Brem Rachel Form 4 December 27, 2018

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

Check this box

if no longer subject to Section 16. Form 4 or

obligations

Form 5

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

30(h) of the Investment Company Act of 1940

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Brem Rachel

(Last)

(First) (Middle)

C/O ICAD, INC.,, 98 SPIT BROOK

ROAD, SUITE 100

(Street)

2. Issuer Name and Ticker or Trading Symbol

ICAD INC [ICAD]

3. Date of Earliest Transaction

(Month/Day/Year) 12/21/2018

4. If Amendment, Date Original

Filed(Month/Day/Year)

NASHUA, NH 03062

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Check all applicable)

X_ Director 10% Owner

Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Ownership

Form: Direct

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

(City) (State)

(Zip)

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

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

(Instr. 3, 4 and 5)

Following Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Securities Beneficially Owned

5. Amount of

(I) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership

(Instr. 4)

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 (9-02)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

Conversion or Exercise

(Month/Day/Year)

3. Transaction Date 3A. Deemed Execution Date, if any

4. 5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amoun Underlying Securiti (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Convertible	ф <i>Л</i>	12/21/2010		٨	5,000		12/21/2019(2)	12/21/2021	Common

Α

(1)

Amo

Numl of Share

5,0

Stock

12/21/2018(2) 12/21/2021

Reporting Owners

\$4

Reporting Owner Name / Address	Relationships					
1	Director	10% Owner	Officer	Other		
Brem Rachel C/O ICAD, INC., 98 SPIT BROOK ROAD, SUITE 100 NASHUA, NH 03062	X					

12/21/2018

Signatures

Debenture

/s/Annette Heroux,
Attorney-in-Fact 12/26/2018

**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 number of Convertible Debentures purchased was derived by diving the amount of the reporting person's investment by the conversion price of the Convertible Debentures.
- (2) The Convertible Debentures bear interest of 5% per annum, payable semi-annually on December 21 and June 21.

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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