GRAINGER W W INC

Form 4

January 04, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

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obligations

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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading RYAN JAMES T Issuer Symbol GRAINGER W W INC [GWW] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner Other (specify X_ Officer (give title 100 GRAINGER PARKWAY 01/03/2017 below) Chairman of the Board (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting LAKE FOREST, IL 600455201 Person

(City)	(State)	(Zip) Ta	ble I - Non-	-Derivative	Secu	rities Acquire	d, Disposed of, o	r 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. Securit onDisposed (Instr. 3, 4)	of (D)		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	12/16/2016		G V	4,450	D	\$ 0	163,478	D	
Common Stock	01/03/2017		M(1)	65,000	A	\$ 81.49	228,478	D	
Common Stock	01/03/2017		S <u>(1)</u>	65,000	D	\$ 234.1707	163,478	D	

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

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number.

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. Transactio Code (Instr. 8)	5. Number of onDerivative 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	01/03/2017		M(1)		65,000	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						04/01/2019	03/31/2026	Common Stock	78,152

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
RYAN JAMES T 100 GRAINGER PARKWAY LAKE FOREST, IL 600455201	X		Chairman of the Board					

Signatures

Hugo Dubovoy, Jr., as attorney-in-fact

**Signature of Reporting Person Date

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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.

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.