

GRAINGER W W INC  
Form 4  
February 22, 2013

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
HOWARD JOHN L

(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)  
02/20/2013

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)  
Sr. VP and General Counsel

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	02/20/2013		A		4,600	A	\$ 0 46,402
Common Stock	02/20/2013		F		1,491	D	\$ 202.37 44,911
Common Stock	02/21/2013		S		2,509	D	\$ 225 42,402
Common Stock	02/21/2013		S		100	D	\$ 225.13 42,302
Common Stock	02/21/2013		S		200	D	\$ 225.205 42,102

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Common Stock      02/21/2013      S      300      D      \$ 225.215      41,802      D

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

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(9-02)

**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. Price or Deriv Secur (Instr. 3)	
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)
Option	\$ 76.61					04/26/2009	04/25/2016	Common Stock	10,000
Option	\$ 83.08					04/25/2010	04/24/2017	Common Stock	10,000
Option	\$ 85.82					04/30/2011	04/29/2018	Common Stock	11,000
Option	\$ 81.49					04/29/2012	04/28/2019	Common Stock	21,000
Option	\$ 108.15					04/28/2013	04/27/2020	Common Stock	19,500
Option	\$ 149.02					04/27/2014	04/26/2021	Common Stock	14,990
Option	\$ 204.01					04/25/2015	04/24/2022	Common Stock	11,716

## Reporting Owners

Reporting Owner Name / Address

**Relationships**

Director    10% Owner    Officer    Other  
Sr. VP and General Counsel

HOWARD JOHN L  
100 GRAINGER PARKWAY  
LAKE FOREST, IL 60045-5201

## Signatures

David L. Rawlinson, as  
attorney-in-fact

02/21/2013

\_\_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).

### 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.  
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