the withdrawal of sufficient stockholders to leave less than a quorum.

Section 2.7. Adjourned Meeting; Notice. Any meeting of stockholders, annual or special, may adjourn from time to time to reconvene at the same or some other place, and notice need not be given of the adjourned meeting if the time, place, if any, thereof, and the means of remote

communications, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such adjourned meeting are announced at the meeting at which the adjournment is taken. At the adjourned meeting, the Company may transact any business which might have been transacted at the original meeting. If the adjournment is for more than 30 days, or if after the adjournment a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting.

Section 2.8. Conduct of Meetings.

(a) Chairperson of the Meeting. Meetings of stockholders shall be presided over by the Chairperson of the Board, if any, or in the Chairperson's absence by the Vice Chairperson of the Board, if any, or in the Vice Chairperson's absence by the Chief Executive Officer (if one has been duly elected), or in the Chief Executive Officer's absence by the President, or in the President's absence by a Vice President, or in the absence of all of the foregoing persons by a chairperson designated by the Board, or in the absence of such designation by a chairperson chosen by vote of the stockholders at the meeting. The Secretary shall act as secretary of the meeting, but in the Secretary's absence the chairperson of the meeting may appoint any person to act as secretary of the meeting.

(b) Rules and Procedures. The Board may adopt by resolution such rule, regulations and procedures for the conduct of any meeting of stockholders as it shall deem appropriate including, without limitation, such guidelines and procedures as it may deem appropriate regarding the participation by means of remote communication of stockholders and proxyholders not physically present at a meeting. Except to the extent inconsistent with such rules, regulations and procedures as adopted by the Board, the chairperson of any meeting of stockholders shall have the right and authority to prescribe such rules, regulations and procedures and to do all such acts as, in the judgment of such chairperson, are appropriate for the proper conduct of the meeting. Such rules, regulation or procedures, whether adopted by the Board or prescribed by the chairperson of the meeting, may include, without limitation, the following: (i) the establishment of an agenda or order of business for the meeting; (ii) rules and procedures for maintaining order at the meeting and the safety of those present; (iii) limitations on attendance at or participation in the meeting to stockholders of record of the corporation, their duly authorized and constituted proxies or such other persons as shall be determined; (iv) restriction on entry to the meeting after the time fixed for the commencement thereof; and (v) limitations on the time allotted to questions or comments by participants. Unless and to the extent determined by the Board or the chairperson of the meeting, meetings of stockholders shall not be required to be held in accordance with the rules of parliamentary procedure.

Section 2.9. List of Stockholders Entitled to Vote. The officer of the Company who has charge of the stock ledger of the Company shall prepare, at least 10 days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. The Company shall not be required to include the electronic mail address or other electronic contact information on such list. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting for a period of at least 10 days prior to the meeting: (i) on a reasonably accessible electronic network,

provided that the information required to gain access to such list is provided with the notice of the meeting; or (ii) during ordinary business hours, at the Company's principal executive office. In the event that the Company determines to make the list available on an electronic network, the Company may take reasonable steps to ensure that such information is available only to stockholders of the Company. If the meeting is to be held at a place, then the list shall be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder who is present. If the meeting is to be held solely by means of remote communication, then the list shall also be open to the examination of any stockholder during the whole time of the meeting on a reasonably accessible electronic network, and the information required to access such list shall be provided with the notice of the meeting. The stock ledger shall be the only evidence as to who are the stockholders entitled to examine the list of stockholders or the books of the Company, or to vote in person or by proxy at any meeting of stockholders and of the number of shares held by each such stockholder.

Section 2.10. Voting.

(a) Except as may be otherwise provided in the Certificate of Incorporation, each stockholder entitled to vote at any meeting of stockholders shall be entitled to one vote for each share of capital stock held by such stockholder which has voting power upon the matter in question.

(b) At all meetings of stockholders for the election of Directors a plurality of the votes cast shall be sufficient to elect. All other elections and questions shall, unless otherwise provided by law, the Certificate of Incorporation or these Bylaws, be decided by the vote of the holders of shares of stock having a majority of the votes which could be cast by the holders of all shares of stock entitled to vote thereon which are present in person or represented by proxy at the meeting.

(c) Voting at meetings of stockholders need not be by written ballot and, unless otherwise required by law, need not be conducted by inspectors of election unless so determined by the holders of shares of stock having a majority of the votes which could be cast by the holders of all outstanding shares of stock entitled to vote thereon which are present in person or by proxy at such meeting. If authorized by the Board, the requirement of a written ballot for the election of Directors shall be satisfied by a ballot submitted by electronic transmission (as defined in Section 8.5 of these Bylaws), provided that any such electronic transmission must either set forth or be submitted with information from which it can be determined that the electronic transmission was authorized by the stockholder or proxy holder.

(d) Shares of its own stock owned by the Company, directly or indirectly, through a subsidiary or otherwise, shall not be voted and shall not be counted in determining the total number of shares entitled to vote; provided, however, that shares held in a fiduciary capacity may be voted and shall be counted to the extent provided by law.

Section 2.11. Record Date for Stockholder Notice; Voting; Giving Consents. In order that the Company may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, or entitled to express consent to corporate action in writing without a meeting, or entitled to receive payment of any dividend or other distribution or

allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock or for the purpose of any other lawful action, the Board may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board and which record date:

(i) in the case of determination of stockholders entitled to notice of or to vote at any meeting of stockholders or adjournment thereof, shall, unless otherwise required by law, not be more than 60 nor less than 10 days before the date of such meeting;

(ii) in the case of determination of stockholders entitled to express consent to corporate action in writing without a meeting, shall not be more than 10 days after the date upon which the resolution fixing the record date is adopted by the Board; and

(iii) in the case of determination of stockholders for any other action, shall not be more than 60 days prior to such other action.

If no record date is fixed by the Board:

(i) the record date for determining stockholders entitled to notice of or to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held;

(ii) the record date for determining stockholders entitled to express consent to corporate action in writing without a meeting when no prior action of the Board is required by law, shall be the first date on which a signed written consent setting forth the action taken or proposed to be taken is delivered to the Company in accordance with applicable law, or, if prior action by the Board is required by law, shall be at the close of business on the day on which the Board adopts the resolution taking such prior action; and

(iii) the record date for determining stockholders for any other purpose shall be at the close of business on the day on which the Board adopts the resolution relating thereto.

A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting, provided, however, that the Board may fix a new record date for the adjourned meeting.

Section 2.12. Proxies. Each stockholder entitled to vote at a meeting of stockholders or to express consent or dissent to corporate action in writing without a meeting may authorize another person or persons to act for such stockholder by proxy authorized by an instrument in writing or by a transmission permitted by law filed in accordance with the procedure established for the meeting, but no such proxy shall be voted or acted upon after three years from its date, unless the proxy provides for a longer period. The revocability of a proxy that states on its face that it is irrevocable shall be governed by the provisions of Section 212 of the DGCL.

Section 2.13. Stockholder Action by Written Consent Without a Meeting. Unless otherwise provided in the Certificate of Incorporation, any action required or permitted by the DGCL to be taken at any annual or special meeting of the stockholders of a corporation may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed and dated by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted. Such signed and dated consent must be delivered to the Company, whether done before or after the action so taken, but in no event later than 60 days after the earliest dated consent delivered in accordance with Section 228 of the DGCL. When corporate action is taken without a meeting by less than unanimous written consent, prompt notice shall be given to those stockholders who have not consented in writing and who, if the action had been taken at a meeting, would have been entitled to notice of the meeting if the record date for such meeting had been the date that written consents signed by a sufficient number of holders to take the action were delivered to the Company as provided in Section 228 of the DGCL. In the event that the action which is consented to is such as would have required the filing of a certificate under any provision of the DGCL, if such action had been voted on by stockholders at a meeting thereof, the certificate filed under such provision shall state, in lieu of any statement required by such provision concerning any vote of stockholders, that written consent has been given in accordance with Section 228 of the DGCL.

ARTICLE III **DIRECTORS**

Section 3.1. General Powers. Subject to the provisions of the DGCL and any limitations in the Certificate of Incorporation or these Bylaws related to action required to be approved by the stockholders or by the outstanding shares, the business and affairs of the Company shall be managed by or under the direction of the Board.

Section 3.2. Number, Term and Qualification.

(a) Number of Directors. Except as otherwise provided in the Certificate of Incorporation, the number of Directors which shall constitute the whole Board of Directors shall be determined from time to time by resolution of the Board, provided, that the Board shall consist of at least one member. No reduction of the authorized number of Directors shall have the effect of removing any Director before that Director's term of office otherwise expires.

(b) Term of Office. Each Director shall hold office until such Director's death, resignation, retirement, removal, disqualification, or such Director's successor is elected and qualifies.

(c) Qualification. Directors need not be residents of the State of Delaware or stockholders of the Company.

Section 3.3. Election of Directors. Except as provided in Section 3.5 of these Bylaws and unless Directors are elected by written consent in lieu of an annual meeting, the Directors shall

be elected at each annual meeting of stockholders. Those persons who receive the highest number of votes shall be deemed to have been elected. Unless otherwise provided in the Certificate of Incorporation, election of Directors shall be by written ballot, voice vote or such other means as permitted by law.

Section 3.4. Removal; Resignation.

(a) Removal. Unless otherwise restricted by statute, the Certificate of Incorporation or these Bylaws, any Director or the entire Board may be removed from office, with or without cause, by a vote of stockholders holding a majority of the outstanding shares entitled to vote at an election of Directors. If a Director is elected by the holders of any class or classes of stock or series thereof, only such stockholders may participate in the vote to remove that Director. If any Directors are so removed, new Directors may be elected at the same meeting.

(b) Resignation. Any Director may resign by delivering a resignation in writing or by electronic transmission to the Company. Such resignation shall be effective upon receipt unless it is specified to be effective at some later time or upon the happening of some later time or upon the happening of some later event.

Section 3.5. Vacancies. Unless otherwise provided in the Certificate of Incorporation or these Bylaws:

(i) Vacancies and newly created directorships resulting from any increase in the authorized number of Directors elected by all of the stockholders having the right to vote as a single class may be filled by a majority of the Directors then in office, although less than a quorum, or by a sole remaining Director.

(ii) Whenever the holders of any class or classes of stock or series thereof are entitled to elect one or more Directors by the provisions of the certificate of incorporation, vacancies and newly created directorships of such class or classes or series may be filled by a majority of the Directors elected by such class or classes or series thereof then in office, or by the sole remaining Director so elected.

A Director elected to fill a vacancy shall be elected for the unexpired term of such Director's predecessor in office.

If at any time, by reason of death or resignation or other cause, the Company should have no Directors in office, then any officer or any stockholder or an executor, administrator, trustee or guardian of a stockholder, or other fiduciary entrusted with like responsibility for the person or estate of a stockholder, may call a special meeting of stockholders in accordance with the provisions of the Certificate of Incorporation or these Bylaws, or may apply to the Court of Chancery for a decree summarily ordering an election as provided in Section 211 of the DGCL.

If, at the time of filling any vacancy or any newly created directorship, the Directors then in office constitute less than a majority of the whole Board (as constituted immediately prior to any such increase), then the Court of Chancery may, upon application of any stockholder or stockholders holding at least 10% of the total number of the shares at the time outstanding

having the right to vote for such Directors, summarily order an election to be held to fill any such vacancies or newly created directorships, or to replace the Directors chosen by the Directors then in office as aforesaid, which election shall be governed by the provisions of Section 211 of the DGCL as far as applicable.

Section 3.6. Compensation. The Board may provide for the compensation of Directors for their services as such and may provide for the payment of any and all expenses incurred by the Directors in connection with such services.

Section 3.7. Committees.

(a) **Establishment; Composition of Committees.** The Board, by resolution adopted by a majority of the Directors then in office, may designate one or more committees, each committee to consist of one or more of the Directors of the Company. Such committee or committees shall have such name or names as may be determined from time to time by resolution adopted by the Board. The Board may designate one or more Directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of the committee. In the absence or disqualification of a member of a committee, the member or members thereof present at any meeting and not disqualified from voting, whether or not such member or members constitute a quorum, may unanimously appoint another member of the Board to act at the meeting in the place of any such absent or disqualified member. Any member of any such committee may be removed at any time with or without cause by resolution adopted by a majority of the Board.

(b) **Powers of Committees.** Any such committee, to the extent provided in the resolution of the Board or these Bylaws, shall have and may exercise all the powers and authority of the Board in the management of the business and affairs of the Company, and may authorize the seal of the Company to be affixed to all papers which may require it; but no such committee shall have the power or authority to: (i) adopt, amend or repeal any bylaw of the Company; or (ii) approve or adopt, or recommend to the stockholders any action or matter expressly required by the DGCL to be submitted to stockholders for approval.

(c) **Meetings and Action of Committees.** Meetings and actions of committees shall be governed by, and held and taken in accordance with, the provisions of:

- (i) **Section 4.1** (Place of Meetings; Meetings by Telephone);
- (ii) **Section 4.3** (Regular Meetings);
- (iii) **Section 4.4** (Special Meetings);
- (iv) **Section 4.5** (Notice of Meetings);
- (v) **Section 4.6** (Quorum);
- (v) **Section 4.8** (Board Action by Written Consent Without a Meeting); and

(vi) Section 9.3 (Waiver of Notice)

with such changes in the context of those bylaws as are necessary to substitute the committee and its members for the Board and its members; provided, however:

(i) the time of regular meetings of committees may be determined either by resolution of the Board or by resolution of the committee;

(ii) special meetings of committees may also be called by resolution of the Board or by resolution of the committee; and

(iii) notice of special meetings of committees shall also be given to all alternate members, who shall have the right to attend all meetings of the committee. The Board may adopt rules for the government of any committee not inconsistent with the provisions of these Bylaws.

ARTICLE IV **MEETINGS OF DIRECTORS**

Section 4.1. Place of Meetings; Meetings by Telephone. The Board may hold meetings, both regular and special, either within or outside the State of Delaware. Unless otherwise restricted by the Certificate of Incorporation or these Bylaws, members of the Board, or any committee designated by the Board, may participate in a meeting of the Board, or any committee, by means of conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting shall constitute presence in person at the meeting.

Section 4.2. Conduct of Business. Meetings of the Board shall be presided over by the Chairperson of the Board, if any, or in his or her absence by the Vice Chairperson of the Board, if any, or in the absence of the foregoing persons by a chairperson designated by the Board, or in the absence of such designation by a chairperson chosen at the meeting. The Secretary shall act as secretary of the meeting, but in his or her absence the chairperson of the meeting may appoint any person to act as secretary of the meeting.

Section 4.3. Regular Meetings. Regular meetings of the Board may be held at such time and place as shall be determined from time to time by the Board.

Section 4.4. Special Meetings. Special meetings of the Board for any purpose or purposes may be called at any time by the Chairperson of the Board, the Chief Executive Officer, the President, the Secretary or any two Directors.

Section 4.5. Notice of Meetings.

(a) Regular Meetings. Regular meetings of the Board may be held without notice.

(b) Special Meetings. Notice of the time and place of special meetings shall be:

- (i) delivered personally by hand, by courier or by telephone;
- (ii) sent by United States first-class mail, postage prepaid;
- (iii) sent by facsimile; or
- (iv) sent by electronic mail,

directed to each Director at that Director's address, telephone number, facsimile number or electronic mail address, as the case may be, as shown on the Company's records.

If the notice is (i) delivered personally by hand, by courier or by telephone, (ii) sent by facsimile or (iii) sent by electronic mail, it shall be delivered or sent at least 24 hours before the time of the holding of the meeting. If the notice is sent by United States mail, it shall be deposited in the United States mail at least four days before the time of the holding of the meeting. Any oral notice may be communicated to the Director. The notice need not specify the place of the meeting (if the meeting is to be held at the Company's principal executive office) nor the purpose of the meeting.

Section 4.6. Quorum. A majority of the Directors in office immediately before the meeting shall constitute a quorum for the transaction of business at any meeting of the Board. If a quorum is not present at any meeting of the Board, then the Directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum is present.

Section 4.7. Manner of Acting.

(a) The act of a majority of the Directors then in office shall be the act of the Board, unless a greater number is required by law, the Certificate of Incorporation, or a bylaw adopted by the stockholders.

(b) A Director of the Company, who is present at a meeting of the Board at which action on any corporate matter is taken, shall be presumed to have assented to the action taken unless such Director's contrary vote is recorded or such Director's dissent is otherwise entered in the minutes of the meeting or unless he or she shall file such Director's written dissent to such action with the person acting as the secretary of the meeting before the adjournment thereof or shall forward such dissent by registered mail to the Secretary of the Company immediately after the adjournment of the meeting. Such right of dissent shall not apply to a Director who voted in favor of such action.

Section 4.8. Board Action By Consent Without a Meeting. Unless otherwise restricted by the Certificate of Incorporation or these Bylaws, any action required or permitted to be taken at any meeting of the Board, or of any committee thereof, may be taken without a meeting if all members of the Board or committee, as the case may be, consent thereto in writing or by electronic transmission, and the writing or writings or electronic transmission or transmissions are filed with the minutes of proceedings of the Board or committee. Such filing shall be in

paper form if the minutes are maintained in paper form and shall be in electronic form if the minutes are maintained in electronic form.

ARTICLE V **OFFICERS**

Section 5.1. Officers. The officers of the Company shall be a President and a Secretary. The Company may also have, at the discretion of the Board, a Chairperson of the Board, a Vice Chairperson of the Board, a Chief Executive Officer, one or more Vice Presidents, a Chief Financial Officer, a Treasurer, one or more Assistant Treasurers, one or more Assistant Secretaries, and any such other officers as may be appointed in accordance with the provisions of these Bylaws. Any number of offices may be held by the same person.

Section 5.2. Appointment; Term. The Board shall appoint the officers of the Company, except such officers as may be appointed in accordance with the provisions of Sections 5.3 and 5.5 of these Bylaws, subject to the rights, if any, of an officer under any contract of employment. Each officer shall hold office until such officer's death, resignation, retirement, removal, disqualification, or until such officer's successor is elected and qualifies, unless a different term is specified in the resolution of the Board appointing such officer.

Section 5.3. Subordinate Officers. The Board may appoint, or empower the Chief Executive Officer or, in the absence of a Chief Executive Officer, the President, to appoint, such other officers and agents as the business of the Company may require. Each of such officers and agents shall hold office for such period, have such authority, and perform such duties as are provided in these bylaws or as the Board may from time to time determine.

Section 5.4. Removal and Resignation of Officers.

(a) **Removal.** Subject to the rights, if any, of an officer under any contract of employment, any officer may be removed, either with or without cause, by an affirmative vote of the majority of the Board at any regular or special meeting of the Board or, except in the case of an officer chosen by the Board, by any officer upon whom such power of removal may be conferred by the Board.

(b) **Resignation.** Any officer may resign at any time by giving written notice to the Company. Any resignation shall take effect at the date of the receipt of that notice or at any later time specified in that notice. Unless otherwise specified in the notice of resignation, the acceptance of the resignation shall not be necessary to make it effective. Any resignation is without prejudice to the rights, if any, of the Company under any contract to which the officer is a party.

Section 5.5. Vacancies in Office. Any vacancy occurring in any office of the Company shall be filled by the Board or as provided in Section 5.2 of these Bylaws.

Section 5.6. Representation of Shares of Other Corporations. Unless otherwise directed by the Board, the President or any other person authorized by the Board or the President is authorized

to vote, represent and exercise on behalf of the Company all rights incident to any and all shares of any other corporation or corporations standing in the name of the Company. The authority granted herein may be exercised either by such person directly or by any other person authorized to do so by proxy or power of attorney duly executed by such person having the authority.

Section 5.7. Authority and Duties of Officers. Except as otherwise provided in these Bylaws, the officers of the Company shall have such powers and duties in the management of the Company as may be designated from time to time by the Board and, to the extent not so provided, as generally pertain to their respective offices, subject to the control of the Board.

ARTICLE VI

CERTIFICATES FOR SHARES AND OTHER TRANSFERS

Section 6.1. Stock Certificates; Partly Paid Shares. The shares of the Company shall be represented by certificates, provided, however, that the Board may provide by resolution or resolutions that some or all of any or all classes or series of its stock shall be uncertificated shares. Any such resolution shall not apply to shares represented by a certificate until such certificate is surrendered to the Company. Notwithstanding the adoption of such a resolution by the Board, every holder of stock represented by certificates and upon request every holder of uncertificated shares shall be entitled to have a certificate signed by, or in the name of the Company by the Chairperson of the Board or Vice-Chairperson of the Board, or the President or any Vice President of the Company, and by the Secretary, Assistant Secretary, Treasurer or Assistant Treasurer of the Company representing the number of shares registered in certificate form. Any or all of the signatures on the certificate may be a facsimile or may be engraved or printed or omitted if the certificate is countersigned by a transfer agent, or registered by a registrar, other than the Company itself or an employee of the Company. In case any officer, transfer agent or registrar who signed or whose facsimile signature has been placed upon such certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Company with the same effect as if he or she were such officer, transfer agent or registrar at the date of issue. The certificates shall be consecutively numbered or otherwise identified; and the name and address of the persons to whom they are issued, with the number of shares and date of issue, shall be entered on the stock transfer books of the Company.

The Company may issue the whole or any part of its shares as partly paid and subject to call for the remainder of the consideration to be paid therefor. Upon the face or back of each stock certificate issued to represent any such partly paid shares, upon the books and records of the Company in the case of uncertificated partly paid shares, the total amount of the consideration to be paid therefor and the amount paid thereon shall be stated. Upon the declaration of any dividend on fully paid shares, the Company shall declare a dividend upon partly paid shares of the same class, but only upon the basis of the percentage of the consideration actually paid thereon.

Section 6.2. Transfer of Shares. Transfer of shares shall be made on the stock transfer books of the Company only upon surrender of the certificates for the shares sought to be transferred by

the record holder thereof or by such holder's duly authorized agent, transferee or legal representative. All certificates surrendered for transfer shall be canceled before new certificates for the transferred shares shall be issued.

Section 6.3. Restrictions on Transfer.

(a) S-Corp Preservation. If the Company has elected Subchapter S status under Section 1362 of the Internal Revenue Code of 1986, as amended, no stockholder or involuntary transferee shall dispose of or transfer any shares of the Company which such stockholder now owns or may hereafter acquire if such disposition or transfer would result in the termination of such Subchapter S status, unless such disposition or transfer is consented to by all stockholders of the Company. Any such disposition or transfer that does not comply with the terms of this Section 6.3(a) shall be void and have no legal force or effect and shall not be recognized on the share transfer books of the Company as effective.

(b) Right of First Refusal. No stockholder or involuntary transferee shall dispose of or transfer any shares of the Company which such stockholder now owns or may hereafter acquire except as set forth in this Section 6.3(b). Any purported transfer or disposition of shares in violation of the terms of this Section 6.3(b) shall be void and the Company shall not recognize or give any effect to such transaction.

i. An individual stockholder shall be free to transfer, during such stockholder's lifetime or by testamentary transfer, any or all of such stockholder's shares of the Company to such stockholder's spouse, any of such stockholder's children, grandchildren or direct lineal descendants, whether by blood or by adoption, spouses of such issue, parents, siblings, or direct lineal descendants, whether by blood or by adoption, of such siblings, domestic partner sharing the same household, university or charitable organization or a trust or family limited partnership for the sole benefit of those persons or any of them, a Section 501(c)(3) organization or a non-profit foundation or other non-profit organization; and a stockholder which is a partnership, corporation or limited liability company shall be free to transfer any or all of its shares of the Company to its partners, stockholders or members, respectively, if there is no consideration for such transfer; but, in case of any such transfer, the transferee shall be bound by all the terms of this provision and no further transfer of such shares shall be made by such transferee except back to the stockholder who originally owned them or except in accordance with the provisions of this Section 6.3(b).

ii. Any stockholder or transferee who wishes to transfer all or any part of such stockholder's shares of the Company (hereinafter "**Offeror**"), other than as permitted in Section 6.3(b)(i) above, first shall submit a written offer to sell such shares to the Company at the same price per share and upon the same terms and conditions offered by a bona fide prospective purchaser of such shares. Such written offer to the Company shall continue to be a binding offer to sell until: (1) rejected by the Company; or (2) the expiration of a period of 30 days after delivery of such written offer to the Company, whichever shall first occur.

iii. Every written offer submitted in accordance with the provisions of this Section 6.3(b) shall specifically name the person to whom the Offeror intends to transfer the shares, the number of shares which such Offeror intends so to transfer to each person and the price per share and other terms upon which each intended transfer is to be made. Upon the

termination of all such written offers, the Offeror shall be free to transfer, for a period of 3 months thereafter, any unpurchased shares to the persons so named at the price per share and upon the other terms and conditions so named, provided that any such transferee of those shares shall thereafter be bound by all the provisions of these Bylaws.

iv. Every written offer submitted to the Company shall be deemed to have been delivered when delivered to the principal office of the Company or if and when sent by prepaid certified mail, or delivered by hand to the President of the Company at the principal office of the Company.

v. If any consideration to be received by the Offeror for the shares offered is property other than cash, then the price per share shall be measured to the extent of the fair market value of such noncash consideration.

vi. The provisions contained herein shall not apply to the pledge of any shares of the Company as collateral for a loan but shall apply to the sale or other disposition of shares under any such pledge.

vii. The provisions of this Section 6.3(b) may be waived with respect to any transfer either by the Company, upon duly authorized action by the Board, or by the stockholders, upon the written consent of the holders of at least a majority of the voting power of the Company (excluding the votes represented by those shares to be transferred by the Offeror).

viii. In the event of any conflict between the terms of this Section 6.3(b) and any written agreement between the Company and any stockholder of the Company, the terms of such written agreement shall control, and the provisions of this Section shall not be applicable.

ix. The restrictions set forth in this Section 6.3(b) shall terminate upon the closing of a public offering of securities of the Company registered under the Securities Act of 1933, as amended.

x. Every certificate representing shares of the Company shall bear the following legend in substantially the following form prominently displayed:

“THE SHARES REPRESENTED BY THIS CERTIFICATE, AND THE TRANSFER THEREOF, ARE SUBJECT TO THE RESTRICTIONS ON TRANSFER PROVISIONS OF THE BYLAWS OF THE COMPANY, A COPY OF WHICH IS ON FILE IN, AND MAY BE EXAMINED AT, THE PRINCIPAL OFFICE OF THE COMPANY.”

Section 6.4. Lost Certificates. The officers of the Company may authorize the issuance of a new share certificate in place of a certificate claimed to have been lost or destroyed, upon receipt of an affidavit of such fact from the person claiming the loss or destruction. When authorizing such issuance of a new certificate, the officers of the Company may require the claimant to give the Company a bond in such sum as it may direct to indemnify the Company against loss from any claim with respect to the certificate claimed to have been lost or destroyed, or otherwise to indemnify the Company against such loss.

Section 6.5. Holder of Record. The Company may treat as absolute owner of the shares the person in whose name the shares stand of record on its books just as if that person had full competency, capacity, and authority to exercise all rights of ownership irrespective of any knowledge or notice to the contrary or any description indicating a representative, pledge or other fiduciary relation or any reference to any other instrument or to the rights of any other person appearing upon its record or upon the share certificate; except that any person furnishing to the Company proof of his/her appointment as a fiduciary shall be treated as if he or she were a holder of record of the Company's shares.

Section 6.6. Treasury Shares. Treasury shares of the Company shall consist of such shares as have been issued and thereafter acquired but not canceled by the Company. Treasury shares shall not carry voting or dividend rights, except rights in share dividends.

ARTICLE VII **INDEMNIFICATION AND REIMBURSEMENT** **OF DIRECTORS AND OFFICERS**

Section 7.1. Indemnification for Expenses and Liabilities. Any person who at any time serves or has served: (i) as a Director, officer, employee or agent of the Company; (ii) at the request of the Company as a Director, officer, partner, trustee, employee or agent of another foreign or domestic corporation, partnership, joint venture, trust, or other enterprise; or (iii) at the request of the Company as a trustee or administrator under an employee benefit plan, or is called as a witness at a time when he or she has not been made a named defendant or respondent to any Proceeding, shall have a right to be indemnified by the Company to the fullest extent permitted by the DGCL against all Liability (as defined) and Expenses (as defined) in any Proceeding (as defined) (including without limitation a Proceeding brought by or on behalf of the Company itself) arising out of his or her status as such or activities in any of the foregoing capacities.

The Board shall take all such action as may be necessary and appropriate to authorize the Company to pay the indemnification required by this Article VII, including, without limitation, to the extent required, making a good faith evaluation of the manner in which the claimant for indemnity acted and of the reasonable amount of indemnity due him or her.

Any person who at any time serves or has served in any of the aforesaid capacities for or on behalf of the Company shall be deemed to be doing or to have done so in reliance upon, and as consideration for, the rights provided for herein. Any repeal or modification of these indemnification provisions shall not affect any rights or obligations existing at the time of such repeal or modification. The rights provided for herein shall inure to the benefit of the legal representatives of any such person and shall not be exclusive of any other rights to which such person may be entitled apart from this provision.

The rights granted herein shall not be limited by the provisions contained in Section 145 of the DGCL or any successor to such statute.

Section 7.2. Advance Payment of Expenses. The Company shall (upon receipt of an undertaking by or on behalf of the Director, officer, employee or agent involved to repay the

Expenses described herein unless it shall ultimately be determined that he or she is entitled to be indemnified by the Company against such Expenses) pay Expenses incurred by such Director, officer, employee or agent in defending a Proceeding or appearing as a witness at a time when he or she has not been named as a defendant or a respondent with respect thereto in advance of the final disposition of such Proceeding.

Section 7.3. Insurance. The Company shall have the power to purchase and maintain insurance (on behalf of any person who is or was a Director, officer, employee or agent of the Company, or is or was serving at the request of the Company as a Director, officer, employee or agent of another domestic or foreign corporation, partnership, joint venture, trust or other enterprise or as a trustee or administrator under an employee benefit plan) against any liability asserted against him or her and incurred by him or her in any such capacity, or arising out of his or her status as such, whether or not the Company would have the power to indemnify him or her against such liability.

Section 7.4. Definitions. The following terms as used in this Article shall have the following meanings. “**Proceeding**” means any threatened, pending or completed action, suit, or proceeding and any appeal therein (and any inquiry or investigation that could lead to such action, suit, or proceeding), whether civil, criminal, administrative, investigative or arbitrative and whether formal or informal. “**Expenses**” means expenses of every kind, including counsel fees. “**Liability**” means the obligation to pay a judgment, settlement, penalty, fine (including an excise tax assessed with respect to an employee benefit plan), reasonable expenses incurred with respect to a Proceeding, and all reasonable expenses incurred in enforcing the indemnification rights provided herein. “**Director**,” “**officer**,” “**employee**” and “**agent**” include the estate or personal representative of a Director, officer, employee or agent. “**Company**” shall include any domestic or foreign predecessor of this Company in a merger or other transaction in which the predecessor’s existence ceased upon consummation of the transaction.

ARTICLE VIII **GENERAL PROVISIONS**

Section 8.1. Dividends. The Board, subject to any restrictions contained in either: (i) the DGCL; or (ii) the Certificate of Incorporation, may declare and pay dividends upon the shares of its capital stock. Dividends may be paid in cash, in property, or in shares of the Company’s capital stock.

The Board may set apart out of any of the funds of the Company available for dividends a reserve or reserves for any proper purpose and may abolish any such reserve. Such purposes shall include but not be limited to equalizing dividends, repairing or maintaining any property of the Company, and meeting contingencies.

Section 8.2. Seal. The corporate seal shall be in such form as may be approved from time to time by the Board. Such seal may be an impression or stamp and may be used by the officers of the Company by causing it, or a facsimile thereof, to be impressed or affixed or in any other manner reproduced. In addition to any form of seal adopted by the Board, the officers of the

Company may use as the corporate seal a seal in the form of a circle containing the name of the Company and the state of its incorporation (or an abbreviation thereof) on the circumference and the word "Seal" in the center.

Section 8.3. Waiver of Notice. Whenever notice is required to be given to any stockholder or Director under the provisions of the DGCL, the Certificate of Incorporation or these Bylaws, a written waiver, signed by the person or persons entitled to notice, or a waiver by electronic transmission by the person or persons entitled to notice, whether before or after the time stated therein, shall be deemed equivalent to notice. Attendance of a person at a meeting shall constitute a waiver of notice of such meeting, except when the person attends a meeting for the express purpose of objecting at the beginning of the meeting, to the transaction of any business because the meeting is not lawfully called or convened. Neither the business to be transacted at, nor the purpose of, any regular or special meeting of the stockholders, Directors, or members of a committee of Directors need be specified in any written waiver of notice or any waiver by electronic transmission unless so required by the Certificate of Incorporation or these Bylaws.

Section 8.4. Fiscal Year. The fiscal year of the Company shall be determined by the Board.

Section 8.5. Notice by Electronic Transmission. Without limiting the manner by which notice otherwise may be given effectively to stockholders pursuant to the DGCL, the Certificate of Incorporation or these Bylaws, any notice to stockholders given by the Company under any provision of the DGCL, the Certificate of Incorporation or these Bylaws shall be effective if given by a form of electronic transmission consented to by the stockholder to whom the notice is given. Any such consent shall be revocable by the stockholder by written notice to the Company. Any such consent shall be deemed revoked if:

- (i) the Company is unable to deliver by electronic transmission two consecutive notices given by the Company in accordance with such consent; and
- (ii) such inability becomes known to the Secretary or an Assistant Secretary of the Company or to the transfer agent, or other person responsible for the giving of notice.

However, the inadvertent failure to treat such inability as a revocation shall not invalidate any meeting or other action.

Any notice given pursuant to the preceding paragraph shall be deemed given:

- (i) if by facsimile telecommunication, when directed to a number at which the stockholder has consented to receive notice;
- (ii) if by electronic mail, when directed to an electronic mail address at which the stockholder has consented to receive notice;
- (iii) if by a posting on an electronic network together with separate notice to the stockholder of such specific posting, upon the later of (A) such posting and (B) the giving of such separate notice; and

(iv) if by any other form of electronic transmission, when directed to the stockholder.

An affidavit of the Secretary or an Assistant Secretary or of the transfer agent or other agent of the Company that the notice has been given by a form of electronic transmission shall, in the absence of fraud, be prima facie evidence of the facts stated therein.

Notwithstanding the foregoing, notice by a form of electronic transmission shall not apply to Sections 164, 296, 311, 312 or 324 of the DGCL.

An “**electronic transmission**” means any form of communication, not directly involving the physical transmission of paper, that creates a record that may be retained, retrieved, and reviewed by a recipient thereof, and that may be directly reproduced in paper form by such a recipient through an automated process.

Section 8.6. Records and Reports.

(a) Maintenance and Inspection of Records. The Company shall, either at its principal executive office or at such place or places as designated by the Board, keep a record of its stockholders listing their names and addresses and the number and class of shares held by each stockholder, a copy of these Bylaws as amended to date, accounting books, and other records.

Any stockholder of record, in person or by attorney or other agent, shall, upon written demand under oath stating the purpose thereof, have the right during the usual hours for business to inspect for any proper purpose the Company’s stock ledger, a list of its stockholders, and its other books and records and to make copies or extracts therefrom. A proper purpose shall mean a purpose reasonably related to such person’s interest as a stockholder. In every instance where an attorney or other agent is the person who seeks the right to inspection, the demand under oath shall be accompanied by a power of attorney or such other writing that authorizes the attorney or other agent so to act on behalf of the stockholder. The demand under oath shall be directed to the Company at its registered office in Delaware or at its principal executive office.

(b) Inspection by Directors. Any Director shall have the right to examine the Company’s stock ledger, a list of its stockholders, and its other books and records for a purpose reasonably related to his or her position as a Director. The Court of Chancery is hereby vested with the exclusive jurisdiction to determine whether a Director is entitled to the inspection sought. The Court may summarily order the Company to permit the Director to inspect any and all books and records, the stock ledger, and the stock list and to make copies or extracts therefrom. The Court may, in its discretion, prescribe any limitations or conditions with reference to the inspection, or award such other and further relief as the Court may deem just and proper.

Section 8.7. Amendments. Except as otherwise provided herein, these Bylaws may be amended or repealed and new Bylaws may be adopted by the affirmative vote of the holders of a majority of the voting power of the Company, or, if the Certificate of Incorporation so permits,

by the affirmative vote of a majority of the Directors then holding office at any regular or special meeting of the Board or by unanimous written consent.

Section 8.8. All terms used in these Bylaws shall be deemed to refer to the masculine, feminine, neuter, singular or plural as the context may require.

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THIS IS TO CERTIFY that the above Bylaws were duly adopted by the Board, effective as of the date first set forth above.



Holly Coldiron
Assistant Secretary

EXHIBIT D

Video Transcripts

Video 1: Video may be accessed at invest.quadvantage.com

Introduction

The knee joint is the largest and one of the most complex joints in the human body.

Movements at the knee joint are essential to many everyday activities, including walking, running, sitting and standing - it is a joint that bears a great deal of stress but is quite fragile

The knee is literally held together by a group of four (4) ligaments

Outside of the lower back, the knee is one of the most commonly injured areas of the body chronic pain routinely manifests itself

The ACL tendon is one of the critical ligaments that governs how the knee moves and keep the joint intact. It is the most injured ligament of the four in the knee.

As society becomes more active and participation in recreational and youth sports increases, the incidence of ACL injuries requiring surgery continues to climb – it is no longer just something professional athletes experience.

ACL reconstruction surgery involves removal of the torn ligament and replacement with a suitable alternative. The ACL will not heal on its own if it is ruptured, it has to be replaced

Mainstream ACL reconstruction procedures utilize Patellar or Hamstring tendons taken from other parts of the knee joint or leg and tendons harvested from cadavers as replacements for the injured ACL -

these procedures can be traumatic and create post-surgical issues that can last a lifetime and at least initially can require increased use of narcotics to ease the pain. Cadaver grafts, while less traumatic are very expensive and have a high failure rate.

The Quadriceps tendon has been shown to have significant advantages over Patellar, Hamstring and Cadaver alternatives but the surgical complexity associated with harvesting it has generally kept it out of the mainstream – QuadVantage intends to change this dynamic!

QuadVantage's patented instruments and procedures facilitate a less painful, stronger, less likely to fail and cosmetically superior Quadriceps ACL reconstruction experience

Why Invest Now

A Growing Market ACL reconstructive surgery is a common procedure that many people undergo – in 2025 nearly 1 Million ACL reconstruction surgeries are expected to be performed in the North America and Europe.

A Market Known for High Returns – Market multiples in the medical device market continue to outpace the industry

Clinically Tested, Proven Products that make ACL reconstruction less traumatic less likely to fail and

easier to recover from – Not just concepts / Real Products !

No long FDA Clinical Trial or Approval Process Left to Navigate Company believes it can commercialize its key products within 6 months of funding

Strong Intellectual Property Portfolio Low-Cost Provider/

Highly Experienced and Invested Team with a Made in America Mentality

A Unique Opportunity Tailored for Investors of any Size

Video 2: Video can be accessed on the Company's website Quadvantage.com and is also incorporated into Video 1

Video shows a former patient (a female gymnast) doing flips

EXHIBIT E: References

Reference Summary Table

| ACL Reconstruction Techniques | QuadVantage Quad Autograft | Patellar Autograft (Current Lead Method) | Patellar Allograft (Cadaver) | Hamstring Graft (Next behind Patellar) |
|--|--|--|---|--|
| Technical Difficulty | Simple No Bone Plug Similar level of difficulty as Allograft procedure ¹ With Single Bone Plug Lower level of difficulty than Patellar Autograft and Hamstring procedure ¹ | Moderate Dual bone plug Excised in unguided manner; requires high skill level Limited to graft availability | Simple Does not require a separate incision, however requires highly specialized fixation techniques | Moderate Requires harvesting of hamstring bundle |
| Size | Wide Range ^{2,3} | Limited by size ⁴ | Limited by size ⁴ | Inconsistent ^{3,5} |
| Strength | Strongest ^{4,6,7} | Normally adequate ⁸ | Normally adequate ⁸ | Weaker ⁸ Variable and sometimes inadequate (~15%)* |
| Tensile Properties | More favorable than patellar graft ⁶ | Less favorable than quad tendon graft ⁶ | Less favorable than quad tendon graft ⁶ | Significant variability ⁹ Higher Laxity* |
| Regeneration | Yes ⁷ | Yes(Limited) ⁷ | No | Not completely |
| Failure Risk | Very Low ⁸ | Low ¹⁰ | Higher (almost 24% in < 40 yrs old) ^{11,12} | Low ¹⁰ |
| Graft Disease Transmission Risk | No ¹¹ | No ¹¹ | Yes ^{11,13,14} | No ¹¹ |
| Graft Rejection Risk | No ¹⁵ | No ¹⁵ | Yes ¹⁵ | Yes ¹⁵ |
| Post Op Pain | Low ¹ | Higher than hamstring tendon graft ¹⁶ | Low ¹ | Less than patellar autograft ¹⁶ |
| Chronic Pain | Low ¹ | Potential development of osteoarthritis reported ¹⁷ | Low ¹ | Potential development of osteoarthritis reported ¹⁷ |
| Scar/Aesthetics | Small | Large | Small | Small |

*Based on the experience of 5 surgeons, with experience across all graft types, who completed over 100 cases during the last 5 years using the QuadVantage Instrument Set. Guides for ensuring a consistent bone plug size and shape, forming of the harvested tendon and ease of amputation of the tendon, once harvested, minimized the level of expertise required to achieve consistent results. Additionally, lower site morbidity was observed in all cases vs Patellar Autograft procedures.

Table References

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(Full report on file at QuadVantage)

Relevant Articles (Active links to these articles can be found on the Company's website (quadvantage.com))

- Quadriceps Tendon Autograft Versus Bone-Patellar Tendon-Bone and Hamstring Tendon Autografts for Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-analysis - Wenli Dai, Xi Leng, Jian Wang, Jin Cheng, Xiaoqing Hu, Yingfang Ao, 2021 (sagepub.com)
- The Quad Tendon Graft for ACL Reconstruction — THE SPORTS MEDICINE MINUTE (williamsterrett.com) [Advantages of a Quad Tendon Graft](#)
- Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-analysis of Outcomes for Quadriceps Tendon Autograft Versus Bone-Patellar Tendon-Bone and Hamstring-Tendon Autografts - Dany Mouarbes, Jacques Menetrey, Vincent Marot, Louis Courtot, Emilie Berard, Etienne Cavaignac, 2019 (sagepub.com) [Better Results with Quadriceps](#)
- Increased Risk of Revision After Anterior Cruciate Ligament Reconstruction With Soft Tissue Allografts Compared With Autografts: Graft Processing and Time Make a Difference - Gregory B. Maletis, Jason Chen, Maria C.S. Inacio, Rebecca M. Love, Tadashi T. Funahashi, 2017 (sagepub.com) [Higher Risk of Failure for Allografts](#)
- Increased incidence of osteoarthritis of knee joint after ACL reconstruction with bone-patellar tendon-bone autografts than hamstring autografts: a meta-analysis of 1,443 patients at a minimum of 5 years - PubMed (nih.gov) [Lower Risk of Arthritis](#)
- Is Quadriceps Tendon a Better Graft Choice Than Patellar Tendon? A Prospective Randomized Study - Arthroscopy (arthroscopyjournal.org) [A Better Graft](#)
- ShortTerm_Recovery_After_Anterior_Cruciate_Ligament_Reconstruction_A_Prospective_Comparison_of_Three_Autografts [Early Return to Daily Activities](#)
- Quadriceps Tendon Graft for Anterior Cruciate Ligament Reconstruction: THE GRAFT OF THE FUTURE! - Arthroscopy (arthroscopyjournal.org) [Graft of the Future](#)
- MRI Signal Intensity of Quadriceps Tendon Autograft and Hamstring Tendon Autograft 1 Year After Anterior Cruciate Ligament Reconstruction in Adolescent Athletes - Alexandra H. Aitchison, David. Alcoloumbre, Douglas N. Mintz, Sofia Hidalgo Perea, Joseph T. Nguyen, Frank A. Cordasco, Daniel W. Green, 2021 (sagepub.com) [Quad in Pediatrics](#)
- <https://www.bing.com/ck/a?!&p=1e3b20f526980cb0170bdf6551c1d2ec47cc39b514a515ca18d978bd87066a65JmldtHM9MTY1NDIwMDI3MSZpZ3VpZD02YWUxZGRlZC1lNTIzLTQzMmQzODk5OS00YWM0NWUwNThhMmMmaW5zaWQ9NTE3NA&ptn=3&fclid=3700f838-e2af-11ec-bb71-d4cc3967a14e&u=a1aHR0cHM6Ly9oanJhZGlvbG9neS5vcmcvaW5kZXgucGhwL0hKU9hcnRyY2xIL2Rvd25sb2FkLzQ2MS8zMDE&ntb=1> [Quicker return to athletic Activities](#)
- Quadriceps tendon has a lower re-rupture rate than hamstring tendon autograft for anterior cruciate ligament reconstruction – A meta-analysis - Journal of ISAKOS (jisakos.com) [Lower Risk of Failure](#)