

GRAINGER W W INC
Form 4
September 15, 2009

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 *
MCCARTER JOHN W JR

(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)
09/14/2009

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)

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	09/14/2009		M		2,070 A \$ 43.5	16,249	D
Common Stock	09/14/2009		S		98 D \$ 89.4023	16,151	D
Common Stock	09/14/2009		S		300 D \$ 89.42	15,851	D
Common Stock	09/14/2009		S		400 D \$ 89.43	15,451	D
Common Stock	09/14/2009		S		47 D \$ 89.44	15,404	D
	09/14/2009		S		1,100 D \$ 89.45	14,304	D

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Common
Stock

Common Stock	09/14/2009	S	100	D	\$ 89.46	14,204	D
Common Stock	09/14/2009	S	25	D	\$ 89.4606	14,179	D

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

Persons who respond to the collection of information contained in this form are not 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. Transaction Code (Instr. 8)	5. Number of Derivative Securities (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	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Units	(1)					(2)	(2)	Common Stock	9,880
Stock Option	\$ 43.5	09/14/2009		M	2,070	04/26/2000	04/25/2010	Common Stock	2,070
Stock Option	\$ 37.5					04/25/2001	04/24/2011	Common Stock	2,400
Stock Option	\$ 54.61					04/24/2002	04/23/2012	Common Stock	1,650
Stock Option	\$ 45.5					04/30/2003	04/29/2013	Common Stock	1,980
Stock Option	\$ 54.14					04/28/2004	04/27/2014	Common Stock	1,670

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

