

BRUSH ENGINEERED MATERIALS INC  
 Form 4  
 May 15, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
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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 \*  
**REDDY N MOHAN**

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)  
 05/11/2007

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 (A) or (D) Price                                    |   |  |  |
| Common stock                    | 05/11/2007                           |  | D                              | 1,873 D \$ 51.7615  | 979   | D  |  |
| Common stock                    |                                      |  |                                |   | 19,455.938  | I  | See footnote (1)                           |

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 Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Beneficially (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| REDDY N MOHAN<br>17876 ST. CLAIR AVE.<br>CLEVELAND, OH 44110 |               | X         |         |       |

## Signatures

Susan J.  
MacDonald 05/11/2007

\_\_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) Acquired and held by trust for the Brush Engineered Materials Inc. Deferred Compensation Plan for Non-employee Directors and the 1997 Stock Incentive Plan.

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.

td> 351,671 D Common Stock, par value \$0.01 per share 11/13/2006 S 200 D \$ 18.19  
 351,471 D Common Stock, par value \$0.01 per share 11/13/2006 S 290 D \$ 18.2 351,181 D Common Stock, par value \$0.01 per share 11/13/2006 S 600 D \$ 18.21 350,581 D Common Stock, par value \$0.01 per share 11/13/2006 S 188 D \$ 18.22 350,393 D Common Stock, par value \$0.01 per share 11/13/2006 S 400 D \$ 18.23 349,993 D Common Stock, par value \$0.01 per share 11/13/2006 S 600 D \$ 18.24 349,393 D Common Stock, par value \$0.01 per share 11/13/2006 S 555 D \$ 18.25 348,838 D Common Stock, par value \$0.01 per share 11/13/2006 S 500 D \$ 18.26 348,338 D Common Stock, par value \$0.01 per share 11/13/2006 S 112 D \$ 18.27 348,226 D Common Stock, par value \$0.01 per share 11/13/2006 S 288 D \$ 18.3 347,938 D Common Stock, par value \$0.01 per share 11/13/2006 S 1,000 D \$ 18.44 346,938 D Common Stock, par value \$0.01 per share 11/14/2006 S 100 (1) D \$ 18 346,838 D

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

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(9-02)

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|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|

## Reporting Owners

| Reporting Owner Name / Address                                     | Relationships |           |                 |       |
|--|---------------|-----------|-----------------|-------|
|  | Director      | 10% Owner | Officer         | Other |
| CURREY ROBERT J<br>121 SOUTH 17TH STREET<br>MATTOON, IL 61938-3987 | X             |           | President & CEO |       |

## Signatures

/s/ David J. Doedtman, Power of Attorney  
 11/15/2006  
 \*\*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) All sales executed under a programmed trading plan entered into pursuant to the requirements of Rule 10b5-1 under the Securities and Exchange Act of 1934.

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