FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| <b>STATEMENT</b> | <b>OF CHANGES</b> | IN BENEFICIAL | <b>OWNERSHIP</b> |
|------------------|-------------------|---------------|------------------|

| l | OMB APPRO               | VAL       |
|---|-------------------------|-----------|
| l | OMB Number:             | 3235-0287 |
| l | Estimated average burde | en        |
|   | hours per response:     | 0.5       |

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

|   |   |            |  |  |  | . ,       |  |                          |   |  |   |  |   |  |          |
|---|---|------------|--|--|--|-----------|--|--------------------------|---|--|---|--|---|--|----------|
| 1. Name and Address of Reporting Person*  Horner D. Kevin |   |            |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  Mastech Holdings, Inc. [ MHH ] |  |           |  |                          |   | (Ch  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner |  |   |  |          |
| (Last) (First) (Middle) 1000 COMMERCE DRIVE, SUITE 500    |   |            |  |  | 3. Date of Earliest Transaction (Month/Day/Year) 10/15/2008                            |           |  |                          |   |  |   | X Director<br>Officer<br>below)  | (give title   |  | (specify |
| (Street) PITTSBURGH PA 15275                              |   |            | 4.   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                           |  |           |  |                          | Line  | 6. Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting |   |  |   |  |          |
| (City)  | (;  | State)     | (Zip)  |  |  |           |  |                          |   |  |   | Persor   | 1   |  |          |
|   |   | Tab        | ole I - Non-De   | rivativ  | e Se   | curities  | s Ac   | quired, Di               | sposed o  | of, or Be  | neficial  | y Owned  | l   |  |          |
| Date  |   |            | ansaction<br>th/Day/Y                                      | Execution Date,  |  | Code (Ins | Transaction Disposed Of (D) (Instr. 3, 4) Code (Instr. 5)      |                          |   | Beneficia<br>Owned F   | es Forn<br>ally (D) o<br>Following (I) (Ir  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership       |  |          |
|   |   |            |  |  |  |           |  | Amount                   | (A) or<br>(D)   | Price  | Reported<br>Transact<br>(Instr. 3   | tion(s)  |   | (Instr. 4)                               |          |
|   |   |            | Table II - Deri<br>(e.g.                                   |  |  |           |  | uired, Dis<br>, options, |   |  |   | Owned  |   |  |          |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)       | 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Yea |            | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year | Code   | ansaction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |           | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                          | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | Ownersh<br>Form:<br>Direct (D<br>or Indire<br>(I) (Instr. | Beneficial<br>Ownership<br>ct (Instr. 4) |          |
|   |   |            |  | Code   | v  | (A)       | (D)  | Date<br>Exercisable      | Expiration<br>Date  | Title  | Amount<br>or<br>Number<br>of<br>Shares  |  |   |  |          |
| Employee<br>Stock<br>Option<br>(Right to                  | \$1.15  | 10/15/2008 |  | A  |  | 10,000    |  | (1)                      | 10/15/2018  | Common<br>Stock  | 10,000  | \$0  | 10,000  | D  |          |

## **Explanation of Responses:**

1. 2,500 shares will vest on October 15, 2009. Thereafter, the options will vest in twelve equal quarterly installments of 625 beginning on January 15, 2010.

/s/ James Barnes, attorney-in-

**fact** 

\*\* Signature of Reporting Person

Date

10/17/2008

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.