### Edgar Filing: GRAINGER W W INC - Form 4

GRAINGEF	R W W INC										
Form 4											
March 02, 2									PPROVAL		
FORM	<b>4</b> UNITED	STATES		RITIES A			E COMMISSION		3235-0287		
Check this box if no longer subject to Section 16. Form 4 or								Expires: Estimated burden hou response	urs per		
Form 5 obligation may con <i>See</i> Instr 1(b).	tinue. Section 17	(a) of the H	Public U	Jtility Hol	ding Co		ange Act of 1934, t of 1935 or Sectio 1940	on			
(Print or Type	Responses)										
1. Name and Address of Reporting Person <u>*</u> HAILEY V ANN			Symbol	er Name <b>an</b> NGFR W		c	5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First) (	(Middle) GRAINGER W W INC [GWW] 3. Date of Earliest Transaction					(Check all applicable)				
(Last) (First) (Middle) 100 GRAINGER PARKWAY			(Month/Day/Year) 03/01/2007				X_ Director 10% Owner Officer (give title Other (specify below) below)				
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			<ul> <li>6. Individual or Joint/Group Filing(Check Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> <li> Form filed by More than One Reporting</li> </ul>					
LAKE FOR	REST, IL 60045-5	5201					Person		1		
(City)	(State)	(Zip)	Tab	ole I - Non-	Derivative	e Securities	Acquired, Disposed	of, or Beneficia	lly Owned		
1.Title of Security       2. Transaction Date       2A. Deemed         (Instr. 3)       Execution Date, if any (Month/Day/Year)		Date, if	3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) (A) or			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)			
Domindor: Do	port on a congrata lin	a far aaah al	os of soo	Code V		(D) Price					
Kenninder: Kej	port on a separate lin	e for each cla	158 OI SEC	unues bene	Perse infor requi	ons who re mation con red to resp ays a curre	spond to the colle tained in this form ond unless the for ently valid OMB co	n are not rm	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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and Amount of	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration Date	Underlying Securities	Derivative
Security	or Exercise		any	Code	of	(Month/Day/Year)	(Instr. 3 and 4)	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		(Instr. 5)

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	Derivative Security		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)								
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	<u>(1)</u>	03/01/2007	А		3		(2)	(2)	Common Stock	3	\$ 77.29

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
HAILEY V ANN 100 GRAINGER PARKWAY LAKE FOREST, IL 60045-5201	Х							
Signatures								
L. M. Trusdell, as attorney-in-fact	03/	02/2007						
**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) 1-for-1

(2) The stock units are expected to settle in cash following termination of service as a director.

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.