Cronin John J. Form 4 December 21, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16.

Form 4 or Form 5

obligations may continue. See Instruction

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

(City)

Common

Stock

1. Name and Address of Reporting Person * Cronin John J.

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

Mastech Holdings, Inc. [MHH] 3. Date of Earliest Transaction

(Month/Day/Year) 12/19/2012

1000 COMMERCE DRIVE, SUITE 500

(First)

(Street)

(State)

12/19/2012

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below)

CFO, Sec & Treasurer

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

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

PITTSBURGH, PA 15275

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. Code (Instr. 8)

4. Securities Acquired Transaction(A) or Disposed of (D) (Instr. 3, 4 and 5)

Securities Beneficially Owned Following Reported

5. Amount of

(D) or Indirect (I) (Instr. 4)

Form: Direct Indirect Beneficial Ownership (Instr. 4)

(9-02)

1

6. Ownership 7. Nature of

(A) Transaction(s) (Instr. 3 and 4) Amount (D) Price

M

18,750

85,050

D

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

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 4.95	12/19/2012		M	18,750	<u>(1)</u>	12/18/2019	Common Stock	18,750

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Cronin John J. 1000 COMMERCE DRIVE, SUITE 500 PITTSBURGH, PA 15275			CFO, Sec & Treasurer			

Signatures

/s/ John Cronin 12/21/2012

**Signature of Person Date

**Beporting Person

Explanation of Responses:

- * 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).
- (1) 6,250 shares became exercisable on December 18, 2010, which was the first anniversary of the grant date, and thereafter, the remaining shares vest equally on a quarterly basis through December 18, 2013.

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

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