GRAINGER W W INC

Form 4

November 22, 2006

FORM 4

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

OMB Number:

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,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. See Instruction

(Middle)

30(h) of the Investment Company Act of 1940

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * KEYSER RICHARD L

(First)

2. Issuer Name and Ticker or Trading

Symbol

GRAINGER W W INC [GWW]

3. Date of Earliest Transaction

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

100 GRAINGER PARKWAY

(Month/Day/Year)

11/21/2006

Director 10% Owner _X__ Officer (give title Other (specify

below) Chairman and CEO

(Street)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

LAKE FOREST, IL 60045-5201

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquir	red, 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price			5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/21/2006		M	46,000	A	\$ 51.6875	266,957	D	
Common Stock	11/21/2006		S	200	D	\$ 73.01	266,757	D	
Common Stock	11/21/2006		S	100	D	\$ 73.02	266,657	D	
Common Stock	11/21/2006		S	900	D	\$ 73.03	265,757	D	
Common Stock	11/21/2006		S	3,500	D	\$ 73.04	262,257	D	

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Common Stock	11/21/2006	S	1,800	D	\$ 73.05	260,457	D
Common Stock	11/21/2006	S	1,200	D	\$ 73.06	259,257	D
Common Stock	11/21/2006	S	800	D	\$ 73.07	258,457	D
Common Stock	11/21/2006	S	1,700	D	\$ 73.08	256,757	D
Common Stock	11/21/2006	S	2,700	D	\$ 73.09	254,057	D
Common Stock	11/21/2006	S	12,800	D	\$ 73.1	241,257	D
Common Stock	11/21/2006	S	4,000	D	\$ 73.11	237,257	D
Common Stock	11/21/2006	S	5,400	D	\$ 73.12	231,857	D
Common Stock	11/21/2006	S	1,900	D	\$ 73.13	229,957	D
Common Stock	11/21/2006	S	1,300	D	\$ 73.14	228,657	D
Common Stock	11/21/2006	S	5,000	D	\$ 73.15	223,657	D
Common Stock	11/21/2006	S	200	D	\$ 73.16	223,457	D
Common Stock	11/21/2006	S	200	D	\$ 73.17	223,257	D
Common Stock	11/21/2006	S	1,400	D	\$ 73.18	221,857	D
Common Stock	11/21/2006	S	400	D	\$ 73.19	221,457	D
Common Stock	11/21/2006	S	500	D	\$ 73.2	220,957	D

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

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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)	Secur Acqu or Dis	rities ired (A) sposed of . 3, 4,	6. Date Exerci Expiration Dat (Month/Day/Y	te	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option	\$ 51.6875	11/21/2006		M		46,000	04/29/2001	04/28/2008	Common Stock	46,000
Option	\$ 48.625						04/28/2002	04/27/2009	Common Stock	65,160
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						04/25/2004	04/24/2011	Common Stock	175,000
Option	\$ 37.5						04/25/2007	04/24/2011	Common Stock	8,100
Option	\$ 54.61						04/24/2005	04/23/2012	Common Stock	175,000
Option	\$ 45.5						04/30/2006	04/29/2013	Common Stock	174,000
Option	\$ 54.14						04/28/2007	04/27/2014	Common Stock	81,000
Option	\$ 52.29						04/27/2008	04/26/2015	Common Stock	90,000
Option	\$ 76.61						04/26/2009	04/25/2016	Common Stock	80,000

Reporting Owners

Reporting Owner Name / Address	Relationships							
.r g	Director	10% Owner	Officer	Other				
KEYSER RICHARD L 100 GRAINGER PARKWAY			Chairman and CEO					
LAKE FOREST, IL 60045-5201			und 020					

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Signatures

L. M. Trusdell, as attorney-in-fact 11/22/2006

**Signature of Reporting Person

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.

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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