Ragle Brien Form 3 October 15, 2009

FORM 3

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

OMB APPROVAL

OMB Number:

3235-0104

0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement IsoRay, Inc. [ISR] A Ragle Brien (Month/Day/Year) 10/02/2009 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 350 HILLS ST. SUITE 106 (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer _ Other Person RICHLAND, WAÂ 99354 (give title below) (specify below) Form filed by More than One Controller Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership (Instr. 4) Ownership

(Instr. 4)

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

SEC 1473 (7-02)

Form:

Direct (D) or Indirect (I) (Instr. 5) (Instr. 5)

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	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Expiration Exercisable Date	(Instr. 4) Amount or Title Number of Shares		Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	

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Stock option	(1)	03/02/2017	common stock	5,000	\$ 4.4	D	Â
Stock option	(2)	06/01/2017	common stock	2,000	\$ 4.14	D	Â
Stock option	(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					
350 HILLS ST	Â	Â	Controller	â	
SUITE 106	Α	A	A Controller	A	
RICHLAND, WA 99354					

Signatures

/s/ Brien Ragle 10/13/2009

**Signature of Person 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.

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