Barnes Jeffrey H Form 4 June 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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

may continue.

See Instruction

Check this box

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(b).

(C:tr.)

(Ctota)

(7:-

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Barnes Jeffrey H Issuer Symbol ICAD INC [icad] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _ Other (specify C/O ICAD INC., 98 SPIT BROOK 05/31/2011 below) ROAD, SUITE 100 **EVP of Global Comm Operations** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting NASHUA, NH 03062 Person

(City)	(State) (A	Table	I - Non-Do	erivative S	Securities A	cquired, Disposed	of, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties Acquire	ed 5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or D	isposed of	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(D)		Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and 5)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
					(A)	Reported		
					(A)	Transaction(s)		
			Code V	Amount	or (D) Prio	(Instr. 3 and 4)		
Common			Code v	7 timount				
Common Stock	05/31/2011		F(1)	7,938	D \$ 1.1	3 157,460	D	

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

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SEC 1474

(9-02)

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

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exerc Expiration Da		7. Title Amoun		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monan Day) Teal)	any (Month/Day/Year)	Code (Instr. 8)	of (Month/I			Underly Securiti (Instr. 3	ying les	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Barnes Jeffrey H C/O ICAD INC. 98 SPIT BROOK ROAD, SUITE 100 NASHUA, NH 03062

EVP of Global Comm Operations

Signatures

/s/Annette Heroux, Attorney-in-Fact

06/02/2011

**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) Represents surrender of shares to the issuer in payment of tax liability relating to the vesting of restricted stock.

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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