WEBB JANIECE S Form 4 April 01, 2005

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or Form 5

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

Estimated average burden hours per response... 0.5

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 * WEBB JANIECE S

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol GRAINGER W W INC [GWW]

(First) (Middle) (Last)

(Street)

(State)

3. Date of Earliest Transaction

(Check all applicable)

100 GRAINGER PARKWAY

(Month/Day/Year)

03/31/2005

X_ Director 10% Owner Other (specify Officer (give title below)

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

Person

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

LAKE FOREST, IL 60045-5201

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

(Zip)

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

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

Indirect Beneficial Ownership (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4)

Common Stock

(City)

Code V Amount (D) Price

11,302 D

I

Common Stock

See Footnote (1)

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

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SEC 1474 (9-02)

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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. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pri Deriv Secun (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option	\$ 51.6875					04/29/2001	04/28/2008	Common Stock	1,460	
Stock Option	\$ 54.61					04/24/2002	04/23/2012	Common Stock	1,650	
Stock Option	\$ 54.14					04/28/2004	04/27/2014	Common Stock	1,670	
Stock Units	(2)	03/31/2005		A	48	(3)	(3)	Common Stock	48	\$ 62

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 3	Director	10% Owner	Officer	Other		
WEBB JANIECE S 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201	X					

Signatures

L. M. Trusdell, as attorney-in-fact 03/31/2005

**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) Shares held by spouse. Ms. Webb disclaims beneficial ownership of such shares.
- (2) 1-for-1
- (3) The stock units are expected to settle in cash 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.

Reporting Owners 2

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