Senken Michael J. Form 4 January 20, 2010

FORM 4

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

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 *

Senken Michael J.

(Last)

(City)

(First) (Middle)

145 INWOOD TERRACE

(Street)

(State)

ROSWELL, GA 30075

2. Issuer Name and Ticker or Trading

Symbol

MIMEDX GROUP, INC. [MDXG.OB]

3. Date of Earliest Transaction

(Month/Day/Year) 01/15/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

4. Securities

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

Issuer

below)

Person

5. Amount of

Director

Applicable Line)

X_ Officer (give title

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

(Zip)

Execution Date, if

(Month/Day/Year)

TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

Securities Beneficially Owned Following (A)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

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 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 **Underlying Securities** (Instr. 3 and 4)

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

Chief Financial Officer

6. Ownership

Form: Direct

(D) or Indirect Beneficial

6. Individual or Joint/Group Filing(Check

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

(T)

(Instr. 4)

below)

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Estimated average

burden hours per

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(Month/Day/Year)

Derivative Disposed of (D) Security (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount or Exercisable Date Number of Shares Stock Common (1) 01/15/2020 \$ 0.87 01/15/2010 Α 150,000 150,000 **Options** Stock

(Instr. 8) Acquired (A) or

Reporting Owners

Price of

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Senken Michael J. 145 INWOOD TERRACE ROSWELL, GA 30075

Chief Financial Officer

Signatures

/s/: Michael J.

(Instr. 3)

Senken 01/19/2010

**Signature of Person Date

Reporting Person

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) One-third of the options will vest on each anniversary of the date of grant.

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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