Subramaniam Somu Form 4 January 04, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

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

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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)

See Instruction

1. Name and a Subramania	Address of Reporting am Somu	Symbol	ner Name and Ticker or Trading INC [icad]	5. Relationship of Reporting Person(s) to Issuer			
(Last) C/O ICAD ROAD SU	INC, 98 SPIT BR	Middle) 3. Date (Month)	of Earliest Transaction /Day/Year)	(Check all applicable) _X_ Director 10% Owner Officer (give title below) Other (specify below)			
NASHUA,	(Street) NH 03062		nendment, Date Original Ionth/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 Person			
(City)	(State)	(Zip) Ta	ble I - Non-Derivative Securities Ac	quired, 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)	Code (Instr. 3, 4 and 5)	Securities Ownership Indirect Beneficially Form: Beneficial Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)			
Common Stock	12/30/2010		A 1,852,480 A (I	By New 1,852,480 I Science Ventures			

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)

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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)	5. Number of orDerivative 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Director Stock Option (right to buy)	\$ 1.4	12/30/2010		A	25,000	12/30/2010	12/30/2015	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
Subramaniam Somu					
C/O ICAD INC 98 SPIT BROOK ROAD SUITE 100	X				

Signatures

NASHUA, NH 03062

/s/Annette Heroux, Attorney-in-Fact

(1)

01/04/2011

**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).

Deletionships

The reported shares were acquired pursuant to the terms of the agreement and plan of merger pursuant to which on December 30, 2010 Xoft, Inc. was merged into a wholly-owned subsidiary of the issuer. The agreement and plan of merger, which was entered into on December 15, 2010, placed a value on the issuer's common stock of \$1.4010 a share, based on the average of the closing sale price of the issuer's common stock over the thirty trading days immediately preceding the closing date. A portion of the shares reported herein are subject to an escrow agreement which provides for the placement in escrow of certain of the shares issued in the merger. The escrowed shares are subject to forfeiture during the 15 month period following the merger to secure potential post-closing indemnification obligations of the Xoft stockholders.

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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