Major Steven Michael Form 4 September 17, 2012

09/14/2012

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or 0.5 response... Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Major Steven Michael Issuer Symbol Sensata Technologies Holding N.V. (Check all applicable) [ST] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) below) C/O SENSATA TECHNOLOGIES. 09/14/2012 Senior Vice President, Sensors INC., 529 PLEASANT STREET (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting ATTLEBORO, MA 02703 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 1. Title of 3. 4. Securities Acquired 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership **Following** Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Ordinary Shares, par value EUR 09/14/2012 M 50,920 Α \$ 6.99 75,520 (1) D 0.01 per share **Ordinary** Shares, par value EUR 09/14/2012 M 12,950 A 88,470 (1) D 0.01 per share

S

63,870 D

24,600 (1)

D

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Ordinary	\$
Shares, par	32.25
value EUR	<u>(2)</u>
0.01 per	
share	

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

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(9-02)

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

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)	TransactiorDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 1 9
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Options to Buy	\$ 6.99	09/14/2012		M		50,920	(3)	05/15/2016	Ordinary Shares, par value EUR 0.01 per share	50,920	
Stock Options to Buy	\$ 18.88	09/14/2012		M		12,950 (4)	(3)	09/21/2020	Ordinary Shares, par value EUR 0.01 per share	12,950	

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	

Major Steven Michael C/O SENSATA TECHNOLOGIES, INC. **529 PLEASANT STREET** ATTLEBORO, MA 02703

Senior Vice President, Sensors

2 Reporting Owners

Signatures

/s/ Steven Reynolds by Power of Attorney

09/17/2012

**Signature of Reporting Person

Date

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) Includes 24,600 of unvested restricted stock.
- Represents a weighted average purchase price. The shares were purchased in multiple transactions as prices ranging from \$32.00 to \$32.41.
- (3) These options are currently exercisable.
- (4) The transaction being reported on this Form 4 was made through a 10B5-1 Sales Plan.
- (5) None of these options are curently exercisable.

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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