GRAINGER W W INC

Form 4 March 06, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: January 31, Expires:

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

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).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * GANTZ WILBUR H	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	GRAINGER W W INC [GWW]	(Check all applicable)			
(Last) (First) (Middle)	3. Date of Earliest Transaction				
100 GRAINGER PARKWAY	(Month/Day/Year) 03/06/2008	X Director 10% Owner Officer (give title below) Other (specification)			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
LAKE FOREST, IL 60045-5201	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-	Derivative Securities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price	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	03/06/2008		M	1,460 A \$ 51,6975	12,800	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

51.6875

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transactic Code (Instr. 8)	Secur Acqu (A) o Dispo	rities ired or osed of 3, 4,	6. Date Exercis Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securities	{ } (
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	<u>(1)</u>						(2)	<u>(2)</u>	Common Stock	16,500	
Stock Option	\$ 51.6875	03/06/2008		M		1,460	04/29/2001	04/28/2008	Common Stock	1,460	
Stock Option	\$ 48.625						04/28/1999	04/27/2009	Common Stock	1,860	
Stock Option	\$ 43.5						04/26/2000	04/25/2010	Common Stock	2,070	
Stock Option	\$ 37.5						04/25/2001	04/24/2011	Common Stock	2,400	
Stock Option	\$ 54.61						04/24/2002	04/23/2012	Common Stock	1,650	
Stock Option	\$ 45.5						04/30/2003	04/29/2013	Common Stock	1,980	
Stock Option	\$ 54.14						04/28/2004	04/27/2014	Common Stock	1,670	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
GANTZ WILBUR H 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201	X						

Date

Signatures

**Signature of Reporting Person

A. M. Nolan, as attorney-in-fact 03/06/2008

Reporting Owners 2

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) 1-for-1
- (2) The stock units are expected to settle in cash following termination of service as a director.

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.