M/A-COM Technology Solutions Holdings, Inc.

Form 3

December 27, 2013

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

OMB APPROVAL

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

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. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement M/A-COM Technology Solutions Holdings, Inc. [MTSI] A Bajwa Najabat H. (Month/Day/Year) 12/18/2013 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 100 CHELMSFORD STREET (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer Other Person LOWELL, MAÂ 01851 (give title below) (specify below) Form filed by More than One SVP and General Manager, HPA Reporting Person

(City) (State) (Zip)

1. Title of Security (Instr. 4)

Table I - Non-Derivative Securities Beneficially Owned

2. Amount of Securities Beneficially Owned

(Instr. 4)

4. Nature of Indirect Beneficial Ownership Ownership Form: (Instr. 5) Direct (D) or Indirect

(I) (Instr. 5)

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

SEC 1473 (7-02)

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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		4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Expira Exercisable Date	on	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	

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Employee Stock Option (Right to Buy)	(1)	02/10/2020	Common Stock	6,688	\$ 19.45	D	Â
Employee Stock Option (Right to Buy)	(2)	11/05/2018	Common Stock	4,037	\$ 19.82	D	Â
Employee Stock Option (Right to Buy)	(3)	11/15/2015	Common Stock	645	\$ 21.68	D	Â
Employee Stock Option (Right to Buy)	(4)	04/28/2019	Common Stock	6,782	\$ 27.03	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
.t	Director	10% Owner	Officer	Other		
Bajwa Najabat H. 100 CHELMSFORD STREET LOWELL, MA 01851	Â	Â	SVP and General Manager, HPA	Â		

Signatures

/s/ Clay Simpson, Attorney-in-Fact

**Signature of Reporting Person

Explanation of Responses:

- * 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).
- Represents stock options originally granted on February 10, 2012 under the Mindspeed Technologies, Inc. 2003 Long-Term Incentives

 (1) Plan. One-third (1/3) of the stock options vested and became exercisable on the grant date, with the remaining stock options vesting and becoming exercisable as to an additional 1/8 of the options each three months after the grant date.
- (2) Represents stock options originally granted on November 5, 2010 under the Mindspeed Technologies, Inc. 2003 Long-Term Incentives Plan. The stock options are vested in full and are currently exercisable.
- (3) Represents stock options originally granted on November 15, 2007 under the Mindspeed Technologies, Inc. 2003 Long-Term Incentives Plan. The stock options are vested in full and are currently exercisable.
- Represents stock options originally granted on April 28, 2011 under the Mindspeed Technologies, Inc. 2003 Long-Term Incentives Plan.

 (4) One-third (1/3) of the stock options vested and became exercisable on the grant date, with the remaining stock options vesting and becoming exercisable as to an additional 1/8 of the options each three months after the grant date.

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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