GRAINGER W W INC Form SC 13G/A February 04, 2010

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 3)

#### W.W. GRAINGER, INC.

(Name of Issuer)

#### Common Stock (par value \$.50 per share)

(Title of Class of Securities)

#### 384802 10 4

(CUSIP Number)

December 31, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b) Rule 13d-1(c) Rule 13d-1(d)

CUSIP No.384802 10 41.Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)						
2.	James D. Slavik Check the Appropriate Box if a Member of a Group			(a)		
<ul> <li>(See Instructions)</li> <li>3. SEC Use Only</li> <li>4. Citizenship or Place of Organization</li> </ul>				(b)		
Nur	USA nber of	5.	Sole Voting Power			
Shares		6.	1,660,909 Shared Voting Power			
Beneficially		7.	2,515,088 Sole Dispositive Power			
Owned by Each 8.		8.	1,660,909			
Reporting			Shared Dispositive Power			
Pers 9.	son With Aggregate Amount Benefic	ially Owned by I	2,515,088 Each Reporting Person			

4,175,997

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

705,046

11. Percent of Class Represented by Amount in Row (9)

5.6%

12. Type of Reporting Person (See Instructions)

IN

Item 1.	(a)	Name of Issuer
	(b)	W.W. GRAINGER, INC. Address of Issuer s Principal Executive Offices
		100 Grainger Parkway
		Lake Forest, Illinois 60045
Item 2.	(a)	Name of Person Filing
		James D. Slavik
	(b)	Address of Principal Business Office or, if none, Residence
		100 Bayview Circle, Suite 4500
		Newport Beach, California 92660
	(c)	Citizenship
		USA
	(d)	Title of Class of Securities
		Common Stock (par value \$.50 per share)
	(e)	CUSIP Number
		384802 10 4
Item 3.	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a	
	(a)	<ul> <li>Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).</li> <li>Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78a).</li> </ul>
	(b)	<ul> <li>Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).</li> <li>Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).</li> </ul>
	(c) (d)	<ul> <li>Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).</li> <li>Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).</li> </ul>
	(e)	$_{\rm O}$ An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
	(-)	· · · · · · · · · · · · · · · · · · ·

(f) O An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F);

- (g) O A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) O A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) O A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) O Group, in accordance with 240.13d-1(b)(1)(ii)(J).

#### Item 4. Ownership

- Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.
  - (a) Amount beneficially owned:

#### 4,175,997

#### (b) Percent of class:

#### 5.6%

- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote

#### 1,660,909

(ii) Shared power to vote or to direct the vote

#### 2,515,088

(iii) Sole power to dispose or to direct the disposition of

#### 1,660,909

(iv) Shared power to dispose or to direct the disposition of

2,515,088

#### Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following \_\_\_\_.

#### Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

Not applicable.

### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 3, 2010 Date

/s/ James D. Slavik

Signature

James D. Slavik Name