GRAINGER W W INC

Form 4

March 11, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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response...

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

Check this box

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * LOIZZO LARRY J			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 GRAIN	GER PARK	WAY	(Month/Day/Year) 03/10/2009	Director 10% Owner _X Officer (give title Other (specify below) Vice President		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
LAKE FOR	EST, IL 6004	45-5201	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-D	Derivative	Secur	ities Acqu	ired, Disposed of	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year) Execution I any (Month/Day		Code (Instr. 3, 4 and 5)			5. Amount of 6. Securities Ownership Form: Direct Owned (D) or Indirect (I) Reported (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(11341-1)	
Common Stock	03/10/2009		M	8,000	A	\$ 48.625	46,058	D	
Common Stock	03/10/2009		S	300	D	\$ 63.83	45,758	D	
Common Stock	03/10/2009		S	500	D	\$ 63.84	45,258	D	
Common Stock	03/10/2009		S	1,500	D	\$ 63.85	43,758	D	
Common Stock	03/10/2009		S	300	D	\$ 63.86	43,458	D	

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Common Stock	03/10/2009	S	1,003	D	\$ 63.87 42,455	D
Common Stock	03/10/2009	S	600	D	\$ 63.88 41,855	D
Common Stock	03/10/2009	S	200	D	\$ 63.9 41,655	D
Common Stock	03/10/2009	S	400	D	\$ 63.91 41,255	D
Common Stock	03/10/2009	S	700	D	\$ 63.92 40,555	D
Common Stock	03/10/2009	S	400	D	\$ 63.95 40,155	D
Common Stock	03/10/2009	S	400	D	\$ 63.97 39,755	D
Common Stock	03/10/2009	S	700	D	\$ 63.99 39,055	D
Common Stock	03/10/2009	S	500	D	\$ 64.01 38,555	D
Common Stock	03/10/2009	S	300	D	\$ 64.02 38,255	D
Common Stock	03/10/2009	S	97	D	\$ 64.03 38,158	D
Common Stock	03/10/2009	S	100	D	\$ 64.06 38,058	D

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

3. Transaction Date 3A. Deemed

1. Title of 2.

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5. Number

6. Date Exercisable and

SEC 1474 (9-02)

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

Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction Derivative		Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Securities	(Month/Day/Year)		(Instr. 3 and 4)	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired				
	Derivative				(A) or				
	Security				Disposed of				
	-				(D)				
					(Instr. 3, 4,				
					and 5)				
									Amount
						Date	Expiration		Amount
								Title or	
				C-J- V	(A) (D)	Exercisable	Date		Number
				Code V	(A) (D)				of Shares

7. Title and Amount of 8

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Option	\$ 48.625	03/10/2009	M	8,000	04/28/2002	04/27/2009	Common Stock	8,000
Option	\$ 42.8125				03/01/2003	02/28/2010	Common Stock	760
Option	\$ 43.5				04/26/2003	04/25/2010	Common Stock	10,120
Option	\$ 37.5				04/25/2004	04/24/2011	Common Stock	15,600
Option	\$ 54.61				04/24/2005	04/23/2012	Common Stock	15,000
Option	\$ 45.5				04/30/2005	04/29/2013	Common Stock	15,000
Option	\$ 54.14				04/28/2007	04/27/2014	Common Stock	15,000
Option	\$ 52.29				04/27/2008	04/26/2015	Common Stock	9,000
Option	\$ 76.61				04/26/2009	04/25/2016	Common Stock	10,000
Option	\$ 83.08				04/25/2010	04/24/2017	Common Stock	8,000
Option	\$ 85.82				04/30/2011	04/29/2018	Common Stock	8,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

LOIZZO LARRY J

100 GRAINGER PARKWAY Vice President LAKE FOREST, IL 60045-5201

Signatures

C. L. Kogl, as

attorney-in-fact 03/11/2009

**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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 3

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