Tapia Eric R Form 4 July 27, 2017

### FORM 4

#### OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Expires: January 31, 2005

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Tapia Eric R	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)	GRAINGER W W INC [GWW]  3. Date of Earliest Transaction	(Check all applicable)		
100 GRAINGER PARKWAY	(Month/Day/Year) 07/27/2017	Director 10% Owner _X_ Officer (give title Other (specify below)  Vice President & Controller		
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
LAKE FOREST, IL 60045-5201 (City) (State) (Zip)		Form filed by More than One Reporting Person		

(City)	(State)	Tab	le I - Non-I	Derivative Securities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Disposed of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)		Owned	(D) or	Ownership
					Following	Indirect (I)	(Instr. 4)
				(4)	Reported	(Instr. 4)	
				(A)	Transaction(s)		

Common Stock O7/27/2017 F 808 D Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price (Instr. 3 and 4)

F 808 D 3,938 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.

SEC 1474

(9-02)

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

#### Edgar Filing: Tapia Eric R - Form 4

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)		te	7. Title and Underlying (Instr. 3 and	Securities	8. Prio Deriv Secur (Instr.
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option	\$ 245.86					04/24/2016	04/23/2023	Common Stock	825	
Stock Option	\$ 248.22					04/30/2017	04/29/2024	Common Stock	672	
Stock Option	\$ 231.88					04/01/2018	03/31/2025	Common Stock	768	
Stock Option	\$ 234.38					04/01/2019	03/31/2026	Common Stock	865	
Stock Option	\$ 231.2					04/03/2020	04/02/2027	Common Stock	1,258	

## **Reporting Owners**

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

Tapia Eric R

100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201 Vice President & Controller

## **Signatures**

Hugo Dubovoy, Jr., as attorney-in-fact 07/27/2017

\*\*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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