GRAINGER W W INC Form 4

Check this box

Form 4 or

obligations

may continue.

Form 5

April 04, 2016

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * RYAN JAMES T

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol GRAINGER W W INC [GWW]

(Middle) (Last) (First)

3. Date of Earliest Transaction

(Month/Day/Year)

_X__ Director 10% Owner X_ Officer (give title Other (specify

(Check all applicable)

04/01/2016

below) below) Chairman, President and CEO

(Street) 4. If Amendment, Date Original

(Month/Day/Year)

Filed(Month/Day/Year)

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

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

D

Person

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

LAKE FOREST, IL 600455201

(State)

100 GRAINGER PARKWAY

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially (D) or Indirect (I) Owned Following (Instr. 4) Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Ownership (Instr. 4)

(9-02)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(A) or

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common Stock

(City)

167,928

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. Transacti Code (Instr. 8)	5. Number of orDerivative 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	65,000
Stock Option	\$ 108.15						04/28/2013	04/27/2020	Common Stock	122,000
Stock Option	\$ 149.02						04/27/2014	04/26/2021	Common Stock	96,400
Stock Option	\$ 204.01						04/25/2015	04/24/2022	Common Stock	78,100
Stock Option	\$ 245.86						04/24/2016	04/23/2023	Common Stock	70,465
Stock Option	\$ 248.22						04/30/2017	04/29/2024	Common Stock	56,558
Stock Option	\$ 231.88						04/01/2018	03/31/2025	Common Stock	65,816
Stock Option	\$ 234.38	04/01/2016		A	78,152		04/01/2019	03/31/2026	Common Stock	78,152

Reporting Owners

Reporting Owner Name / Address	Relationships					
Transfer of the same of the sa	Director	10% Owner	Officer	Other		
RYAN JAMES T 100 GRAINGER PARKWAY LAKE FOREST, IL 600455201	X		Chairman, President and CEO			

Signatures

Noni Ellison Southall, as Attorney 04/04/2016 In Fact **Signature of Reporting Person

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.

Date

Reporting Owners 2

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