RYAN JAMES T Form 4 December 05, 2005

FORM 4

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

OMB Number: 3235-0287 January 31,

Expires:

OMB APPROVAL

2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response...

Section 16. 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

See Instruction 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * RYAN JAMES T			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) 12/02/2005	Director 10% OwnerX Officer (give title Other (specify below) Group President		
	(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		
LAKE FOREST, IL 60045-5201				Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	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. 4. Securities Acquired (A) Transactionor Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			Securities Ownership Beneficially Form: Owned Direct (D)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock	12/02/2005		M	3,240	A	\$ 42.8125	60,953	D	
Common Stock	12/02/2005		M	4,760	A	\$ 43.5	65,713	D	
Common Stock	12/02/2005		S	7,800	D	\$ 71.71	57,913	D	
Common Stock	12/02/2005		S	200	D	\$ 71.79	57,713	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)

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 conf 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option	\$ 51.6875					04/29/2001	04/28/2008	Common Stock	7,180
Option	\$ 48.625					04/28/2002	04/27/2009	Common Stock	8,790
Option	\$ 42.8125	12/02/2005		M	3,240	03/01/2003	02/28/2010	Common Stock	3,240
Option	\$ 43.5	12/02/2005		M	4,760	<u>(1)</u>	04/25/2010	Common Stock	4,760
Option	\$ 37.5					04/25/2007	04/24/2011	Common Stock	50,000
Option	\$ 54.61					04/24/2005	04/23/2012	Common Stock	30,000
Option	\$ 45.5					04/30/2006	04/29/2013	Common Stock	30,000
Option	\$ 54.14					04/28/2007	04/27/2014	Common Stock	20,000
Option	\$ 52.29					04/27/2008	04/26/2015	Common Stock	27,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
RYAN JAMES T			Group President				
100 GRAINGER PARKWAY							

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LAKE FOREST, IL 60045-5201

Signatures

L. M. Trusdell, as attorney-in-fact 12/05/2005

**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) 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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