AUBREY KEN Form 4 June 24, 2009

FORM 4

OMB APPROVAL OMB

Check this box if no longer subject to

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

3235-0287 Number: January 31,

Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per

Expires:

Form 5 obligations may continue. See Instruction

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

response... 0.5

2005

1(b).

(Last)

(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 Issuer

AUBREY KEN

Symbol

(Check all applicable)

IMAGE SENSING SYSTEMS INC

[ISNS]

(First)

1600 UNIVERSITY AVE W #500

(Street)

3. Date of Earliest Transaction

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

(Month/Day/Year) 06/22/2009

below) President & CEO

(Middle)

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

(Instr. 4)

Person

ST PAUL, MN 55104

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

1. Title of

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

2.

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

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

(Instr. 4)

(A)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

3. Transaction Date 3A. Deemed

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)

Derivative Conversion (Month/Day/Year) Execution Date, if Security or Exercise any Code

4. 5. Number of 6. Date Exercisable and **Transaction**Derivative **Expiration Date** Securities Acquired (Month/Day/Year)

7. Title and A Underlying So (Instr. 3 and 4

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	(A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Incentive stock options	\$ 14.24	06/22/2009		D		28,088	<u>(1)</u>	01/22/2013	Common stock
Incentive stock options	\$ 9.22	06/22/2009		A	27,715		<u>(3)</u>	06/22/2015	Common stock
Non-incentive stock options	\$ 14.24	06/22/2009		D		21,912	<u>(1)</u>	01/22/2013	Common stock
Non-incentive stock options	\$ 9.22	06/22/2009		A	22,285		<u>(4)</u>	06/22/2015	Common stock

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			

AUBREY KEN

1600 UNIVERSITY AVE W #500

President & CEO

ST PAUL, MN 55104

Signatures

/s/ Joanne Ritter, Attorney in Fact for Ken
Aubrey

06/24/2009

**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 option provided for vesting in four equal annual installments beginning January 22, 2008.
- On June 22, 2009, the issuer canceled, pursuant to the issuer's option exchange program, an option grant to the reporting person on (2) January 22, 2007. In exchange, the reporting person received a replacement option on June 22, 2009, for the same number of shares, having an exercise price equal to the market price of the underlying stock on the grant date.
- (3) The options become exercisable in annual installments of 10,845 options each at January 2, 2010 and 2011; and 6,025 options at January 2, 2013.
- (4) The options become exercisable in four annual installments of 1,655 options each at January 2, 2010 and 2011, respectively; 12,500 options at January 2, 2012; and 6,475 options at January 2, 2013.

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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