GRAINGER W W INC

Form 4 May 07, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

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

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading LOUX P OGDEN Issuer Symbol GRAINGER W W INC [GWW] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title _ Other (specify 100 GRAINGER PARKWAY 05/04/2007 below) Sr. VP, Finance and CFO (Street) 6. Individual or Joint/Group Filing(Check 4. If Amendment, Date Original Filed(Month/Day/Year) Applicable Line)

LAKE FOREST, IL 60045-5201

X Form filed by One Reporting Person Form filed by More than One Reporting Person	Table I - Non-D	rivative Securities Acquired, Disposed of, or Beneficially Owned
	,	Form filed by More than One Reporting

(City)	(State) (Zip) Table	e I - Non-D	erivative :	Secur	ities Acqu	uired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired etion(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	05/04/2007		M	3,400	A	\$ 43.5	46,104	D	
Common Stock	05/04/2007		S	300	D	\$ 84.57	45,804	D	
Common Stock	05/04/2007		S	100	D	\$ 84.58	45,704	D	
Common Stock	05/04/2007		S	1,500	D	\$ 84.59	44,204	D	
Common Stock	05/04/2007		S	300	D	\$ 84.6	43,904	D	

OMB APPROVAL

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Common Stock	05/04/2007	S	300	D	\$ 84.61	43,604	D	
Common Stock	05/04/2007	S	400	D	\$ 84.63	43,204	D	
Common Stock	05/04/2007	S	200	D	\$ 84.64	43,004	D	
Common Stock	05/04/2007	S	300	D	\$ 84.68	42,704	D	
Common Stock						400	I	See Footnote

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

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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. Transactic Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercis Expiration Dat (Month/Day/Y	re e	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option	\$ 43.5	05/04/2007		M		3,400	(2)	04/25/2010	Common Stock	3,400
Option	\$ 54.61						04/24/2005	04/23/2012	Common Stock	45,000
Option	\$ 45.5						04/30/2006	04/29/2013	Common Stock	45,000
Option	\$ 54.14						04/28/2007	04/27/2014	Common Stock	20,000
Option	\$ 52.29						04/27/2008	04/26/2015	Common Stock	19,000
Option	\$ 76.61						04/26/2009	04/25/2016	Common Stock	15,000
Option	\$ 83.08						04/25/2010	04/24/2017		16,000

Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LOUX P OGDEN 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201

Sr. VP, Finance and CFO

Signatures

L. M. Trusdell, as attorney-in-fact 05/07/2007

**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 reporting person's wife. The reporting person disclaims beneficial ownership of these shares.
- (2) Exercisable in four equal annual installments beginning 4/26/2001.

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.

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