

BRUSH CHARLES F III  
Form 4  
December 12, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
BRUSH CHARLES F III

2. Issuer Name and Ticker or Trading Symbol  
BRUSH ENGINEERED MATERIALS INC [BW]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)

(Last) (First) (Middle)  
17876 ST. CLAIR AVE.  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
12/09/2005

Director  10% Owner  
 Officer (give title below)  Other (specify below)

CLEVELAND, OH 44110  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  | Code                           | V   | Amount or Price   |  |  |
| Brush Engineered Materials Inc. | 12/09/2005                           |  | S                              |   | 19,900 D \$ 16.3  | 150,036  | D  |
| Brush Engineered Materials Inc. | 12/09/2005                           |  | S                              |   | 100 D \$ 16.59  | 149,936  | D  |
| Brush Engineered Materials Inc. |                                      |  |                                |   |   | 10,441   | I See footnote (1)                         |

|  |        |   |                               |
|--|--------|---|-------------------------------|
| Brush<br>Engineered<br>Materials<br>Inc. | 40,000 | I | See<br>footnote<br><u>(2)</u> |
| Brush<br>Engineered<br>Materials<br>Inc. | 3,000  | I | See<br>footnote<br><u>(3)</u> |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.** 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<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Nu<br>Deriv<br>Secur<br>Benef<br>Own<br>Follo<br>Repo<br>Trans<br>(Instr |
|---|--|---|---|---|--|--|---|---|---|
|   |  |   |   | Code                                    | V (A) (D)  | Date<br>Exercisable  | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares                                      |

## Reporting Owners

| Reporting Owner Name / Address                                     | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| BRUSH CHARLES F III<br>17876 ST. CLAIR AVE.<br>CLEVELAND, OH 44110 | X             |           |         |       |

## Signatures

Susan J. MacDonald / Atty  
in Fact 12/12/2005

\_\_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) Held in trust by the Brush Engineered Materials Inc. Directors' Deferred Compensation Plan for Non-employee Directors.
- (2) Indirect ownership of 40,000 shares held in Charitable Remainder Unitrust of which reporting person is trustee. The reporting person has only a fixed income interest in the trust and disclaims beneficial ownership of the securities.
- (3) Indirect ownership of 3,000 shares held by estate of spouse.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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