

Item 8.01. Other Events.

On February 8, 2017, W.W. Grainger, Inc. (the “Company”) issued a press release announcing plans to begin hosting live quarterly conference calls beginning with the release of first quarter 2017 results scheduled for April 18, 2017. The Company also announced in the press release its intent to discontinue its practice of reporting monthly sales results. A copy of the press release is attached hereto as Exhibit 99.1.

Item 9.01. Financial Statements and Exhibits

(d)Exhibits

Exhibit No. Document Description

99.1 Press Release dated February 8, 2017

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: February 9, 2017

W.W. GRAINGER, INC.

By: /s/ Hugo Dubovoy, Jr.

Name: Hugo Dubovoy, Jr.

Title: Vice President, Corporate Secretary

EXHIBIT INDEX

Exhibit No.	Description of Exhibit
99.1	Press release dated February 8, 2017