

SIMMONS HAROLD C
 Form 4/A
 August 23, 2006

FORM 4

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

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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 SIMMONS HAROLD C

(Last) (First) (Middle)

THREE LINCOLN CENTRE, 5430
 LBJ FREEWAY STE 1700

(Street)

DALLAS, TX 75240-2697

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

TITANIUM METALS CORP [TIE]

3. Date of Earliest Transaction (Month/Day/Year)

07/13/2006

4. If Amendment, Date Original Filed (Month/Day/Year)

07/14/2006

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

Chairman of the Board & CEO

6. Individual or Joint/Group Filing (Check Applicable Line)

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

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock, \$.01 par value	07/13/2006		P		125,000 <u>(1)</u>	A	\$ 27.1379 <u>(1)</u>
					4,292,400	D	

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

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 (9-02)

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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 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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SIMMONS HAROLD C THREE LINCOLN CENTRE 5430 LBJ FREEWAY STE 1700 DALLAS, TX 75240-2697	X	X	Chairman of the Board & CEO	

Signatures

A. Andrew R. Louis, Attorney-in-fact, for Harold C. Simmons

08/17/2006

__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).

The aggregate shares purchased as reported on both of these lines represent the total amount of 60 separate purchases of the issuer's common stock on July 13, 2006 by the reporting person's individual retirement account. The reported purchase prices are the average purchase prices for these 60 purchases, which purchase prices ranged from \$26.71 to \$27.51 per share.

Remarks:

This amendment is filed solely for the purpose of filing a Power of Attorney dated July 14, 2006 executed by the reporting person that authorized Andrew B. Nace to sign on his behalf.

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.