

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

OMB APPROVAL

OMB Number: 3235-0104  
Estimated average burden  
hours per response... 0.5**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of  
the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* <b>DRAKE STEPHEN R</b>  (Last) (First) (Middle) <b>101 S. CAPITOL BLVD.</b>  (Street) <b>BOISE, ID 83702</b>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <b>04/01/2004</b>	3. Issuer Name and Ticker or Trading Symbol <b>MEDICAL DISCOVERIES INC [MLSC]</b>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Secretary</b>	5. If Amendment, Date Original Filed(Month/Day/Year)
			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)
Common Stock	33,250	D	

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

SEC 1473 (7-02)

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**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			
Employ Stock Option (right to buy)	01/08/2004	01/08/2011	Common Stock	300,000	\$ 0.05	D	

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DRAKE STEPHEN R 101 S. CAPITOL BLVD. BOISE, ID 83702			Secretary	

**Signatures**

Stephen R. Drake	04/08/2004
**Signature of Reporting Person	Date

**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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

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