Rainey Gregory P Form 4 June 10, 2011

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL** 

**OMB** 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per

0.5 response...

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

Check this box

obligations may continue. See Instruction

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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person \* Rainey Gregory P

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

CAS MEDICAL SYSTEMS INC

[CASM]

(Check all applicable)

(Middle)

(Zip)

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

06/08/2011

X\_ Director 10% Owner Other (specify Officer (give title

C/O CAS MEDICAL SYSTEMS, INC., 44 EAST INDUSTRIAL ROAD

(Street)

(First)

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

BRANFORD, CT 06405

(City) (State)

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

1.Title of Security (Instr. 3)

(Month/Day/Year) Execution Date, if

2. Transaction Date 2A. Deemed (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Disposed of (D) Code (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct (D) or Indirect (I) (Instr. 4)

Indirect Beneficial Ownership (Instr. 4)

(9-02)

(A)

Code V Amount (D) Price

Transaction(s) (Instr. 3 and 4)

Common Stock

06/08/2011

3,953

\$0 5,930 (1)

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

#### Edgar Filing: Rainey Gregory P - Form 4

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Date		Amount of		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securities		(Instr. 5)	Bene
	Derivative Security				Securities			(Instr. 3 and 4)		Owne	
					Acquired	guired					Follo
					(A) or						Repo
					Disposed						Trans
					of (D)					(Instr	
					(Instr. 3,						(2.11541
		4, and 5)									
					i, and 3)						
									Amount		
						Date Exercisable	Expiration Date	Title	or		
									Number		
									of		
				Code V	(A) (D)				Shares		

# **Reporting Owners**

Reporting Owner Name / Address

Director 10% Owner Officer Other

Rainey Gregory P C/O CAS MEDICAL SYSTEMS, INC. 44 EAST INDUSTRIAL ROAD BRANFORD, CT 06405

X

## **Signatures**

/s/Gregory P. 06/10/2011 Rainey

\*\*Signature of 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) Grant of restricted stock vesting over one year (25% every quarter)

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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