

Merriwether Deidra C
 Form 3
 November 02, 2018

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Merriwether Deidra C		(Month/Day/Year)	GRAINGER W W INC [GW]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		10/31/2018		
100 GRAINGER PARKWAY			(Check all applicable)	6. Individual or Joint/Group Filing(Check Applicable Line)
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input type="checkbox"/> Form filed by More than One Reporting Person
			(give title below) (specify below)	
			Sr. VP (See Remarks)	
LAKE FOREST,Â ILÂ 60045				
(City)	(State)	(Zip)		

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,092	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		(I) (Instr. 5)	
Stock Option	04/30/2017	04/29/2024	Common Stock	2,127	\$ 248.22	D	Â
Stock Option	04/01/2018	03/31/2025	Common Stock	2,496	\$ 231.88	D	Â
Stock Option	04/01/2019	03/31/2026	Common Stock	2,860	\$ 234.38	D	Â
Stock Option	04/03/2020	04/02/2027	Common Stock	2,318	\$ 231.2	D	Â
Stock Option	04/02/2021	04/01/2028	Common Stock	3,123	\$ 276.64	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Merriwether Deidra C 100 GRAINGER PARKWAY LAKE FOREST, IL 60045	Â	Â	Â Sr. VP (See Remarks)	Â

Signatures

Hugo Dubovoy, as attorney-in-fact
11/02/2018

__Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

Reporting Person's full title is Senior Vice President, U.S. Direct Sales and Strategic Initiatives. Exhibits: Exhibit 24 - Power of Attorney

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.