

Sullivan Martha N.  
 Form 4  
 November 19, 2010

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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. Name and Address of Reporting Person \*  
 Sullivan Martha N.

2. Issuer Name and Ticker or Trading Symbol  
 Sensata Technologies Holding N.V.  
 [ST]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 C/O SENSATA TECHNOLOGIES, INC., 529 PLEASANT STREET  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 11/17/2010

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 President and COO

ATTLEBORO, MA 02703

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Ordinary Shares, par value EUR 0.01 per share	11/17/2010		M		120,327	A	\$ 6.99
					203,604 <sup>(1)</sup>	D	
Ordinary Shares, par value EUR 0.01 per share	11/17/2010		S		144,164	D	\$ 23.136
					59,440 <sup>(1)</sup>	D	

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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. Transaction Code (Instr. 8)	5. Number of Derivative 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
Stock Options to Buy	\$ 6.99	11/17/2010		M	120,327	(2) 05/16/2016	Ordinary Shares, par value EUR 0.01 per share 120,327

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sullivan Martha N. C/O SENSATA TECHNOLOGIES, INC. 529 PLEASANT STREET ATTLEBORO, MA 02703			President and COO	

## Signatures

/s/ Maura Moroni by power of attorney  
11/19/2010

\*\*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 59,440 shares of unvested restricted stock.
- (2) These options are currently exercisable.
- (3) 1,063,273 of these options are currently exercisable.
- (4) In addition to the options reported herein, the reporting person beneficially owns 200,000 employee stock options to purchase an equal number of ordinary shares at an exercise price of \$14.80 per ordinary share, which options vest in five equal annual installments

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beginning September 4, 2010.

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

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