U.S. SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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(f) of the Investment Company Act of 1940

|_| Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person

Niven	Ralph	
(Last)	(First)	(Middle)

333 Penobscot Drive
(Street)

Redwood City	CA	18901
(City)	(State)	(Zip)

2. Issuer Name and Ticker or Trading Symbol

Discovery Laboratories, Inc (Discovery)
DSCO

3. IRS Identification Number of Reporting Person, if an Entity (Voluntary)

4. Statement for Month/Year

June 2002

5. If Amendment, Date of Original (Month/Year)

6. Relationship of Reporting Person to Issuer
(Check all applicable)

|_| Director
|X| Officer (give title below)
|_| 10% Owner
|_| Other (specify below)

Senior Vice President, Preclinical Development

7. Individual or Joint/Group Filing (Check Applicable Line)

|X| Form filed by one Reporting Person
|_| Form filed by more than one Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (mm/dd/yy)	3. Transaction Code (Instr. 8) Code	V	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Amount	(A) or (D)	Price	5. Amount of Securities Beneficially Owned at End of Month (Instr. 3 and 4)	6. Owner-ship Form: Direct (D) or Indirect (I) (Instr.4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	6/13/02	P		2,000	A	$1.80	2,000	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transaction Code (Instr. 8) Code V	5. Number of Derivative Securities Acquired (A) or Disposed of(D) (Instr. 3, 4 and 5) (A)	(D)	6. Date Exercisable and Expiration Date (Month/Day/Year) Date Exercisable	Expiration Date	7. Title and Amount of Underlying Securities (Instr. 3 and 4) Title	Amount or Number of Shares	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned at End of Month (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

Explanation of Responses:

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

/s/ Ralph Niven 6/20/02

** Signature of Reporting Person Date

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