GRAINGER W W INC

Form 4

September 02, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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Check this box

may continue.

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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HAILEY V ANN

2. Issuer Name and Ticker or Trading Symbol

GRAINGER W W INC [GWW]

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year)

09/01/2014

(Check all applicable)

X_ Director Officer (give title

10% Owner Other (specify

below)

(Street)

(First)

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 Form filed by More than One Reporting

Person

LAKE FOREST, IL 60045-5201

(State)

100 GRAINGER PARKWAY

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s)

or Code V Amount (D) Price

(Instr. 3 and 4)

Common Stock

200 D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)		4. Transactio		5. orNumber of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8		Deriv Secur Acqui (A) or Dispo of (D) (Instr. 4, and	rities ired r osed)	,``				(Instr. 5)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	(1)	09/01/2014		A		37		(2)	(2)	Common Stock	37	\$ 246.2

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

HAILEY V ANN
100 GRAINGER PARKWAY X

LAKE FOREST, IL 60045-5201

Signatures

David L. Rawlinson, as attorney-in-fact

09/02/2014

**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.

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. procedure.

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Reporting Owners 2