Tufto Kris B Form 4 September 22, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0287

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Section 16. Form 4 or Form 5 obligations

Check this box

if no longer

subject to

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)

may continue.

See Instruction

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

Tufto Kris B

(First)

(Street)

IMAGE SENSING SYSTEMS INC

(Check all applicable)

[ISNS]

(Last)

3. Date of Earliest Transaction

4. If Amendment, Date Original

(Instr. 8)

_X__ Director Officer (give title

10% Owner Other (specify

2660 CHRISTIAN COURT

(Month/Day/Year) 09/21/2011

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Filed(Month/Day/Year) Applicable Line)

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

Person

below)

CHASKA, MN 55318

(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)

(Middle)

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) or

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

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amoun 4. TransactionDerivative Derivative Conversion **Expiration Date** Underlying Securiti (Month/Day/Year) Execution Date, if Code (Month/Day/Year) (Instr. 3 and 4) Security or Exercise Securities any

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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 Amou Exercisable Date or Numb of Sh

Non-qualified

Common stock option \$ 6.58 09/21/2011 A 18,000 (1) 09/20/2021 Stock (right to buy)

18,0

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Tufto Kris B

2660 CHRISTIAN COURT X

CHASKA, MN 55318

Signatures

/s/ Gregory R. L. Smith Attorney-in-Fact for Kris B. 09/21/2011 **Tufto**

> **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 becomes exercisable in three equal installments on each of the first, second and third anniversary dates of the date of grant. 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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