

LOUX P OGDEN
Form 4
August 10, 2005

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
LOUX P OGDEN

(Last) (First) (Middle)

100 GRAINGER PARKWAY

(Street)

LAKE FOREST, IL 60045-5201

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
GRAINGER W W INC [GWW]

3. Date of Earliest Transaction (Month/Day/Year)
08/10/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

Sr. VP, Finance and CFO

6. Individual or Joint/Group Filing(Check Applicable Line)
 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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	08/10/2005		M	12,340 A \$ 62.1	60,406	D	
Common Stock	08/10/2005		S	2,800 D \$ 62.66	57,606	D	
Common Stock	08/10/2005		S	100 D \$ 62.67	57,506	D	
Common Stock	08/10/2005		S	1,700 D \$ 62.68	55,806	D	
Common Stock	08/10/2005		S	400 D \$ 62.69	55,406	D	

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Common Stock	08/10/2005	S	2,900	D	\$ 62.71	52,506	D	
Common Stock	08/10/2005	S	1,000	D	\$ 62.75	51,506	D	
Common Stock	08/10/2005	S	100	D	\$ 62.76	51,406	D	
Common Stock	08/10/2005	S	3,340	D	\$ 62.8	48,066	D	
Common Stock						400	I	See Footnote (1)

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Option	\$ 33.75	08/10/2005		M	12,340	04/24/1999	04/23/2006	Common Stock	12,340
Option	\$ 37.25					04/30/2000	04/29/2007	Common Stock	15,900
Option	\$ 51.6875					04/29/2001	04/28/2008	Common Stock	13,500
Option	\$ 48.625					04/28/2002	04/27/2009	Common Stock	24,300
Option	\$ 42.8125					03/01/2003	02/28/2010	Common Stock	6,870
Option	\$ 43.5					04/26/2003	04/25/2010	Common Stock	27,980
Option	\$ 43.5					(2)	04/25/2010	Common	4,200

				Stock	
Option	\$ 37.5	04/25/2004	04/24/2011	Common Stock	40,000
Option	\$ 37.5	04/25/2007	04/24/2011	Common Stock	2,800
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

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

08/10/2005

**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 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.

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