

INITIAL STATEMENT OF 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

OMB APPROVAL	
OMB Number:	3235-0104
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1. Name and Address of Reporting Person* <u>Gupta Vivek</u> (Last) (First) (Middle) C/O MASTECH HOLDINGS, INC. 1305 CHERRINGTON PKWY, BLDG 210, STE 400 (Street) MOON TOWNSHIP PA 15108 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 03/01/2016	3. Issuer Name and Ticker or Trading Symbol <u>Mastech Holdings, Inc. [MHH]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">President and CEO</p>	5. If Amendment, Date of Original Filed (Month/Day/Year) 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

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

Explanation of Responses:

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

No securities are beneficially owned.

/s/ John Cronin, Attorney-in-Fact

03/03/2016

** 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 5 (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.

POWER OF ATTORNEY

By this Power of Attorney given this 3rd day of March, 2016, Vivek Gupta authorizes John Cronin, Chief Financial Officer, Secretary and Treasurer of Mastech Holdings,

To prepare, execute, and file on my behalf all Forms 3, 4, and 5, and amendments thereto, necessary or appropriate to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney is valid until revoked by me.

I acknowledge that the Attorney, in serving in such capacity at my request, is not assuming, nor is Mastech Holdings, Inc. assuming, any of my responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

/s/ Vivek Gupta

Vivek Gupta