GRAINGER W W INC Form SC 13G February 14, 2017 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 SCHEDULE 13G Under the Securities Exchange Act of 1934 W.W. Grainger, Inc. (Name of Issuer) Common Stock (Title of Class of Securities) US3848021040 (CUSIP Number) December 31, 2016 (Date of Event which Requires Filing of this Statement) Check the appropriate box to designate the rule pursuant to which this Schedule is filed: [X] Rule 13d-1(b) [] Rule 13d-1(c) [ ] Rule 13d-1(d) \* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to

the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see Instructions).

1	NAME OF REPORTING PERSON Longview Partners (Guernsey) Limited I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ] (b) [ ]				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION Channel Islands				
NUMBER OF SHARES BENEFICIALLY OWNED BY EA		5	SOLE VOTING POWER		
		6	SHARED VOTING POWER 1,874,053		
REPORTING PERSON WIT	Н	7	SOLE DISPOSITIVE POWER		
		8	SHARED DISPOSITIVE POWER 2,989,184		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,989,184				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ]				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.1%				
12	TYPE OF REPORTING PERSON HC & IA				

1	NAME OF REPORTING PERSON Longview Partners LLP I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ] (b) [ ]				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION United Kingdom				
NUMBER OF SHARES BENEFICIALL OWNED BY E REPORTING PERSON WITH		5	SOLE VOTING POWER		
	ACH	6	SHARED VOTING POWER 1,874,053		
		7	SOLE DISPOSITIVE POWER		
		8	SHARED DISPOSITIVE POWER 2,989,184		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,989,184				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ]				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.1%				
12	TYPE OF REPORTING PERSON IA & PN				

1	NAME OF REPORTING PERSON Longview Partners (UK) Limited I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ] (b) [ ]					
3	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION United Kingdom					
NUMBER OF SHARES BENEFICIALL OWNED BY E REPORTING PERSON WITH		5	SOLE VOTING POWER			
	ACH	6	SHARED VOTING POWER 1,874,053			
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		8	SHARED DISPOSITIVE POWER 2,989,184			
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,989,184					
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ]					
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.1%					
12	TYPE OF REPORTING PERSON HC					

- ITEM NAME OF ISSUER:
- 1(a). W.W. Grainger, Inc.

#### ITEM ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

1(b). 100 Grainger Pkwy Lake Forest IL 60045

2(b).

### ITEM NAME OF PERSON FILING:

2(a). Longview Partners (Guernsey) Limited Longview Partners LLP Longview Partners (UK) Limited

(Collectively referred to hereafter as "Longview Partners")

### ITEM ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

Longview Partners (Guernsey) Limited PO Box 559 Mill Court La Charroterie St Peter Port Guernsey GY1 6JG

> Longview Partners (UK) Limited and Longview Partners LLP are both located at: Thames Court 1 Queenhithe London EC4V 3RL

# ITEM CITIZENSHIP:

2(c). Longview Partners (Guernsey) Limited is a Guernsey registered company. Longview Partners (UK) Limited is a UK registered company. Longview Partners LLP is a UK limited liability partnership.

# ITEM TITLE OF CLASS OF SECURITIES:

**2(d).** Common Stock

# ITEM CUSIP NUMBER:

**2(e).** US3848021040

# ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SECTION 240.13d-1(b), or 13d-2(b) or (c) CHECK WHETHER THE PERSON FILING IS A:

- (a) Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78c);
- []
- (b) Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
- []
- (c) Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
- []

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(d) []	Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8);
(e) [X]	An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);
(f) []	An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F);
(g) [X]	A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G);
(h) []	A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i) []	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) []	A non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J);
(k) []	Group, in accordance with 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with 240.13d1(b)(1)(ii)(J), please specify the type of institution:
Longvi	ew Partners (Guernsey) Limited is an investment advisor registered under section 203 of the

Investment Advisors Act of 1940.

Longview Partners (UK) Limited is 100% owned by Longview Partners (Guernsey) Limited.

Longview Partners (UK) Limited is the managing member of Longview Partners Limited Liability Partnership.

# ITEM 4. OWNERSHIP

# (a) Amount beneficially owned:

2,989,184

(b) Percent of class:

5.1%

# (c) Number of shares as to which the person has:

(i) sole power to vote or to direct the vote:

(ii) shared power to vote or to direct the vote:

Longview Partners (Guernsey) Limited - 1,874,053 Longview Partners LLP - 1,874,053 Longview Partners (UK) Limited - 1,874,053

(iii) sole power to dispose or direct the disposition of:

(iv) shared power to dispose or to direct the disposition of:

Longview Partners (Guernsey) Limited - 2,989,184 Longview Partners LLP - 2,989,184 Longview Partners (UK) Limited - 2,989,184

# 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:

The shares reported herein have been acquired on behalf of discretionary clients of Longview Partners. Persons other than Longview Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares. None of those persons to the knowledge of Longview Partners has an economic interest in more than 5% of the class.

# ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY: Longview Partners Limited Liability Partnership

# **ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:** As per Itesm 2(a) & 3 above

### ITEM 9. NOTICE OF DISSOLUTION OF GROUP:

### ITEM CERTIFICATION:

**10.** By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

CUSIP No.: US3848021040 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 14 2017 Longview Partners (Guernsey) Limited By: /s/ Stuart J Tostevin Name: Stuart J Tostevin Title: Director Longview Partners LLP By: /s/ Daniel J Langan Name: Daniel J Langan Title: Head of Compliance Longview Partners (UK) Limited By: /s/ Rebecca L Knox Name: Rebecca L Knox Title: **Company Secretarial Team** Attention — Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001). CUSIP No.: US3848021040 The undersigned hereby agree to the joint filing of the Schedule 13G to which this agreement is attached.

Dated: (in put date of sign off)

Longview Partners (Guernsey) Limited By: Stuart J Tostevin Director

Longview Partners LLP By: Daniel J Langan Head of Compliance

Longview Partners (UK) Limited By: Rebecca L Knox Company Secretarial Team