Culumber Michael J. Form 4 December 30, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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 may continue.

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Culumber Michael J.

2. Issuer Name and Ticker or Trading

Symbol

MIMEDX GROUP, INC.

[MDXG.OB]

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

Chief Financial Officer

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

12/29/2009

Director 10% Owner Other (specify X_ Officer (give title

C/O MIMEDX, 4003 E. FOWLER

(Street)

AVENUE

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

TAMPA, FL 33617

| (City) | (State) (Z | ip) Table | I - Non-De | rivative Se | curities | s Acqu | uired, Disposed of | f, or Beneficial | ly 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | |
| Commoon Stock | 12/29/2009 | | P | 42,000 | Δ | \$ 0.6 | 42,000 | D | |
| Common Stock | 12/30/2009 | | G | 10,462 | A | \$ 0 | 52,462 | D | |

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

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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. Transactic Code (Instr. 8) | 5. Number of or 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) | |
|---|---|--------------------------------------|---|--|--|--|--------------------|---|-------------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Common Stock Warrants (Right to Buy) | \$ 1.5 | 12/29/2009 | | P | 21,000 | 12/30/2009 | 12/29/2014 | Common Stock | 21,000 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Culumber Michael J. C/O MIMEDX 4003 E. FOWLER AVENUE TAMPA, FL 33617

Chief Financial Officer

Signatures

/s/: Michael J. Culumber 12/30/2009

**Signature of Reporting 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) Received one warrant for every two shares of common stock purchased at \$.60 per share.

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.

Reporting Owners 2