Sensata Technologies Holding N.V.

Form 4

February 20, 2015

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

OMB APPROVAL

Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Issuer

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2. Issuer Name and Ticker or Trading

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

Symbol

1(b).

Peffer Charles

(Print or Type Responses)

1. Name and Address of Reporting Person *

			Sensata Technologies Holding N.V. [ST]			N.V.	(Check all applicable)				
(Last)		(Middle)	(Month/D	f Earliest Transaction Day/Year)				X Director Officer (give below)		Owner or (specify	
5424 MOHAWK			02/19/2015					,	,		
(Street)			4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
FAIRWAY, KS 66205			Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative S	Securi	ities Acqu	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Data (Month/Day/Year)		Date, if	3. Transactio Code (Instr. 8)	4. Securitin(A) or Dis (Instr. 3, 4)	sposed	of (D)	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)	
Ordinary Shares, par value EUR 0.01 per share	02/19/2015			M	9,800	A	\$ 31.76	11,800	D		
Ordinary Shares, par value EUR 0.01 per share	02/19/2015			M	2,200	A	\$ 20.6	14,000	D		
Ordinary Shares, par	02/19/2015			S	12,000	D	\$ 52.87	2,000	D		

value EUR 0.01 per share (1)

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

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SEC 1474 (9-02)

> 8. F Der Sec (Ins

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 6. Date Exercisable and Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	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	\$ 20.6	02/19/2015		M	2,200	<u>(2)</u>	04/29/2020	Ordinary Shares, par value EUR 0.01 per share	2,200
Stock options to Buy	\$ 31.76	02/19/2015		M	9,800	(2)	05/25/2022	Ordinary Shares, par value EUR 0.01 per share	9,800

Reporting Owners

Reporting Owner Name / Address	Relationships						
Transfer and the same and the s	Director	10% Owner	Officer	Other			
Peffer Charles							
5424 MOHAWK	X						
FAIRWAY, KS 66205							

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Signatures

/s/ Michael Richards by power of attorney 02/20/2015

**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) Represents a weighted average execution price. The shares were sold in multiple transactions at prices ranging from \$52.80 to \$53.03, inclusive.
- (2) These options are currently 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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