

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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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

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

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		1,450	A	\$0	13,038	D	
Common Stock	02/21/2015		M		6,067	A	\$0	19,105	D	
Common Stock	02/21/2015		F		2,790 ⁽⁴⁾	D	\$52.53	16,315	D	
Common Stock	02/23/2015		S		7,392 ⁽⁷⁾	D	\$52.4	8,923	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		1,450 ⁽¹⁾		02/21/2015	⁽²⁾	Common Stock	1,450	\$0 ⁽²⁾	3,188.73	D	
RSU (Restricted Stock Unit)	\$52.53	02/21/2015		M		6,067 ⁽³⁾		02/21/2015	⁽²⁾	Common Stock	6,067	\$0 ⁽²⁾	14,985.195	D	
Stock Option	\$52	02/23/2015		A		19,400		02/23/2016 ⁽⁵⁾	02/23/2025	Common Stock	19,400	\$0	19,400	D	
RSU (Restricted Stock Unit)	\$0	02/23/2015		A		4,147		02/23/2018 ⁽⁶⁾	⁽²⁾	Common Stock	4,147	\$0	19,132.195	D	
PRSU	\$0	02/24/2015		A		2,736		02/24/2017 ⁽⁶⁾	⁽²⁾	Common Stock	2,736	\$0	5,924.73	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.
- 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).
- 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.
- The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 Trading Plan adopted by the reporting person.

Deborah M. Rasin, POA for
Robert J. Size

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.

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