GRAINGER W W INC

Form 4 May 07, 2007

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:

Form filed by More than One Reporting

Person

January 31, 2005

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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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * KEYSER RICHARD 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)			
100 GRAINGER PARKWAY		VAY	(Month/Day/Year) 05/04/2007	Director 10% Owner _X Officer (give title Other (specify below) Chairman and CEO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			

LAKE FOREST, IL 60045-5201

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative S	Securi	ties Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securitie omr Disposed (Instr. 3, 4	d of (Ľ))	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 Beneficial Ownership (Instr. 4)
Common Stock	05/04/2007		M	111,075	A	\$ 37.5	352,032	D	
Common Stock	05/04/2007		S	100	D	\$ 83.8	351,932	D	
Common Stock	05/04/2007		S	200	D	\$ 83.81	351,732	D	
Common Stock	05/04/2007		S	200	D	\$ 83.82	351,532	D	
Common Stock	05/04/2007		S	600	D	\$ 83.83	350,932	D	

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Common Stock	05/04/2007	S	1,100	D	\$ 83.84	349,832	D
Common Stock	05/04/2007	S	800	D	\$ 83.85	349,032	D
Common Stock	05/04/2007	S	200	D	\$ 83.86	348,832	D
Common Stock	05/04/2007	S	500	D	\$ 83.87	348,332	D
Common Stock	05/04/2007	S	1,400	D	\$ 83.88	346,932	D
Common Stock	05/04/2007	S	1,389	D	\$ 83.89	345,543	D
Common Stock	05/04/2007	S	700	D	\$ 83.9	344,843	D
Common Stock	05/04/2007	S	1,694	D	\$ 83.91	343,149	D
Common Stock	05/04/2007	S	1,600	D	\$ 83.92	341,549	D
Common Stock	05/04/2007	S	900	D	\$ 83.93	340,649	D
Common Stock	05/04/2007	S	300	D	\$ 83.94	340,349	D
Common Stock	05/04/2007	S	200	D	\$ 83.95	340,149	D
Common Stock	05/04/2007	S	900	D	\$ 83.96	339,249	D
Common Stock	05/04/2007	S	1,000	D	\$ 83.97	338,249	D
Common Stock	05/04/2007	S	1,400	D	\$ 83.98	336,849	D
Common Stock	05/04/2007	S	1,400	D	\$ 83.985	335,449	D
Common Stock	05/04/2007	S	1,200	D	\$ 83.99	334,249	D
Common Stock	05/04/2007	S	18,194	D	\$ 84	316,055	D
Common Stock	05/04/2007	S	4,600	D	\$ 84.01	311,455	D
Common Stock	05/04/2007	S	3,065	D	\$ 84.02	308,390	D
	05/04/2007	S	3,100	D	\$ 84.03	305,290	D

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Common Stock						
Common Stock	05/04/2007	S	3,600	D	\$ 84.04 301,690	D
Common Stock	05/04/2007	S	2,900	D	\$ 84.05 298,790	D
Common Stock	05/04/2007	S	1,406	D	\$ 84.06 297,384	D
Common Stock	05/04/2007	S	1,700	D	\$ 84.07 295,684	D

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

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(9-02)

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 or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		orDerivative Expira Securities (Month Acquired (A) or Disposed of (D) (Instr. 3, 4, and		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	()	(D)	Date Exercisable	Expiration Date	Title	Amount of Number of Shares	
Option	\$ 42.8125							03/01/2003	02/28/2010	Common Stock	20,100	
Option	\$ 43.5							04/26/2003	04/25/2010	Common Stock	80,930	
Option	\$ 43.5							<u>(1)</u>	04/25/2010	Common Stock	12,140	
Option	\$ 37.5	05/04/2007		M		111	1,075	04/25/2004	04/24/2011	Common Stock	111,07	
Option	\$ 37.5							04/25/2007	04/24/2011	Common Stock	8,100	
Option	\$ 54.61							04/24/2005	04/23/2012	Common Stock	175,00	
Option	\$ 45.5							04/30/2006	04/29/2013	Common Stock	174,00	
Option	\$ 54.14							04/28/2007	04/27/2014	Common Stock	81,000	

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Option	\$ 52.29	04/27/2008	04/26/2015	Stock	90,000
Option	\$ 76.61	04/26/2009	04/25/2016	Common Stock	80,000
Option	\$ 83.08	04/25/2010	04/24/2017	Common Stock	80,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

KEYSER RICHARD L 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201

Chairman and CEO

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) Exercisable in four equal annual installments beginning 4/26/2001.

Remarks:

This is the first of four Forms 4 to report all May 4, 2007 transactions for the reporting person.

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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