

GRAINGER W W INC
Form 4
June 14, 2007

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
LOIZZO LARRY J

(Last) (First) (Middle)
100 GRAINGER PARKWAY
(Street)

LAKE FOREST, IL 60045-5201

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
GRAINGER W W INC [GWW]

3. Date of Earliest Transaction (Month/Day/Year)
06/12/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Senior Vice President

6. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
			Code	V Amount (A) or (D) Price			
Common Stock	06/12/2007		M	7,180 A \$ 51.6875	43,680	D	
Common Stock	06/12/2007		M	790 A \$ 48.625	44,470	D	
Common Stock	06/12/2007		S	1,800 D \$ 87	42,670	D	
Common Stock	06/12/2007		S	100 D \$ 87.01	42,570	D	
Common Stock	06/12/2007		S	770 D \$ 87.02	41,800	D	

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Common Stock	06/12/2007	S	1,700	D	\$ 87.04	40,100	D
Common Stock	06/12/2007	S	100	D	\$ 87.05	40,000	D
Common Stock	06/12/2007	S	300	D	\$ 87.06	39,700	D
Common Stock	06/12/2007	S	700	D	\$ 87.07	39,000	D
Common Stock	06/12/2007	S	300	D	\$ 87.09	38,700	D
Common Stock	06/12/2007	S	600	D	\$ 87.1	38,100	D
Common Stock	06/12/2007	S	900	D	\$ 87.11	37,200	D
Common Stock	06/12/2007	S	700	D	\$ 87.12	36,500	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. Transaction Code (Instr. 8)	5. Number of Derivative 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)	8. Amount or Number of Shares
Option	\$ 51.6875	06/12/2007		M	7,180	04/29/2001 04/28/2008	Common Stock	7,180
Option	\$ 48.625	06/12/2007		M	790	04/28/2002 04/27/2009	Common Stock	790
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

