

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

<b>1. Name and Address of Reporting Person*</b> <u>STERKENBURG ALBERT</u>  (Last) (First) (Middle) <u>221 WEST PHILADELPHIA STREET</u> <u>SUITE 60W</u>  (Street) <u>YORK PA 17401</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>DENTSPLY INTERNATIONAL INC /DE/ [ XRAY ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below)  <p style="text-align: center;"><b>Senior VP</b></p>
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>02/21/2015</u>	
<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>		

**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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/21/2015		M		1,367	A	\$0	9,807	D	
Common Stock	02/21/2015		M		5,717	A	\$0	15,524	D	
Common Stock	02/21/2015		F		3,142 <sup>(6)</sup>	D	\$52.53	12,382	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
PRSU	\$52.53	02/21/2015		M		1,367 <sup>(1)</sup>		02/21/2015	<sup>(3)</sup>	Common Stock	1,367	\$0 <sup>(2)</sup>	2,634.885	D	
RSU (Restricted Stock Unit)	\$52.53	02/21/2015		M		5,717 <sup>(4)</sup>		02/21/2015	<sup>(5)</sup>	Common Stock	5,717	\$0 <sup>(5)</sup>	11,666.461	D	
Stock Option	\$52	02/23/2015		A		14,300		02/23/2016 <sup>(7)</sup>	02/23/2025	Common Stock	14,300	\$0	14,300	D	
RSU (Restricted Stock Unit)	\$0	02/23/2015		A		3,065		02/23/2018 <sup>(8)</sup>	<sup>(5)</sup>	Common Stock	3,065	\$0	14,731.461	D	
PRSU	\$0	02/24/2015		A		1,925		02/24/2017 <sup>(8)</sup>	<sup>(5)</sup>	Common Stock	1,925	\$0	4,559.885	D	

**Explanation of Responses:**

- Vesting of PRSU granted on 2/21/2012 (previously reported on Form 4) along with accumulated dividends (issued on a quarterly basis and also reported on Form 4s since the date of grant).
- Not applicable to this transaction.
- Not applicable to this transaction.
- Vesting of RSU granted on 2/21/2012 (previously reported on Form 4) along with accumulated dividends (issued on a quarterly basis and also reported on Form 4s since the date of grant).
- Not applicable to this transaction.
- Amount withheld for taxes.
- Shares vest in annual one-third (1/3) increments over a three-year period ending February 23, 2018.
- Vests in full (restrictions lapse) 3 years from date of grant.

Deborah M. Rasin, POA for  
Albert Sterkenburg 02/25/2015

\*\* 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 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).

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.