GRAINGER W W INC

Form 5

January 04, 2016

FORM 5

OMB APPROVAL

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

OMB Number: 3235-0362 January 31,

no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

Expires: 2005

CHANGES IN BENEFICIAL

E SECURITIES

Expires: 3 antuary 31, 2005

Estimated average burden hours per

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

burden hours per response... 1.0

1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
Reported
Form 4 30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Address of Reporting Person * SANTI ERNEST SCOTT	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)	GRAINGER W W INC [GWW] (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended				
	(Month/Day/Year) 12/31/2015	X Director 10% Owner Officer (give title Other (specifically) below)			
100 GRAINGER PARKWAY		below)			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting			
		(check applicable line)			

LAKE FOREST, ILÂ 60045

(State)

(Zip)

(City)

X Form Filed by One Reporting Person ___ Form Filed by More than One Reporting Person

` *	· · ·	1 20	ie i - Noii-Dei	rivative Securities Acquire	a, Disposea oi,	or belieficiali	y 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	Ownership Form:	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/11/2015	Â	L	3 A \$ 237.72	303	D	Â

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.

Table I. Non-Darivative Securities Acquired Disposed of or Reneficially Owned

SEC 2270 (9-02)

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title and A Underlying S (Instr. 3 and	Securities	8. Price Derival Securit (Instr. :
Stock	Â	Â	Â	Â	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date (2)	Title	Amount or Number of Shares	Â

Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
SANTI ERNEST SCOTT 100 GRAINGER PARKWAY LAKE FOREST, IL 60045	ÂΧ	Â	Â	Â		

Signatures

Units

Hugo Dubovoy, Jr., as attorney-in-fact 01/04/2016

**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).
- **(1)** 1-for-1
- (2) 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.

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Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

Note: File three copies of this Form, one of which must be manually signed. If space provided 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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