KEYSER RICHARD L

Form 4/A

September 01, 2009

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.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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OMB APPROVAL

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).

(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	(Chech an applicable)
100 GRAINGER PARKWAY		'AY	(Month/Day/Year) 04/30/2009	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman Emeritus
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check
LAKE FORES	T, IL 60045	5-5201	Filed(Month/Day/Year) 05/04/2009	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, 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. Transaction Code (Instr. 8)		sed of		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	04/30/2009		Code V S	Amount 700	(D)	Price \$ 83.28	193,525 (1)	D	
Common Stock	04/30/2009		S	300	D	\$ 83.4	193,225 (1)	D	
Common Stock	04/30/2009		S	300	D	\$ 83.41	192,925 (1)	D	
Common Stock	04/30/2009		S	100	D	\$ 83.42	192,825 <u>(1)</u>	D	
Common Stock	04/30/2009		S	700	D	\$ 83.43	192,125 <u>(1)</u>	D	

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Common	04/30/2009	S	100	D	¢ 02 125	192,025 (1)	D
Stock	04/30/2009	S	100	ע	Ф 03.433	192,023 (1)	D
Common Stock	04/30/2009	S	500	D	\$ 83.44	191,525 <u>(1)</u>	D
Common Stock	04/30/2009	S	200	D	\$ 83.445	191,325 (1)	D
Common Stock	04/30/2009	S	1,094	D	\$ 83.45	190,231 (1)	D
Common Stock	04/30/2009	S	600	D	\$ 83.4525	189,631 <u>(1)</u>	D
Common Stock	04/30/2009	S	100	D	\$ 83.455	189,531 <u>(1)</u>	D
Common Stock	04/30/2009	S	3,200	D	\$ 83.46	186,331 <u>(1)</u>	D
Common Stock	04/30/2009	S	100	D	\$ 83.465	186,231 (1)	D
Common Stock	04/30/2009	S	500	D	\$ 83.47	185,731 (1)	D
Common Stock	04/30/2009	S	900	D	\$ 83.48	184,831 (1)	D
Common Stock	04/30/2009	S	400	D	\$ 83.482	184,431 (1)	D
Common Stock	04/30/2009	S	800	D	\$ 83.4825	183,631 <u>(1)</u>	D
Common Stock	04/30/2009	S	1,906	D	\$ 83.49	181,725 <u>(1)</u>	D
Common Stock	04/30/2009	S	100	D	\$ 83.495	181,625 <u>(1)</u>	D
Common Stock	04/30/2009	S	800	D	\$ 83.54	180,825 (1)	D
Common Stock	04/30/2009	S	500	D	\$ 83.545	180,325 (1)	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 II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title o	of 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title and	8. Price of	9. Nu
Derivati	ve Conversion	(Month/Day/Year)	Execution Date, if	Transact	iorNumber	Expiration D	ate	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	ve .		Securities	(Instr. 5)	Bene
	Derivative				Securitie	S		(Instr. 3 and	14)	Own
	Security				Acquired					Follo
					(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
				Code V	(A) (D)	Date	Expiration	Title Amo	unt	
				Code ((11) (D)	Exercisable	Date	or	uni	
						Lacicisatic	Date	Num	her	
								of		
								Shar	96	

Reporting Owners

Reporting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
KEYSER RICHARD L 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201	X		Chairman Emeritus					

Signatures

C. L. Kogl, as attorney-in-fact

09/01/2009

**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) The reason for the amendment is to report correctly the number of shares of the issuer's common stock owned by the Reporting Person following each transaction on the original Form 4 filed on 5/4/2009.

Remarks:

This is the first of two Forms 4 to report all April 30, 2009 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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