Simmons Annette C Form 4 November 01, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

3235-0287

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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).

par value Common

Stock, \$.01

11/01/2006

(Print or Type Responses)

	(11mt of Type I	esponses)										
1. Name and Address of Reporting Person * SIMMONS HAROLD C				2. Issuer Name and Ticker or Trading Symbol TITANIUM METALS CORP [TIE]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle)				3. Date of Earliest Transaction					(Check all applicable)			
THREE LINCOLN CENTRE, 5430 LBJ FREEWAY STE 1700				(Month/Day/Year) 11/01/2006					_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) below) Chairman of the Board & CEO			
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person			
	DALLAS, T	X 75240-2697							_X_ Form filed by I Person	More than One Re	eporting	
	(City)	(State)	(Zip)	Tabl	e I - Non-I	Derivative	Secur	ities Acqı	uired, Disposed of	f, or Beneficial	ly Owned	
	1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year	r) Execution any		3. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
	_				Code V	Amount		Price	(Instr. 3 and 4)			
	Common Stock, \$.01 par value	11/01/2006			P	1,600	A	\$ 29.44	4,994,500	D		
	Common Stock, \$.01 par value	11/01/2006			P	8,400	A	\$ 29.45	5,002,900	D		
	Common Stock, \$.01	11/01/2006			P	6,900	A	\$ 29.4	5,009,800	D		

P

1,700 A

\$

29.42

D

5,011,500

par	va	lue.

pai varae								
Common Stock, \$.01 par value	11/01/2006	P	1,200	A	\$ 29.43	5,012,700	D	
Common Stock, \$.01 par value	11/01/2006	P	200	A	\$ 29.44	5,012,900	D	
Common Stock, \$.01 par value						50,474,000	I	by Tremont (1)
Common Stock, \$.01 par value						6,127,000	I	by Valhi

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)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transa Code (Instr.		5. nNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amor Unde Secur	le and ant of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code	v	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships								
and the state of t	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						

Reporting Owners 2

Simmons Annette C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240

X

Signatures

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

11/01/2006

**Signature of Reporting Person

Date

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

11/01/2006

Simmons

**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) Directly held by Tremont LLC. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.
- (2) Directly held by Valhi, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.

Remarks:

Exhibit Index

99 Additional Information

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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