

Ward Michael De Courcy
 Form 4
 April 15, 2010

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

OMB APPROVAL

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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 *
 Ward Michael De Courcy

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 BAIN CAPITAL PARTNERS,
 LLC, 111 HUNTINGTON AVENUE
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 04/14/2010

Director 10% Owner
 Officer (give title below) Other (specify below)

BOSTON, MA 02199

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 Ownership (Instr. 4)	
Ordinary Shares, par value EUR 0.01 per share	04/14/2010		D	4,386,535	D \$ 16.92	134,712,892	I	See Footnotes (1) (2) (3) (4)

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

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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. 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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Ward Michael De Courcy C/O BAIN CAPITAL PARTNERS, LLC 111 HUNTINGTON AVENUE BOSTON, MA 02199	X	X		

Signatures

/s/ Michael D. Ward 04/15/2010

**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) On April 14, 2010, Sensata Investment Company S.C.A. ("Sensata Investment Co.") sold 4,386,535 ordinary shares of Sensata Technologies Holdings N.V. Following such sale, Sensata Investment Co. held 134,712,892 ordinary shares of Sensata Technologies Holdings N.V.

(2) Sensata Investment Co. is controlled by its manager, Sensata Management Company S.A. ("Sensata SA"), through its board of directors. All of the outstanding capital stock of Sensata SA is owned by Bain Capital Fund VIII, L.P. ("Fund VIII") and Bain Capital Fund VIII-E, L.P. ("Fund VIII-E"), and in that capacity, these funds have the power to appoint the directors of Sensata SA. Because of the relationships described in footnotes (3) and (4) below, Bain Capital Investors, LLC ("BCI") may be deemed to control Fund VIII and Fund VIII-E and thus may be deemed to share voting and dispositive power with respect to the ordinary shares of Sensata Technologies Holdings N.V. held by Sensata Investment Co. (Continued in Footnote 3)

(3) Approximately 78.5% of the ordinary shares of Sensata Investment Co. are owned by Fund VIII, Bain Capital VIII Coinvestment Fund, L.P. ("Coinvestment VIII"), Fund VIII-E, Bain Capital Fund IX, L.P. ("Fund IX"), Bain Capital IX Coinvestment Fund, L.P. ("Coinvestment IX"), BCIP Associates III ("BCIP III"), BCIP Trust Associates III ("BCIP Trust III"), BCIP Associates III-B ("BCIP III-B"), BCIP Trust Associates III-B ("BCIP Trust III-B") and BCIP Associates-G ("BCIP-G" and together with Fund VIII, Coinvestment VIII, Fund VIII-E, Fund IX, Coinvestment IX, BCIP III, BCIP Trust III, BCIP III-B and BCIP Trust III-B, the "Bain Capital Funds").

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(4) Michael Ward is a Managing Director and member of the investment committee of BCI. BCI is the managing general partner of BCIP III, BCIP Trust III, BCIP III-B, BCIP Trust III-B and BCIP-G. BCI is also the general partner of Bain Capital Partners IX, L.P., which is the general partner of Fund IX and Coinvestment IX. BCI is also the general partner of Bain Capital Partners VIII, L.P. which is the general partner of Fund VIII and Coinvestment VIII. BCI is also the general partner of Bain Capital Partners VIII-E, L.P., which is the general partner of Fund VIII-E. By virtue of his relationship with BCI, Mr. Ward may be deemed to share voting and dispositive power with respect to the shares of the issuer that may be deemed to be beneficially owned by the Bain Capital Funds. Mr. Ward disclaims beneficial ownership of the ordinary shares that may be deemed to be beneficially owned by the Bain Capital Funds except to the extent of his pecuniary interest therein.

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.