

BRUSH ENGINEERED MATERIALS INC  
 Form 4  
 July 12, 2006

**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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 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 \*  
 Bersticker Albert C

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)

CLEVELAND, OH 44110

(City) (State) (Zip)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 07/11/2006

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

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

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 Ownership (Instr. 4)		
				(A) or (D)	Amount Price					
Brush Engineered Materials Inc.	07/11/2006		A	V	475	A	\$ 23.65	12,087	I	See footnote (1)
Brush Engineered Materials Inc.								14,128	D (2)	

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**

SEC 1474  
 (9-02)

**required to respond unless the form displays a currently valid OMB control number.**

**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 Following Transaction (Instr. 6)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Bersticker Albert C 17876 ST. CLAIR AVE. CLEVELAND, OH 44110	X			

## Signatures

Susan J. MacDonald / Atty  
in Fact 07/12/2006  
 \*\*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) Acquired and held by trust for the Brush Engineered Materials Inc. Deferred Compensation Plan for Non-employee Directors and the 1997 Stock Incentive Plan.
- (2) Of these shares, 13,628 were distributed from the Brush Engineered Materials Inc. Deferred Compensation Plan for Non-employee Directors on September 6, 2004 in accordance with plan specifications.

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.