#### **IMAGE SENSING SYSTEMS INC**

Form 4

August 08, 2006

# FORM 4

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

OMB 3235-0287 Number:

Estimated average

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

0.5

**OMB APPROVAL** 

Form 4 or 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

burden hours per response...

See Instruction

30(h) of the Investment Company Act of 1940 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MURDAKES JAMES	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	IMAGE SENSING SYSTEMS INC [ISNS]	(Check all applicable)			
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% Owner X Officer (give title Other (specify			
1600 UNIVERSITY AVE W #500	08/04/2006	CEO			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
om 5.114 1.01 5.10	Filed(Month/Day/Year)				
	08/04/2006 4. If Amendment, Date Original	below) below) CEO  6. Individual or Joint/Group Filing(Che Applicable Line)			

ST PAUL, MN 55104

ST PAUL, I					Person	Tore than one Re	porting		
(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	ransaction(A) or Disposed of (D) lode (Instr. 3, 4 and 5) instr. 8)  (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
common stock	08/04/2006		M	4,053	D		15,472	D	
common stock	08/04/2006		M	2,549	D	\$ 13	12,923	D	
common stock	08/04/2006		M	700	D	\$ 12.52	12,223	D	
common stock	08/04/2006		M	450	D	\$ 12.51	11,773	D	
common stock	08/04/2006		M	195	D	\$ 13.01	11,578	D	

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common stock	08/04/2006	M	105	D	\$ 12.57 11,473	D
common stock	08/04/2006	M	100	D	\$ 12.64 11,373	D
common stock	08/04/2006	M	100	D	\$ 12.63 11,273	D
common stock	08/04/2006	M	99	D	\$ 12.68 11,174	D
common stock	08/04/2006	M	99	D	\$ 12.66 11,075	D
common stock	08/04/2006	M	50	D	\$ 12.56 11,025	D
common stock	08/04/2006	G V	1,500	D	\$ 12.9 9,525	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.		5.	6. Date Exerc	cisable and	7. Tit	le and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ction	Number	Expiration D	ate	Amou	ınt of	Derivative	
Security	or Exercise		any	Code	(	of	(Month/Day/	Year)	Unde	rlying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	8) 1	Derivative			Secur	ities	(Instr. 5)	
	Derivative					Securities			(Instr	. 3 and 4)		
	Security				1	Acquired						
	•				(	(A) or						
					]	Disposed						
						of (D)						
						(Instr. 3,						
						4, and 5)						
						., and c)						
										Amount		
							Date	Expiration		or		
							Exercisable	Date	Title	Number		
							Exercisable	Date		of		
				Code	V	(A) (D)				Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
. 5	Director	10% Owner	Officer	Other			
MURDAKES JAMES 1600 UNIVERSITY AVE W #500	X		CEO				
ST PAUL, MN 55104							

Reporting Owners 2

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### **Signatures**

Joanne Ritter, POA for James
Murdakes

08/08/2006

\*\*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.

Signatures 3