

Ragle Brien  
Form 3  
October 15, 2009

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |  |
| Â Ragle Brien                             |         | (Month/Day/Year)                     | IsoRay, Inc. [ISR]                                 |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
|   |         | 10/02/2009                           |  |  |
| 350 HILLS ST,Â SUITE 106                  |         |                                      | (Check all applicable)                             |  |
| (Street)                                  |         |                                      | <input type="checkbox"/> Director                  | <input type="checkbox"/> 10% Owner                                     |
| RICHLAND,Â WAÂ 99354                      |         |                                      | <input checked="" type="checkbox"/> Officer        | <input type="checkbox"/> Other   |
| (City)                                    | (State) | (Zip)                                | (give title below)                                 | (specify below)  |
|   |         |                                      | Controller   | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   |         |                                      |  | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      |  | <input type="checkbox"/> Form filed by More than One Reporting Person  |

**Table I - Non-Derivative Securities Beneficially Owned**

|                                 |   |  |   |
|---------------------------------|---|--|---|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

|  |  |   |  |   |   |
|--|--|---|--|---|---|
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|  | Date Exercisable   | Expiration Date   |  |   |   |
|  |  | Title   | Amount or Number of Shares                             |   |   |

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|              |       |            |              |        |         |   |   |
|--------------|-------|------------|--------------|--------|---------|---|---|
| Stock option | Â (1) | 03/02/2017 | common stock | 5,000  | \$ 4.4  | D | Â |
| Stock option | Â (2) | 06/01/2017 | common stock | 2,000  | \$ 4.14 | D | Â |
| Stock option | Â (3) | 06/01/2019 | common stock | 34,000 | \$ 0.26 | D | Â |

## Reporting Owners

| Reporting Owner Name / Address                                 | Relationships |           |              |       |
|--|---------------|-----------|--------------|-------|
|  | Director      | 10% Owner | Officer      | Other |
| Ragle Brien<br>350 HILLS ST<br>SUITE 106<br>RICHLAND, WA 99354 | Â             | Â         | Â Controller | Â     |

## Signatures

/s/ Brien Ragle                      10/13/2009  
 \_\_Signature of                      Date  
 Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) 3,334 are exercisable as of the date of this Form 3, and 1,666 will become exercisable on March 2, 2010.
- (2) 1,333 are exercisable as of the date of this Form 3, and 667 will become exercisable on June 1, 2010.
- (3) 11,333 will become exercisable on June 1, 2010, 11,333 will become exercisable on June 1, 2011, and 11,334 will become exercisable on June 1, 2012.

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.