GRAINGER W W INC

Form 4 March 02, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

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Check this box

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).

(Last)

(City)

Security

(Instr. 3)

(Print or Type Responses)

may continue.

See Instruction

1. Name and Address of Reporting Person * ANDERSON BRIAN P

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

GRAINGER W W INC [GWW]

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

3. Date of Earliest Transaction

(Check all applicable)

100 GRAINGER PARKWAY

(Month/Day/Year)

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

03/01/2006

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

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

below)

LAKE FOREST, IL 60045-5201

1.Title of 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if (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 (D) or Owned Following (Instr. 4) Reported

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

(9-02)

(A) or

Transaction(s) (Instr. 3 and 4)

Common Stock

4,340

Code V Amount (D) Price

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 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 (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)		te	7. Title and A Underlying S (Instr. 3 and	Securities	8. Pri Deriv Secur (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option	\$ 48.625					04/28/1999	04/27/2009	Common Stock	1,860	
Stock Option	\$ 43.5					04/26/2000	04/25/2010	Common Stock	2,070	
Stock Option	\$ 37.5					04/25/2001	04/24/2011	Common Stock	2,400	
Stock Option	\$ 54.61					04/24/2002	04/23/2012	Common Stock	1,650	
Stock Option	\$ 45.5					04/30/2003	04/29/2013	Common Stock	1,980	
Stock Option	\$ 54.14					04/28/2004	04/27/2014	Common Stock	1,670	
Stock Units	(1)	03/01/2006		A	15	(2)	(2)	Common Stock	15	\$ 74

Reporting Owners

Reporting Owner Name / Address	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
ANDERSON BRIAN P 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201	X					

Signatures

L. M. Trusdell, as	03/02/2006		
attorney-in-fact	03/02/2000		
**Signature of Reporting Person	Date		

Reporting Owners 2

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 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. 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.