INTEGRAL VISION INC

Form 4

February 17, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

OMB APPROVAL

10% Owner Other (specify

January 31, 2005

0.5

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Check this box if no longer subject to Section 16. Form 4 or

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person *

(First)

FUNDS, 527 MADISON AVENUE,

(State)

MARXE AUSTIN W & GREENHOUSE DAVID M

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

INTEGRAL VISION INC [INVI]

3. Date of Earliest Transaction

(Month/Day/Year) 02/16/2006

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

C/O SPECIAL SITUATIONS

SUITE 2600

(City)

(Last)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Director

Officer (give title

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

below)

NEW YORK, NY 10022

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Ownership (Instr. 3) Code Disposed of (D) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned (D) or Following Indirect (I) Reported (Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4)

Price Code V Amount (D)

Common 2,800 P 02/16/2006 (1) Stock

6,455,289 (1) I (1)

By Limited **Partnerships**

7. Nature of

Ownership

(Instr. 4)

Indirect

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

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SEC 1474 (9-02)

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amoun	it of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securities		(Instr. 5)	Bene
	Derivative Security				Securities Acquired			(Instr. 3	3 and 4)		Own
											Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								,	Amount		
									or		
						Date	Expiration		Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

MARXE AUSTIN W & GREENHOUSE DAVID M C/O SPECIAL SITUATIONS FUNDS 527 MADISON AVENUE, SUITE 2600 NEW YORK, NY 10022

X

Signatures

Austin W.

Marxe 02/17/2006

**Signature of Date

Reporting Person

Reporting Person

David M.

Greenhouse 02/17/2006 **Signature of 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).

This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman), Special Situations Private Equity Fund, LP (PE), Special Situations Technology Fund, L.P. (Tech) and Special Situations Technology II, L.P.

(1) (Tech II), respectively. 718,793 shares of Common Stock are held by QP, 739,608 shares of Common Stock and 350,000 Wts are held by Cayman, 1,574,888 shares of Common Stock and 750,000 Wts are held by PE, 219,200 shares of Common Stock and 105,000 Wts are held by Tech and 1,352,800 shares of Common Stock and 645,000 Wts are held by Tech II. The interest of Marxe and Greenhouse in the shares of Common Stock owned by QP, Cayman, PE, Tech, and Tech II is limited to the extent of his pecuniary interest.

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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