#### GRAINGER W W INC

Form 4 May 08, 2007

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

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

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if no longer

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)

See Instruction

1. Name and Address of Reporting Person * RYAN JAMES T			2. Issuer Name and Ticker or Trading Symbol GRAINGER W W INC [GWW]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
100 GRAINGER PARKWAY		AY	(Month/Day/Year) 05/07/2007	_X_ Director 10% Owner _X_ Officer (give title Other (specify below)  President and COO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
LAKE FORES	T, IL 60045	5-5201	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - Non-E	Derivative S	Securi	ties Acquii	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)	(A) or		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	05/07/2007		M M	50,000	A	\$ 37.5	152,713	D	
Common Stock	05/07/2007		M	20,000	A	\$ 54.61	172,713	D	
Common Stock	05/07/2007		S	400	D	\$ 83.24	172,313	D	
Common Stock	05/07/2007		S	400	D	\$ 83.25	171,913	D	
Common Stock	05/07/2007		S	500	D	\$ 83.26	171,413	D	

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Common Stock	05/07/2007	S	379	D	\$ 83.27 171,034	D
Common Stock	05/07/2007	S	1,200	D	\$ 83.28 169,834	D
Common Stock	05/07/2007	S	1,000	D	\$ 83.29 168,834	D
Common Stock	05/07/2007	S	1,600	D	\$ 83.3 167,234	D
Common Stock	05/07/2007	S	5,500	D	\$ 83.31 161,734	D
Common Stock	05/07/2007	S	576	D	\$ 83.32 161,158	D
Common Stock	05/07/2007	S	1,100	D	\$ 83.33 160,058	D
Common Stock	05/07/2007	S	300	D	\$ 83.34 159,758	D
Common Stock	05/07/2007	S	1,300	D	\$ 83.35 158,458	D
Common Stock	05/07/2007	S	1,600	D	\$ 83.36 156,858	D
Common Stock	05/07/2007	S	1,100	D	\$ 83.37 155,758	D
Common Stock	05/07/2007	S	1,787	D	\$ 83.38 153,971	D
Common Stock	05/07/2007	S	500	D	\$ 83.39 153,471	D
Common Stock	05/07/2007	S	300	D	\$ 83.4 153,171	D
Common Stock	05/07/2007	S	500	D	\$ 83.41 152,671	D
Common Stock	05/07/2007	S	500	D	\$ 83.42 152,171	D
Common Stock	05/07/2007	S	100	D	\$ 83.43 152,071	D
Common Stock	05/07/2007	S	25	D	\$ 83.44 152,046	D
Common Stock	05/07/2007	S	100	D	\$ 83.45 151,946	D
Common Stock	05/07/2007	S	700	D	\$ 83.46 151,246	D
	05/07/2007	S	500	D	\$ 83.47 150,746	D

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Common Stock							
Common Stock	05/07/2007	S	200	D	\$ 83.475	150,546	D
Common Stock	05/07/2007	S	200	D		150,346	D
Common Stock	05/07/2007	S	1,300	D	\$ 83.49	149,046	D
Commom Stock	05/07/2007	S	1,500	D	\$ 83.5	147,546	D

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

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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. Transactic 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
Option	\$ 37.5	05/07/2007		M		50,000	04/25/2007	04/24/2011	Common Stock	50,000
Option	\$ 54.61	05/07/2007		M		20,000	04/24/2005	04/23/2012	Common Stock	20,000
Option	\$ 45.5						04/30/2006	04/29/2013	Common Stock	30,000
Option	\$ 54.14						04/28/2007	04/27/2014	Common Stock	20,000
Option	\$ 52.29						04/27/2008	04/26/2015	Common Stock	27,000
Option	\$ 76.61						04/26/2009	04/25/2016	Common Stock	25,000
Option	\$ 83.08						04/25/2010	04/24/2017	Common Stock	30,000

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
Treporting O When I want of Francisco	Director	10% Owner	Officer	Other				
RYAN JAMES T 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201	X		President and COO					

# **Signatures**

L. M. Trusdell, as attorney-in-fact 05/08/2007

\*\*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).

#### **Remarks:**

This is the first of four Forms 4 to report all of the May 7, 2007 transactions for the reporting person.

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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