GRAINGER W W INC

Form 4

September 01, 2016

FORM 4

OMB APPROVAL

OMB

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

3235-0287 Number: January 31, Expires: 2005

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per 0.5 response...

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 * SLAVIK JAMES D			2. Issuer Name and 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		XWAY	(Month/Day/Year) 09/01/2016	_X_ Director 10% Owner Officer (give title below) Other (specify below)			
	(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) (Z	Zip) Table	e 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. Transactic Code (Instr. 8)	4. Securities ionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		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						828,194	D		
Common Stock						68,847	I	See Footnote (1)	
Common Stock						1,039,490	I	See Footnote (2)	
Common Stock						1,635,760	I	See Footnote (3)	

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Common Stock	87,306	I	Footnote (4)
Common Stock	255,686	I	See Footnote (5)

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

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SEC 1474

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title and a	Amount of	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	Date	Underlying S	Securities	Derivative
Security	or Exercise		any	Code	of	(Month/Day	/Year)	(Instr. 3 and	4)	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	•				(Instr. 5)
	Derivative				Securities					
	Security				Acquired					
	·				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
									or	
						Date	Expiration	Title	Number	
						Exercisable	Date	Title	of	
				Code V	(A) (D)					
				Code V	(A) (D)				Shares	
Stock						(5)	(-	Common		
Units	<u>(6)</u>	09/01/2016		A	99	<u>(7)</u>	<u>(7)</u>	Stock	99	\$ 230.66
Units								SIUCK		

Reporting Owners

Reporting Owner Name / Address	Relationships						
. Programme and an armount	Director	10% Owner	Officer	Other			
SLAVIK JAMES D 100 GRAINGER PARKWAY LAKE FOREST, IL 60045	X						
Signatures							
Noni Ellison Southall, as attorney-in-fact	09/01/2016						
**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).
- (1) Shares held by trusts of which Mr. Slavik is a beneficiary and trustee or co-trustee.
- (2) Shares held by or FBO Mr. Slavik's children. Mr. Slavik disclaims beneficial ownership of such shares.
- (3) Shares held by corporation of which Mr. Slavik is a shareholder, director & officer. Mr. Slavik disclaims beneficial ownership of such shares.
- (4) Shares held by trusts of which Mr. Slavik is a trustee or co-trustee. Mr. Slavik disclaims beneficial ownership of such shares.
- (5) Shares owned by Emerald Bay Ventures II, LLC, of which Mr. Slavik is the sole manager. Mr. Slavik disclaims beneficial ownership of such shares except to the extent of his pecuniary interest.
- (6) 1-for-1
- (7) The stock units are expected to settle in shares of common stock on a one-for-one basis following termination of service as a director.

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.