

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Chawla Paul</u> (Last) (First) (Middle) <u>529 PLEASANT STREET</u> (Street) <u>ATTLEBORO MA 02703</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/01/2018</u>	3. Issuer Name and Ticker or Trading Symbol <u>Sensata Technologies Holding N.V. [ST]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Performance Sensing Auto</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Ordinary Shares, par value EUR 0.01 per share</u>	<u>22,151⁽¹⁾⁽²⁾</u>	<u>D</u>	

Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Stock options to Buy</u>	<u>(3)</u>	<u>07/16/2024</u>	<u>Ordinary Shares, par value EUR 0.01 per share</u>	<u>10,400⁽⁴⁾</u>	<u>48</u>	<u>D</u>	
<u>Stock options to Buy</u>	<u>(5)</u>	<u>04/01/2025</u>	<u>Ordinary Shares, par value EUR 0.01 per share</u>	<u>6,261⁽⁶⁾</u>	<u>56.94</u>	<u>D</u>	
<u>Stock options to Buy</u>	<u>(7)</u>	<u>04/01/2026</u>	<u>Ordinary Shares, par value EUR 0.01 per share</u>	<u>11,327⁽⁸⁾</u>	<u>38.96</u>	<u>D</u>	
<u>Stock options to Buy</u>	<u>(9)</u>	<u>04/01/2027</u>	<u>Ordinary Shares, par value EUR 0.01 per share</u>	<u>12,069⁽¹⁰⁾</u>	<u>43.67</u>	<u>D</u>	

Explanation of Responses:

- Includes unvested performance-based restricted securities granted to the reporting person on various dates as follows: 2,854 granted on April 1, 2015; 5,134 granted on April 1, 2016 and 7,157 granted on April 1, 2017. These restricted securities will vest three years after their respective grant date subject to the issuer's satisfaction of certain performance criteria. Also includes unvested time-based restricted securities granted to the reporting person on various dates as follows: 857 granted on April 1, 2015; 3,467 granted on April 1, 2016 and 1,718 granted on April 1, 2017. These restricted securities will vest three years after their respective grant date.
- Includes 964 ordinary shares beneficially owned by the reporting person.
- Option grant vests over four years at 25% each year, beginning on the first anniversary of the grant. Currently, 7,800 of these options are exercisable.
- Consists of options granted to the reporting person on July 16, 2014.
- Option grant vests over four years at 25% each year, beginning on the first anniversary of the grant. Currently, 3,130 of these options are exercisable.
- Consists of options granted to the reporting person on April 1, 2015.
- Option grant vests over four years at 25% each year, beginning on the first anniversary of the grant. Currently, 2,831 of these options are exercisable.
- Consists of options granted to the reporting person on April 1, 2016.
- Option grant vests over four years at 25% each year, beginning on the first anniversary of the grant. None of these options are exercisable.
- Consists of options granted to the reporting person on April 1, 2017.

Remarks:

/s/ Paul Chawla01/10/2018

** Signature of Reporting Person

Date

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

* If the form is filed by more than one reporting person, see Instruction 5 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY
Exhibit 24-1

January 10, 2018

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that the undersigned hereby constitutes and appoints each of Martha Sullivan, Paul Vasington, Steven Reynolds, Melissa Mong, and Michael Richards, signing singly, the undersigned's true and lawful attorney-in-fact to: (i) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director and/or owner of greater than 10% of the outstanding ordinary shares of Sensata Technologies Holding N.V., a public company with limited liability incorporated under the laws of the Netherlands (the "Company"), Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder; (ii) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority, including The New York Stock Exchange; and (iii) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned have caused this Power of Attorney to be executed as of date first written above.

Paul Chawla

/s/ Paul Chawla