IMAGE SENSING SYSTEMS INC

Form 4/A

September 08, 2008

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

OMB Number:

3235-0287

0.5

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

OMB APPROVAL

subject to Section 16. Form 4 or

SECURITIES

Estimated average burden hours per response...

Form 5 obligations may continue.

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

MURDAKES JAMES

Symbol

(Check all applicable)

IMAGE SENSING SYSTEMS INC [isns]

(Last)

(First) (Middle) 3. Date of Earliest Transaction

4. If Amendment, Date Original

(Instr. 8)

X_ Director 10% Owner Other (specify Officer (give title

(Month/Day/Year)

1600 UNIVERSITYT AVE W #500

(Street)

08/28/2008

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

08/29/2008

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

Person

Issuer

below)

ST PAUL, MN 55104

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

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

Execution Date, if

(Month/Day/Year)

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

5. Amount of Securities Beneficially Owned

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

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Following Reported Transaction(s) (Instr. 3 and 4)

or

Code V Amount (D) Price

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

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

5. Number of **Transaction**Derivative Code Securities

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

7. Title and Amou Underlying Secur (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A)
Derivative or Disposed of Security (D)
(Instr. 3, 4, and 5)

Code V (A) (D) Date Expiration Title

Exercisable Date

le Date

Am

or Nu of S

10

Exercisable Bate

Non-incentive stock options \$ 2.4 08/28/2008 M 10,000 12/08/1998 12/08/2008 Common stock

Other

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer

MURDAKES JAMES 1600 UNIVERSITYT AVE W #500 X ST PAUL, MN 55104

Signatures

/s/ Joanne Ritter, Attorney in Fact for James
09/08/2008
Murdakes

**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).

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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