SIMMONS GLENN R

Form 4

March 24, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

January 31, Expires:

OMB APPROVAL

2005

Estimated average burden hours per

0.5 response...

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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

See Instruction 1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * SIMMONS GLENN R			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			TITANIUM METALS CORP [TIE]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	X Director 10% Owner			
5430 LBJ FREEWAY, SUITE 1700			05/11/2009	Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
			·	_X_ Form filed by One Reporting Person			
DALLAS, TX 75240				Form filed by More than One Reporting Person			

							1 013011			
(City)	(State)	(Zip) 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. Transactio Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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)	
Common Stock, \$.01 par value	03/23/2010		J <u>(1)</u>	30,000		\$ 16.29	42,782	I	by Spouse	
Common Stock, \$.01 par value	03/23/2010		<u>J(1)</u>	10,000	D	\$ 16.27	32,782	I	by Spouse	
Common Stock, \$.01 par value	03/23/2010		J <u>(1)</u>	10,000	D	\$ 16.26	22,782	I	by Spouse	
Common Stock, \$.01 par value	03/23/2010		<u>J(1)</u>	10,500	D	\$ 16.3	12,282	I	by Spouse	

Common

Stock, \$.01 145,097 D

par value

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

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SEC 1474

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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. Transac Code (Instr. 8	5. tionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	3	ate	7. Tit. Amou Under Secur (Instr	ınt of rlying	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

Director 10% Owner Officer Other

SIMMONS GLENN R 5430 LBJ FREEWAY, SUITE 1700 X DALLAS, TX 75240

Signatures

Glenn R. 03/24/2010 Simmons

**Signature of Date
Reporting Person

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) Open market sale by the reporting person's spouse. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.

(2)

Reporting Owners 2

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Directly held by the reporting person's spouse. The reporting person disclaims beneficial ownership of any shares of the issuer's common stock that his spouse holds.

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.