FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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| OMB APPROVAL | | | | | | | | |
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| OMB Number: | 3235-0287 | | | | | | | |
| Estimated average b | ourden | | | | | | | |

0.5

hours per response:

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* MEADS MINDY C | | | | | 2. Issuer Name and Ticker or Trading Symbol MELA SCIENCES, INC. /NY [MELA] | | | | | (Che | Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | |
|---|--|------------|-------------------------------|-----------------------------------|--|-----------------------|----------------------------------|--|---|---|---|---|---|--|--|
| (Last) (First) (Middle) 50 SOUTH BUCKHOUT ST | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/08/2013 | | | | | | | Officer (below) | (give title | Other (below) | specify |
| (Street) IRVINGTON NY 10533 | | | | 4. | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | Line | ndividual or Joint/Group Filing (Check Applicable 2) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| (City) | (S | | (Zip) | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Trans Date (Month/l | | | | ransaction | Execution Date, if any (Month/Day/Year) Transaction Code (Instr. 8) Disposed Of (D) (Instr. 3, 4 | | d (A) or r. 3, 4 and Price | 5. Amoun Securities Beneficia Owned For Reported Transacti (Instr. 3 a | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. 3. Transaction Sah. Deemed Execution Date Execution Date if any | | 3A. Deemed Execution Date, | 4. Transaction Code (Instr. | | 5. Number of | | options, convertib | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficially Owned Following Reported | Ownership Form: Direct (D) or Indirect (I) (Instr. 4 | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| Stock | r0.74 | 00/00/2013 | 09/09/2012 | Code | v | (A) | (D) | Date Exercisable | 1 | Title Common | Amount or Number of Shares | #0.00 | Transaction (Instr. 4) | | |
| Option | \$0.74 | 08/08/2013 | 08/08/2013 | A | | 40,541 ⁽¹⁾ | | 09/30/2013 | 08/08/2023 | Stock | 40,541 | \$0.00 | 40,541 | D | |

Explanation of Responses:

1. The stock option grant vests as follows: 9/30/2013 10,136 options 12/31/2013 10,135 options 3/31/2014 10,135 options 6/30/2014 10,135 options

Remarks:

<u>Philip DeBellis as attorney-in-fact for Mindy Meads</u>

08/09/2013

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.