Rooke Andrew K. Jr. Form 4 February 27, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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if no longer

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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

1(b).

(Print or Type Responses)

may continue.

See Instruction

1. Name and Address of Reporting Person * Rooke Andrew K. Jr.

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Symbol

MIMEDX GROUP, INC.

Issuer

below)

(Check all applicable)

(Last)

(First)

(Street)

(Middle)

3. Date of Earliest Transaction

X_ Director Officer (give title

10% Owner Other (specify

7029 SHEAFF LANE

02/24/2009

(Month/Day/Year)

[MDXG.OB]

6. Individual or Joint/Group Filing(Check

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

FORT WASHINGTON, PA 19034

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. Code

(Instr. 8)

4. Securities TransactionAcquired (A) or Disposed of (D)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership

Following Reported

(I) (Instr. 4) (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4)

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

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SEC 1474 (9-02)

number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security	Derivative		(Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)						
				Code V	7 (A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock option	\$ 0.73	02/24/2009		A	50,000)	<u>(1)</u>	02/23/2019	Common Stock	50,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Rooke Andrew K. Jr.
7029 SHEAFF LANE X
FORT WASHINGTON, PA 19034

Signatures

V. Nicole Teal, pursuant to a POA filed previously with the SEC 02/26/2009

**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) The option vests in four equal annual installments, with the final installment vesting on February 24, 2012. Options for 12,500 shares are currently exercisable.

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.

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