

GRAINGER W W INC  
Form 4  
April 18, 2016

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
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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 \*  
**HIGH JOSEPH C**

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

**LAKE FOREST, IL 60045**

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
**04/15/2016**

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 & Chief People Officer**

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	(D)	Price
Common Stock	04/15/2016		M <sup>(1)</sup>		5,800	A	\$ 154.84 14,739
Common Stock	04/15/2016		S <sup>(1)</sup>		100	D	\$ 233.07 14,639
Common Stock	04/15/2016		S <sup>(1)</sup>		100	D	\$ 233.19 14,539
Common Stock	04/15/2016		S <sup>(1)</sup>		101	D	\$ 233.26 14,438
Common Stock	04/15/2016		S <sup>(1)</sup>		100	D	\$ 233.3 14,338

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Common Stock	04/15/2016	<u>S(1)</u>	200	D	\$ 233.31	14,138	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 233.34	14,038	D
Common Stock	04/15/2016	<u>S(1)</u>	300	D	\$ 233.62	13,738	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 233.7	13,638	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 233.7651	13,538	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 233.88	13,438	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 233.9638	13,338	D
Common Stock	04/15/2016	<u>S(1)</u>	200	D	\$ 234.18	13,138	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 234.25	13,038	D
Common Stock	04/15/2016	<u>S(1)</u>	50	D	\$ 234.33	12,988	D
Common Stock	04/15/2016	<u>S(1)</u>	200	D	\$ 234.36	12,788	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 234.39	12,688	D
Common Stock	04/15/2016	<u>S(1)</u>	200	D	\$ 234.43	12,488	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 234.49	12,388	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 234.53	12,288	D
Common Stock	04/15/2016	<u>S(1)</u>	200	D	\$ 234.7007	12,088	D
Common Stock	04/15/2016	<u>S(1)</u>	200	D	\$ 234.71	11,888	D
Common Stock	04/15/2016	<u>S(1)</u>	232	D	\$ 234.74	11,656	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 234.75	11,556	D
Common Stock	04/15/2016	<u>S(1)</u>	100	D	\$ 234.8	11,456	D

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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
Stock Option	\$ 154.84	04/15/2016		M <sup>(1)</sup>	5,800	07/26/2014 07/25/2021	Common Stock	5,800
Stock Option	\$ 204.01					04/25/2015 04/24/2022	Common Stock	10,415
Stock Option	\$ 245.86					04/24/2016 04/23/2023	Common Stock	8,920
Stock Option	\$ 248.22					04/30/2017 04/29/2024	Common Stock	7,360
Stock Option	\$ 231.88					04/01/2018 03/31/2025	Common Stock	8,459
Stock Option	\$ 234.38					04/01/2019 03/31/2026	Common Stock	9,531

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HIGH JOSEPH C 100 GRAINGER PARKWAY LAKE FOREST, IL 60045			Sr. VP & Chief People Officer	

## Signatures

Noni Ellison Southall, as attorney-in-fact 04/18/2016

\*\*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).
- (1) Transaction pursuant to a previously adopted Rule 10b5-1 trading program.

### Remarks:

This is the first of two Forms 4 to report all April 15, 2016 transactions for the Reporting Person.

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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