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UNITEDSTATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

RECEIVED JUN 07 2007

OFFICE OF THE SECRETA

Form 13F

FORM 13F COVER PAGE

ONFIDENTIAL TREATMENT DENTED Report for the Calendar Year or Quarter Ended: March 31, 2007

Check here if Amendment [X]; Amendment Number: This Amendment (Check only one.):

[] is a restatement. [] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Delton, Greiner, Hartman, Mahar & Co., LLC 565 Fifth Avenue, Suite 2101 New York, NY 10017 Name: Address:

Form 13F File Number: 28- 02757

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

10mas F. Gibson Name: Title: Phone:

Signature, Place, and Date of Signing:

mondif it comont Naples, FLorida

Report Type (Check only one.):

13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

- [] 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)
- [] 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

List of Other Managers Reporting for this Manager: [If there are no entries in this list, omit this section.]

Form 13F File Number Name

28-

[Repeat as necessary.]

FORM 13F SUMMARY PAGE

Report Summary:

| Number of Other Included Managers: | None | | | |
|---|-------------|--|--|--|
| Form 13F Information Table Entry Total: | <u> </u> | | | |
| Form 13F Information Table Value Total: | 7,765 | | | |
| | (thousands) | | | |

List of Other Included Managers:

Provide a numbered list of the name(s) and Form 13F file number(s) of all institutional investment managers with respect to which this report is filed, other than the manager filing this report.

[If there are no entries in this list, state "NONE" and omit the column headings and list entries.]

 No.
 Form 13F File Number
 Name

 28-______

[Repeat as necessary.]

FORM 13F INFORMATION TABLE

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| | C | OLUMN 1 | -COLUMN 2 COLUMN 3 COLUMN 4 | | · | COLUMN 6 | COLUMN 7 | COLUM | IN 8 | |
|---|---------------------------|--|---------------------------------------|---------------------------------------|---------|--|--------------------------|----------|-----------------------|---------------------|
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| | LifeScience | S Research I | nc. Com | 532169109 | 7,765 | 517,6234 | Sole | None | 506,182 | 0 11,500 |
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[Repeat as necessary]

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