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

FORM F

ANNUAL 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

 $|{\sf X}|$ Check this box if no longer subject of Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

_ Form 3 Holding	s Reported								
_ Form 4 Transac	tions Reported								
1. Name and Addres				=========					
Segal,	Robert								
(Last)	(First)	(M:			-				
350 South Main Str									
		(Street)							
Doylestown,	PA	18	901						
	(State)	(Z			· •				
2. Issuer Name and				=========					
Discovery Laborato DSCO	ories, Inc., ("Disc	covery")							
3. IRS Identificat									
4. Statement for M									
December 2001									
5. If Amendment, D	ate of Original (Month/Year)							
6. Relationship of (Check all appl	Reporting Person								
[] Director [X] Officer (give title below)	[]	10% Owner Other (speci	fy below)					
Vice President									
	:=========								
[] Form filed	by One Reporting by More than One	Person Reporting Person	on						
* If the Form is f 4(b)(v).									
	Non-Derivative or Bene	e Securities Ac eficially Owned	quired, Dispos	ed of,					
		========	========	=======================================					
		2.	3.	4. Security Acquire Disposed of (D) (Instr. 3, 4 and	d 5)	or	5. Amount of Securities Beneficially Owned at End of Issuer's	6. Owner- ship Form: Direct (D) or	7. Nature of Indirect
1. Title of Security		Transaction Date	Transaction Code	Amount	(A) or	Price	Fiscal Year		Beneficial Ownership
(Instr. 3)		(mm/dd/yy)	(Instr. 8)		(D)		and 4)	(Instr.4)	(Instr. 4)

=======	=========	=========	==========	=========		=========	 =====
Reminder:	Report on a se	parate line for e	ach class of secu	rities beneficial	lly		

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

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. Conver- sion or Exer- cise Price of Deriv- ative Secur- ity	3. Trans- action Date (Month/ Day/ Year)	4. Trans- action Code (Instr. 8)	or Dis of (D) (Instr 4 and	ative ties ed (A) sposed . 3,	Expirati (Month/D Date	on Date ay/Year) Expira- tion	7. Title and of Underl Securitie (Instr. 3	ying s and 4)	Deriv- ative Secur- ity (Instr.	9. Number of Deriv- ative Secur- ities Bene- ficially Owned at End of Year (Instr. 4)	10. Owner- ship of Deriv- ative Secur- ity: Direct (D) or In- direct (I) (Instr. 4)	11. Nature of In- direct Bene- ficial Owner- ship (Instr. 4)
Employee Stock Option	\$4.09	5/10/01	Α	А		5/10/01(1) 5/09/1	Common 1 Stock	15,000	\$4.09	161,000	D	
Employee Stock Option	\$2.10	9/21/01	Α	A		9/21/01(2) 9/20/1	Common 1 Stock	55,000	\$2.10	161,000	D	

Explanation of Responses:

- (1) This employee stock option shall become vested in three equal installments on each of the first, second and third anniversary of the date of grant.
- (2) This employee stock option is immediately exercisable and vests 25% on the date of the grant. The remaining 75% of the option shares become vested in three equal annual installments beginning with the first year anniversary of the grant.

/s/ Robert Segal	2/13/02
**Signature of Reporting Person	Date

** 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 provided is insufficient, see Instruction 6 for procedure.