CARRUTHERS COURT D

Form 4 May 31, 2013

FORM 4

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

Check this box if no longer subject to

Section 16.

Form 4 or Form 5 obligations may continue. See Instruction

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * CARRUTHERS COURT D

> (First) (Middle)

100 GRAINGER PARKWAY

LAKE FOREST, IL 60045-5201

(Street)

2. Issuer Name and Ticker or Trading Symbol

GRAINGER W W INC [GWW]

3. Date of Earliest Transaction (Month/Day/Year) 05/30/2013

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

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below)

Sr. Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)

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

Person

(City)	(State)	(Zip) 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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price			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	05/30/2013		Code V S	Amount 1,171	(D) D	Price \$ 254.7519	24,252	D		
Common Stock	05/30/2013		S	96	D	\$ 254.76	24,156	D		
Common Stock	05/30/2013		S	100	D	\$ 254.84	24,056	D		
Common Stock	05/30/2013		S	100	D	\$ 254.87	23,956	D		
Common Stock	05/30/2013		S	200	D	\$ 254.88	23,756	D		

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Common Stock	05/30/2013	S	100	D	\$ 254.89	23,656	D
Common Stock	05/30/2013	S	100	D	\$ 254.94	23,556	D
Common Stock	05/30/2013	S	100	D	\$ 254.95	23,456	D
Common Stock	05/30/2013	S	100	D	\$ 254.96	23,356	D
Common Stock	05/30/2013	S	304	D	\$ 254.97	23,052	D
Common Stock	05/30/2013	S	100	D	\$ 254.99	22,952	D

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

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SEC 1474 (9-02)

> 8. Pri Deriv Secur (Instr

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. onNumber 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 81.49					04/29/2012	04/28/2019	Common Stock	15,000
Stock Option	\$ 108.15					04/28/2013	04/27/2020	Common Stock	29,000
Stock Option	\$ 149.02					04/27/2014	04/26/2021	Common Stock	24,876
Stock Option	\$ 204.01					04/25/2015	04/24/2022	Common Stock	16,923
Stock Option	\$ 245.86					04/24/2016	04/23/2023	Common Stock	15,741

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CARRUTHERS COURT D 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201

Sr. Vice President

Signatures

David L. Rawlinson, as attorney-in-fact

05/31/2013

**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).

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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