W R GRACE & CO

Form 4

February 13, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

January 31, 2005

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Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading La Force Andrew Hudson III Issuer Symbol W R GRACE & CO [GRA] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _ Other (specify C/O W. R. GRACE & CO., 7500 02/11/2014 below) **GRACE DRIVE** Sr. VP and CFO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

COLUMBIA, MD 21044

	(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
S	Title of decurity Security Sec	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired (A) tiomr Disposed of (D) (Instr. 3, 4 and 5) (A) or		Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Common Stock, par value 60.01 per hare (1)	02/11/2014		Code V M	Amount 6,820	(D)	Price \$ 9.785	(Instr. 3 and 4) 56,820	D	
\$ V \$	Common Stock, par value 60.01 per hare (1)	02/11/2014		S	6,820	D	\$ 98.165 (2)	50,000	D	
	Common Stock, par	02/12/2014		M	18,000	A	\$ 9.785	68,000	D	

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value \$0.01 per share $\underline{^{(1)}}$ Common Stock, par \$ \$ value 02/12/2014 \$ \$ 18,000 D 98.264 50,000 D \$0.01 per share $\underline{^{(1)}}$

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

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 control number.

SEC 1474

(9-02)

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. Transactio Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (rights to buy)	\$ 9.785	02/11/2014		M	6,820	05/07/2012	05/07/2014	Common Stock (1)	6,820
Employee Stock Options (rights to buy)	\$ 9.785	02/12/2014		M	18,000	05/07/2012	05/07/2014	Common Stock (1)	18,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
La Force Andrew Hudson III C/O W. R. GRACE & CO. 7500 GRACE DRIVE			Sr. VP and CFO				

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COLUMBIA, MD 21044

Signatures

/s/ Sean E. Dempsey, Attorney-in-Fact

02/13/2014

**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) Each share of Common Stock also represents one Preferred Stock Purchase Right. Each such Right entitles the holder to purchase Preferred Stock or other securities or property upon the occurrence of certain events and subject to certain conditions.
- The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$98 to \$98.24, inclusive. The reporting person undertakes to provide W. R. Grace & Co., any security holder of W. R. Grace & Co., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$98 to \$98.59, inclusive. The reporting person undertakes to provide W. R. Grace & Co., any security holder of W. R. Grace & Co., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

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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