Martin David Form 4 March 13, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB Washington, D.C. 20549

OMB APPROVAL

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

Issuer

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

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

obligations

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

2. Issuer Name and Ticker or Trading

Cardiovascular Systems Inc [CSII]

Symbol

1(b).

Martin David

(Print or Type Responses)

1. Name and Address of Reporting Person *

			Cardiovascalar bystems inc [CSH]			OII	(Check all applicable)						
	(Last)	(First)	(Middle)	3. Date of	f Earliest T	ransaction				••			
651 CAMPUS DRIVE				(Month/Day/Year)					X Director 10% OwnerX Officer (give title Other (specify				
	031 CAMIF	JS DKI VE		03/11/2	013				below) below)				
									Pres	ident and CEO			
(Street)				4. If Ame	4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
F				Filed(Mo	nth/Day/Year	r)			Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting				
	CE DAIN	NOV 55110											
ST. PAUL, MN 55112									Person				
	(City)	(State)	(Zip)	Tab	le I - Non-I	Derivative :	Securi	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned		
	1.Title of	2. Transaction D	ate 2A. Dee	med	3.	4. Securit	ies Ac	quired	5. Amount of	6.	7. Nature of		
	Security	(Month/Day/Year	ar) Execution	on Date, if	Transaction(A) or Disposed			Securities	Ownership	Indirect			
(Instr. 3)			any	D (W)	Code (Instr. 3, 4 and 5)			Beneficially	Form: Direct (D) or				
			(Month/)	Day/Year)	(Instr. 8)				Owned Following	Ownership (Instr. 4)			
							(4)		Reported	(1110411 1)			
							(A) or		Transaction(s)				
					Code V	Amount	(D)	Price	(Instr. 3 and 4)				
	Common	03/11/2013			S	7,859	D	\$	322,093	D			
	Stock	03/11/2013			S	(1)	D	17.15	322,093	ע			
	Common					10,000		\$					
	Stock	03/11/2013			S	(1)	D	18.15	312,093	D			
	C					9.642		¢					
	Common Stock	03/12/2013			S	8,643	D	\$ 19.34	303,450	D			
	Stock					<u> </u>		17.54					
	Common								1,400	I	By child		
	Stock								-,		- J		
	Common								1 400	I	Dry abild		
	Stock								1,400	1	By child		

Common Stock

1,400

I

By child

(9-02)

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)

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. Transactic Code (Instr. 8)	of		ate	7. Title and A Underlying S (Instr. 3 and	Securities	8. Pri Deriv Secur (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 8.83					(2)	07/16/2016	Common Stock	71,170	
Stock Option (right to buy)	\$ 8.83					(2)	08/14/2016	Common Stock	38,820	
Stock Option (right to buy)	\$ 8.83					<u>(2)</u>	02/14/2017	Common Stock	349,380	
Stock Option (right to buy)	\$ 7.9					(2)	06/11/2017	Common Stock	90,580	
Stock Option (right to buy)	\$ 12.15					<u>(2)</u>	12/11/2017	Common Stock	242,625	
Stock Option (right to	\$ 8.75					(2)	03/01/2019	Common Stock	32,350	

buy)

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Martin David							
651 CAMPUS DRIVE	X		President and CEO				
ST. PAUL, MN 55112							

Signatures

/s/ Scott J. Dorfman as Attorney-in-Fact for David L. Martin pursuant to Power of Attorney previously filed.

03/13/2013

**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).
- (1) The shares were sold pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 31,2012.
- (2) Fully 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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