

INSPIREMD, INC.

Reported by
KESTER THOMAS J

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 09/08/16 for the Period Ending 09/06/16

| | |
|-------------|---|
| Address | 321 COLUMBUS AVENUE BOSTON, MA 02116 |
| Telephone | (857) 453-6553 |
| CIK | 0001433607 |
| Symbol | NSPR |
| Fiscal Year | 12/31 |

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| | | |
|---|---|---|
| 1. Name and Address of Reporting Person * Kester Thomas J (Last) (First) (Middle) C/O INSPIREMD, INC., 321 COLUMBUS AVENUE (Street) BOSTON, MA 02116 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol InspireMD, Inc. [NSPR] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below) |
| 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">9/6/2016</p> | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY) | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|----------------|-----------------------------------|---------------------------|---|---|------------|-------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
|---|--|----------------|-----------------------------------|---------------------------|---|--|---|-----|---|-----------------|--|--|--|--|-------|----------------------------|
| | | | | Code | V | | (A) | (D) | Date Exercisable | Expiration Date | | | | | Title | Amount or Number of Shares |
| Options to purchase common stock (right to buy) | \$0.13 | 9/6/2016 | | A | | 250000 | | | (1) | 9/6/2026 | Common Stock | 250000 | \$0 | 250000 | D | |

Explanation of Responses:

(The options vest and become exercisable in three equal annual installments, with 1/3 of the options (rounded down for fractional shares) becoming 1) exercisable on September 6, 2017, an additional 1/3 of the options (rounded down for fractional shares) becoming exercisable on September 6, 2018, and the remaining options becoming exercisable on September 6, 2019, provided that the options vest in full and become exercisable immediately on such date that the Reporting Person is not re-elected as a director at the Issuer's 2017 annual meeting of stockholders or such date that the Reporting Person is not re-nominated as a director for the Issuer's 2017 annual meeting of stockholders.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Kester Thomas J C/O INSPIREMD, INC. 321 COLUMBUS AVENUE BOSTON, MA 02116 | X | | | |

Signatures

/s/ **Thomas J. Kester**

9/8/2016

** 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 control number.