

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <b>PETIT PARKER H</b> (Last) (First) (Middle) 9815 HIGHWAY 98W, UNIT 930 (Street) MIRAMAR FL 32550 BEACH (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <b>MIMEDX GROUP, INC. [ MDXG.OB ]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>President and CEO</b>		
			3. Date of Earliest Transaction (Month/Day/Year) <b>04/07/2009</b>					
			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/04/2009		A		585,000 <sup>(1)</sup>	A	\$0.5	975,000	I	By Cox Road Partners, LLLP
Common Stock	06/04/2009		A		585,000 <sup>(1)</sup>	A	\$0.5	975,000	I	By Cox Road Partners II, LLLP
Common Stock	06/04/2009		A		585,000 <sup>(1)</sup>	A	\$0.5	975,000	I	By Petit Investments II, LLLP

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
3% Convertible Senior Secured Promissory Notes	\$0.5	04/07/2009		A		\$250,000		04/07/2009	04/07/2012	Common Stock	500,000	\$250,000	\$250,000	D	

**Explanation of Responses:**

1. On June 4, 2009, the Company's Board of Directors agreed to issue additional shares of stock to investors who purchased shares in its private placements between September 2008 and March 2009 so as to bring the cost of the acquired shares to \$0.50 per share. The shares issued represent the additional shares issuable to the reporting person as a result.

**Remarks:**

/s/ T. Clark Fitzgerald III, by  
Power of Attorney 06/08/2009

\*\* Signature of Reporting Person Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.