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

OMB APPROVAL

3235-0287 Number:

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Check this box

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

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * LOIZZO LARRY J

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

GRAINGER W W INC [GWW]

5. Relationship of Reporting Person(s) to Issuer

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

02/18/2009

X_ Officer (give title below)

Director 10% Owner

Other (specify

(Check all applicable)

Vice President

100 GRAINGER PARKWAY

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

LAKE FOREST, IL 60045-5201

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly 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. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	d 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	02/18/2009		A	1,380	A	\$ 0	36,552	D	
Common Stock	02/18/2009		F	494	D	\$ 77.49	36,058	D	

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

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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. Transactio Code (Instr. 8)	5. Dr.Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date Unde (Month/Day/Year) (Instr			Fitle and Amount of derlying Securities str. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
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					04/30/2006	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	Relationships							
Transfer of the second	Director	10% Owner	Officer	Other				
LOIZZO LARRY J								
100 GRAINGER PARKWAY			Vice President					
LAKE FOREST, IL 60045-5201								

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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

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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