Clark David A.

Form 4

June 03, 2010

FORM 4

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

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

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 [*]
 Clark David A.

 (Last) (First) (Middle)

 1301 CONCORD TERRACE

 (Street)

 SUNRISE, FL 33323-2825

 (City) (State) (Zip) | 2. Issuer Name **and** Ticker or Trading Symbol
 MEDNAX, INC. [MD]

 3. Date of Earliest Transaction (Month/Day/Year)
 06/01/2010

 4. If Amendment, Date Original Filed(Month/Day/Year) | 5. Relationship of Reporting Person(s) to Issuer

 (Check all applicable)

 _____ Director _____ 10% Owner
 __X__ Officer (give title _____ Other (specify below) below)
 COO / Pediatrix Division

 6. Individual or Joint/Group Filing(Check Applicable Line)
 _X_ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price $			
Common Stock	06/01/2010		S[(1)]		6,755	D	55.945 [(2)]	9,067	D	
Common Stock	06/01/2010		A		8,461 [(3)]	A	$ 0	17,528	D	

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

SEC 1474 (9-02)

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. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Clark David A. 1301 CONCORD TERRACE SUNRISE, FL 33323-2825			COO / Pediatrix Division	

Signatures

/s/ Thomas W. Hawkins Attorney-in-fact	06/03/2010
**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)	Sales of shares were made pursuant to the Reporting Person's 10b5-1 trading plan.
(2)	Sales of shares were executed in fifty-one (51) separate transactions with prices ranging from $55.38 to $56.49 for a weighted average sales price of $55.9453.
(3)	Restricted shares granted pursuant to the Issuer's 2008 Incentive Compensation Plan in connection with annual equity award. The vesting of the restricted shares is subject to performance based criteria but will not vest any earlier than in three equal installments on June 1, 2011, June 1, 2012 and June 1, 2013.

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.