

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 144  
NOTICE OF PROPOSED SALE OF SECURITIES  
PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

ATTENTION: Transmittal for filing 3 copies of this form concurrently with either placing an order with a broker to execute sale or executing a sale directly with a market maker.

01147  
Form #

OMB APPROVAL OMB Number: 3335-0101 Expires: June 30, 2020 Estimated average burden hours per response: 1.00
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SEC USE ONLY  
DOCUMENT SEQUENCE NO.

CUSIP NUMBER

WORK LOCATION

1 (a) NAME OF ISSUER (Please type or print) <b>MKS Instruments, Inc.</b>		1 (b) ISSUANT NO. <b>04-2277812</b>		1 (c) S.E.C. FILE NO. <b>000-23821</b>	
2 (a) ADDRESS OF ISSUER <b>2 Tech Drive</b>		CITY <b>Andover</b>		STATE <b>MA</b>	
CITY <b>Andover</b>		STATE <b>MA</b>		ZIP CODE <b>01810</b>	
3 (a) NAME OF PERSON FOR WHOM ACCOUNT THE SECURITIES ARE TO BE SOLD <b>Ricky Hess</b>		3 (b) RELATIONSHIP TO ISSUER <b>Independent Director</b>		3 (c) ADDRESS STREET <b>65 Village View Road, Westford, MA 01886</b>	
CITY <b>Westford</b>		STATE <b>MA</b>		ZIP CODE <b>01886</b>	

INSTRUCTION: The person filing this notice should contact the issuer to obtain the I.R.S. Identification Number and the S.E.C. File Number.

2 (d) Title of Issuer Class of Securities To Be Sold	(b) Name and Address of Each Broker Through Whose Brokerage Securities are to be Offered or Sold (State Name, Address, City, State, and Zip Code)	SEC USE ONLY	(c) Number of Shares or Other Units To Be Sold (See note 1(b))	(d) Aggregate Market Value (See note 1(b))	(e) Number of Shares or Other Units Outstanding (See note 1(b))	(f) Approximate Date of Sale (See note 1(b))	(g) Name of Each Broker Through Whose Brokerage Securities are to be Offered or Sold (See note 1(b))
Common	Raymond James & Associates, Inc. 880 Carillon Parkway St. Petersburg, FL 33716	Broker Broker The number	2,738	\$313,500	64,964,309	6-24-2020	NASDAQ

- INSTRUCTIONS:
- (a) Name of issuer  
(b) Issuer's S.E.C. File Number  
(c) Issuer's S.E.C. File Number, if any  
(d) Issuer's address, including zip code  
(e) Issuer's telephone number, including area code
  - (a) Name of person for whom account the securities are to be sold  
(b) Such person's relationship to the issuer (i.e., officer, director, 10% shareholder, or member of immediate family of any of the foregoing)  
(c) Such person's address, including zip code
  - (a) Title of the issuer of securities to be sold  
(b) Name and address of each broker through whom the securities are intended to be sold  
(c) Number of shares or other units to be sold (if the securities are to be sold in a specified date within 30 days prior to the filing of this notice)  
(d) Aggregate market value of the securities to be sold as of a specified date within 30 days prior to the filing of this notice  
(e) Number of shares or other units of the issuer outstanding, as of date preceding the first business day following, as shown by the most recent report of management paid during the time  
(f) Approximate date on which the securities are to be sold  
(g) Name of each securities exchange, if any, on which the securities are intended to be sold

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

**TABLE I — SECURITIES TO BE SOLD**

*Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:*

Title of the Class	Date Year Acquired	Nature of Acquisition Transaction	Name of Person from Whom Acquired <i>(If not, enter give date from signature)</i>	Amount of Securities Acquired	Date of Payment	Nature of Payment
Common	5-8-2018	Grant from Issuer	Issuer	1,988	N/A	N/A
Common	5-7-2019	Grant from Issuer	Issuer	750	N/A	N/A

**INSTRUCTIONS:** If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

**TABLE II — SECURITIES SOLD DURING THE PAST 3 MONTHS**

*Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.*

Name and Address of Seller	Title of Securities Sold	Date of Sale	Amount of Securities Sold	Gross Proceeds
N/A				

**REMARKS:**

**INSTRUCTIONS:**

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (c) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

**ATTENTION:** The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the issuer of the securities to be sold which has not been fully disclosed. If such person has adopted a written trading plan or given trading instructions in writing Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the date adoption or instruction date.

June 24, 2020  
DATE OF PLAN ADOPTION OR GIVING OF INSTRUCTIONS,  
OR EXPIRATION OF RULE 10b5-1

R. D. Jones  
SIGNATURE

The notice shall be signed by the person for whose account the securities are to be sold. At least one copy of the notice shall be manually signed any copies not manually signed shall bear typed or printed signatures.

**ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)**