Smith Albert Louis Form 4 June 09, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b). (Print or Type Responses)

1. Name and Address of Reporting Person * Smith Albert Louis

(First) (Middle) (Last)

14500 N NORTHSIGHT BLVD, SUITE 314

(Street)

2. Issuer Name and Ticker or Trading Symbol

IsoRay, Inc. [ISR]

3. Date of Earliest Transaction

(Month/Day/Year) 06/07/2011

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

SCOTTSDALE, AZ 85260

(City) (State) (Zip)

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

(A)

or

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) (Instr. 8)

(Instr. 3, 4 and 5)

Code V Amount (D) Price

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership Form: Direct (I) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4)

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

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

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

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

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of (D)

(Instr. 3, 4, and 5)

Code V (A)

(D) Date Expiration Exercisable Date

Title

Amount or Number

of Share

25,000

Stock

Options \$ 0.99 (1)

06/07/2011

A 25,000 06/07/2011 06/07/2021

COMMON **STOCK**

Reporting Owners

Relationships

Reporting Owner Name / Address

10%

Director

X

Officer Other Owner

Smith Albert Louis 14500 N NORTHSIGHT BLVD SUITE 314 SCOTTSDALE, AZ 85260

Signatures

Albert Smith

**Signature of Reporting Person

06/09/2011 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) (right to buy)

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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