#### **GRAINGER W W INC**

Form 4

February 20, 2009

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL** OMB

3235-0287 Number:

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

(Last)

(City)

1. Name and Address of Reporting Person \* RYAN JAMES T

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

GRAINGER W W INC [GWW]

(Check all applicable)

100 GRAINGER PARKWAY

(First)

(Street)

(State)

(Middle)

(7:m)

3. Date of Earliest Transaction

(Month/Day/Year) 02/18/2009

\_X\_\_ Director 10% Owner Other (specify X\_ Officer (give title

6. Individual or Joint/Group Filing(Check

below) CEO and President

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

Applicable Line) \_X\_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

LAKE FOREST, IL 60045-5201

(City)	(State)	Table Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi		*	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	_		Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	02/18/2009		A	3,450	A	\$ 0	136,396	D	
Common Stock	02/18/2009		F	1,046	D	\$ 77.49	135,350	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.

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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. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pri Deriv Secur (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
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	
Option	\$ 85.82					04/30/2011	04/29/2018	Common Stock	57,000	

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
<b></b>	Director	10% Owner	Officer	Other			
RYAN JAMES T							
100 GRAINGER PARKWAY	X		CEO and President				
LAKE FOREST, IL 60045-5201							

# **Signatures**

C. L. Kogl, as attorney-in-fact 02/20/2009

\*\*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:**

Exhibit List: Exhibit 24 - Power of Attorney

Reporting Owners 2

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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.