Peffer Charles Form 4 March 17, 2010

## FORM 4

#### **OMB APPROVAL**

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

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

2. Issuer Name and Ticker or Trading

1(b).

0.01 per share

(Print or Type Responses)

1. Name and Address of Reporting Person \*

Peffer Charles			Symbol Sensata Technologies Holding N.V. [ST]				Issuer (Check all applicable)			
(Last) 5424 MOHA	` , , , ,	(M	Date of Earliest T Ionth/Day/Year) 3/16/2010	•			_X_ Director Officer (gives below)		6 Owner er (specify	
(Street) FAIRWAY, KS 66205			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			
(City)	(State)	(Zip)	Table I - Non-	Derivative :	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		Date, if Transact Code		(A) of (B) 4 and (A) or	)	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	02/16/2010		D	2,000	<b>A</b>	¢ 10	2.000	D		
value EUR	03/16/2010		P	2,000	A	\$ 18	2,000	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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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	2.	3. Transaction Date		4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	Title	or Number		
						Exercisable	Exercisable Date		of		
				Code V	(A) (D)				Shares		
				Code v	(A) $(D)$				Shares		

## **Reporting Owners**

Reporting Owner Name / Address	<b>1.0</b>						
	Director	10% Owner	Officer	Other			

Peffer Charles 5424 MOHAWK X FAIRWAY, KS 66205

### **Signatures**

/s/ Bradley C. Reed under a Power of Attorney

03/17/2010

\*\*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).

Relationships

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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