GRAINGER W W INC

Form 4

December 01, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

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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).

Stock

(Print or Type Responses)

1. Name and Add HOWARD JO		ting Person *	2. Issuer Name and Ticker or Trading Symbol GRAINGER W W INC [GWW]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
100 GRAINGER PARKWAY		WAY	(Month/Day/Year) 11/30/2016	Director 10% OwnerX Officer (give title Other (specify below) Sr. VP and General Counsel		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
LAKE FOREST, IL 60045			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	Tabl	e I - Non-D	erivative (Securi	ities Acqu	iired, Disposed of	, or Beneficial	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies Ac	quired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of (D)			Securities	Ownership	Indirect	
(Instr. 3)		any	Code	(Instr. 3, 4	and 5	5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(A)		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	11/30/2016		M	11,000	A	\$ 85.82	49,406	D	
Common	11/30/2016		S	11,000	D	\$ 230	38,406	D	

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

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$\label{thm:convertible} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

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. Number of ctiorDerivative Securities 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		e Expiration Date s (Month/Day/Year) (A) sed of		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	\$ 85.82	11/30/2016		M		11,000	04/30/2011	04/29/2018	Common Stock	11,000
Stock Option	\$ 81.49						04/29/2012	04/28/2019	Common Stock	21,000
Stock Option	\$ 108.15						04/28/2013	04/27/2020	Common Stock	19,500
Stock Option	\$ 149.02						04/27/2014	04/26/2021	Common Stock	14,990
Stock Option	\$ 204.01						04/25/2015	04/24/2022	Common Stock	11,716
Stock Option	\$ 245.86						04/24/2016	04/23/2023	Common Stock	11,543
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	9,728
Stock Option	\$ 234.38						04/01/2019	03/31/2026	Common Stock	12,390

Reporting Owners

Reporting Owner Name / Address		Relationships						
Treporting O When I wante / I wante of	Director	10% Owner	Officer	Other				
HOWARD JOHN L 100 GRAINGER PARKWAY LAKE FOREST, IL 60045			Sr. VP and General Counsel					

Signatures

Noni Ellison Southall, as attorney-in-fact	12/01/2016		
**Signature of Reporting Person	Date		

Reporting Owners 2

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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).

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.