BRAAKSMA GEERT

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4 March 18, 2010

FORM 4

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **BRAAKSMA GEERT**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

Sensata Technologies Holding N.V.

(Check all applicable)

[ST]

(Last) (First) 3. Date of Earliest Transaction

Director X_ Officer (give title

10% Owner Other (specify

(Month/Day/Year)

03/16/2010

below) below)

Vice President, Sensors Europe

C/O SENSATA TECHNOLOGIES. INC., 529 PLEASANT STREET

(Street)

(State)

(Middle)

(Zip)

4. If Amendment, Date Original

Code V

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

Price

X Form filed by One Reporting Person Form filed by More than One Reporting

ATTLEBORO, MA 02703

2. Transaction Date 2A. Deemed 1. Title of Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Securities Beneficially Owned **Following** (Instr. 4)

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

(A) or Amount (D) Reported Transaction(s) (Instr. 3 and 4)

Ordinary Shares, par

share

(City)

value EUR 03/16/2010 0.01 per

13,135 D S

 $9,300 \frac{(1)}{(2)}$

D

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

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SEC 1474 (9-02)

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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)	5. Number of orDerivative 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	03/16/2010		M	13,135	(3)	05/15/2016	Ordinary Shares	13,135

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BRAAKSMA GEERT C/O SENSATA TECHNOLOGIES, INC. 529 PLEASANT STREET ATTLEBORO, MA 02703

Vice President, Sensors Europe

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 13,135 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 unvested restricted ordinary shares.
- (3) These options are currently exercisable.
- (4) 212,447 of these options are currently exercisable, including 150,388 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. 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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