

Sullivan Martha N.
Form 4
March 18, 2010

FORM 4

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

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

OMB APPROVAL

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(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)
03/16/2010

____ Director ____ 10% Owner
__X__ Officer (give title ____ Other (specify
below) below)
Executive VP and COO

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

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

ATTLEBORO, MA 02703

(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	03/16/2010		S		59,923	D	\$ 16.92
					83,277	(1) (2)	D

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

**Persons who respond to the collection of
information contained in this form are not
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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)	8. 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	03/16/2010		M	59,923	(3) 05/16/2016	Ordinary Shares, par value EUR 0.01 per share	59,923

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

Executive VP and COO

Signatures

/s/ Maura Moroni by power of attorney

03/18/2010

__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) The reporting person acquired 59,923 ordinary shares upon the exercise of an equal number of employee stock options. Immediately, thereafter, the reporting person sold such ordinary shares in connection with the initial public offering of the issuer.
- (2) Consists of 74,300 unvested restricted securities.
- (3) These options are currently exercisable.
- (4) 917,591 of these options are currently exercisable, including 651,676 options which vested in connection with the consummation of the issuer's initial public offering.

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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