HOBOR NANCY A Form 4 April 29, 2005

FORM 4

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

OMB 3235-0287

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Number: January 31, 2005

0.5

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations 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

burden hours per response...

Estimated average

See Instruction 1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of HOBOR NANCY		2. Issuer Name and Ticker or Trading Symbol GRAINGER W W INC [GWW]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (Fir	rst) (Middle)	3. Date of Earliest Transaction	(Check air applicable)		
100 GRAINGER F	PARKWAY	(Month/Day/Year) 04/27/2005	Director 10% Owner X Officer (give title Other (specify below) Sr VP-Communications & Inv Rel		
(Str	eet)	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		
LAKE FOREST, I	L 60045-5201		Form filed by More than One Reporting Person		

		1401	1 11011 1	errative securities in	equired, Disposed	or, or beneficia	ny o wnea
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	onAcquired (A) or	Securities	Form: Direct	Indirect
(Instr. 3)	•	any	Code	Disposed of (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)	Owned	Indirect (I)	Ownership
					Following	(Instr. 4)	(Instr. 4)
				/ A N	Reported		
				(A)	Transaction(s)		
				or	(Instr. 3 and 4)		
			Code V	Amount (D) Price)		
Common Stock	04/27/2005		A	$\frac{2,650}{(1)}$ A \$0	29,400	D	

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.

SEC 1474

(9-02)

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

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)	Securities	6. Date Exerci Expiration Date (Month/Day/Y	te	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option	\$ 42.8125					03/01/2003	02/28/2010	Common Stock	1,160
Option	\$ 43.5					04/26/2003	04/25/2010	Common Stock	7,100
Option	\$ 43.5					(2)	04/25/2010	Common Stock	1,070
Option	\$ 37.5					04/25/2004	04/24/2011	Common Stock	20,000
Option	\$ 37.5					04/25/2007	04/24/2011	Common Stock	710
Option	\$ 54.61					04/24/2005	04/23/2012	Common Stock	15,000
Option	\$ 45.5					04/30/2006	04/29/2013	Common Stock	15,000
Option	\$ 54.14					04/28/2007	04/27/2014	Common Stock	9,000
Option	\$ 52.29	04/27/2005		A	8,000	04/27/2008	04/26/2015	Common Stock	8,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
HOBOR NANCY A 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201			Sr VP-Communications & Inv Rel			

Signatures

L. M. Trusdell, as	04/29/2005
attorney-in-fact	04/29/2003

**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) Award of restricted stock units to be settled after vesting by the delivery of unrestricted shares of common stock on a one-for-one basis.
- (2) Exercisable in four equal annual installments beginning 4/26/2001.

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

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.