Douglas Cory Form 4 May 08, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

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January 31, 2005

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response...

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

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **Douglas Cory** Issuer Symbol Medidata Solutions, Inc. [MDSO] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title C/O MEDIDATA SOLUTIONS. 12/04/2012 below) INC., 79 FIFTH AVENUE, 8TH Chief Financial Officer **FLOOR** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year)

(State)

(Zip)

NEW YORK, NY 10003

(City)

Applicable Line)

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

stive Committee Accord

(City)	(State)	Tab	le I - Non-l	Derivative S	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securiti omr Dispose (Instr. 3, 4	ed of ((D)	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)
Common Stock	05/07/2013		M		A	\$ 12.08	67,492	D	
Common Stock	05/07/2013		S	14,300	D	\$ 67.404 (1)	53,192	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)	nth/Day/Year) Execution Date, if TransactionDerivative any Code Securities (Month/Day/Year) (Instr. 8) Acquired (or Dispose (D)		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exer Expiration D (Month/Day,	ate	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
Stock Option (Right to buy)	\$ 12.08	05/07/2013		M	14,300	(2)	11/13/2017	Common Stock	14,300

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Douglas Cory

C/O MEDIDATA SOLUTIONS, INC. 79 FIFTH AVENUE, 8TH FLOOR NEW YORK, NY 10003

Chief Financial Officer

Signatures

/s/ Michael I. Otner, Attorney-in-Fact

05/08/2013

**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).
- Such transaction was executed in multiple trades at prices ranging from \$66.42 to \$68.09. The price reported reflects the weighted
- (1) average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
- (2) These options are fully vested and 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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