GRAINGER W W INC

Form 4 May 23, 2008

FORM 4

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

OMB Number: 3235-0287

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

OMB APPROVAL

Form 4 or Form 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

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JADIN RONALD L			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)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
			(Month/Day/Year)	Director 10% Owner		
100 GRAINGER PARKWAY			05/22/2008	_X_ Officer (give title Other (specify below)		
				Sr. VP & CFO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
LAKE FOR	EST, IL 6004	45		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock							26,850	D	
Common Stock	05/22/2008		M	4,000	A	\$ 44.25	4,000	I	By wife. $\underline{(1)}$
Common Stock	05/22/2008		S	2,700	D	\$ 90.46	1,300	I	By wife (1)
Common Stock	05/22/2008		S	1,100	D	\$ 90.467	200	I	By wife. $\underline{\underline{(1)}}$
Common Stock	05/22/2008		S	200	D	\$ 90.47	0	I	By wife. $\underline{(1)}$

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(e.g., puts, calls, warrants, options, convertible securities)

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

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

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 out Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exerci 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	\$ 44.25	05/22/2008		M		4,000	10/29/2001	10/28/2008	Common Stock	4,000
Option	\$ 48.625						04/28/2002	04/27/2009	Common Stock	2,830
Option	\$ 43.5						04/26/2003	04/25/2010	Common Stock	3,260
Option	\$ 43.5						04/26/2006	04/25/2010	Common Stock	490
Option	\$ 37.5						04/25/2004	04/24/2011	Common Stock	7,500
Option	\$ 37.5						04/25/2007	04/24/2011	Common Stock	330
Option	\$ 54.61						04/24/2005	04/23/2012	Common Stock	7,500
Option	\$ 45.5						04/30/2006	04/29/2013	Common Stock	9,000
Option	\$ 54.14						04/28/2007	04/27/2014	Common Stock	3,900
Option	\$ 52.29						04/27/2008	04/26/2015	Common Stock	5,000
Option	\$ 76.61						04/26/2009	04/25/2016	Common Stock	3,500
Option	\$ 83.08						04/25/2010	04/24/2017	Common Stock	3,200

Option \$85.82 04/30/2011 04/29/2018 Common Stock 13,500

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

JADIN RONALD L 100 GRAINGER PARKWAY LAKE FOREST, IL 60045

Sr. VP & CFO

Signatures

C. L. Kogl, as

attorney-in-fact 05/23/2008

**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 Mr. Jadin's wife. Mr. Jadin disclaims beneficial ownership of such shares.

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.

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