	FORM 4		UNITED STATES SECURITIES AND EXCHANGE COMMISSIC Washington, D.C. 20549									55101		OMB APPROVAL					
o Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. <i>See</i> Instruction 1(b). (Print or Type Responses)		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										OMB Number: 3235-0287 Expires: January 31, 2005 Estimated average burden hours per response 0.5							
					Section	Section 3	D(h) of the I	nvestment	: Comp	ompan oany Ac	t of 1940	or							
1.	Name and Address Scarbrough	s of Reporting Person* Elizabeth					e <b>and</b> Tick Biosurgery		ing Sy	mbol				(	Relationshi Check all Director	appli	Reporting Perso icable)		o Issuer % Owner
	(Last) 6740 Top Gun Stre	(First)	(Mid	ldle)			tification N Person (vol				Statement for Month/Day/Ye January, 28 20			1	itle below) Vice Presic	ent l	(give (sr Marketing t Bio-Logic		ner below)
		(Street)								5.	If Amendmen Original (Month/Day/Y	t, Date	of	7.	ndividual Check Ap X For	or Jo plica m fil	int/Group Filing ble Line) ed by One Repo	rting ]	Person
	San Diego	CA	92121											Ī	Form Reporting 1		d by More than C on	One	
	(City)	(State)	(Zip)	Table I -	— Non-I	Derivativ	e Securities	s Acquiree	d, Disp	oosed o	f, or Beneficia	ally Ov	vned						
S	Title of 2. Gecurity Instr. 3)	Transaction Date		Deemed E Date, if an	Ŋ	ı 3.	Transacti (Instr. 8)	on Code	]	Dispose	es Acquired ( d of (D) , 4 and 5)	A) or	5.		ties icially d ving	6.	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		Nature of Indirect Beneficial Ownership (Instr. 4)
		(Month/Day/Year)		(Month/Da	ay/Year)		Code	V		Amoun	t (A) or (D)	Price	-						
											~ /								
				Table	II — De														
	Title of Derivative	2. Conversion o		ansaction Da	(e.g.		alls, warrar	ts, option	is, con	vertibl 4. Tra	or Beneficiall e securities)	5.	Number				5. Date Exercise		
5	Fitle of Derivative Security Instr. 3)	2. Conversion o Exercise Pric of Derivative Security	e (Mo	ansaction Da ionth/Day/Y	(e.g.	., puts, ca	alls, warrai	tts, option Execution ny	is, con	vertibl 4. Tra	e securities)	5.	Number	es Acq d of (E	uired (A) o )		5. Date Exercisa Date (Month		
5	Security	Exercise Pric of Derivative	e (Mo		(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	vertibl 4. Tra	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose	es Acq d of (E , 4 and	uired (A) o )				
( (	Security	Exercise Pric of Derivative Security 4.35	e (Mo		(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	vertibl 4. Tra (Ins	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month		Year) Expiratio
( (	Gecurity Instr. 3) Employee Stock	Exercise Pric of Derivative Security 4.35	e (Mo	onth/Day/Y	(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	4. Tra (Ins Coo	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3 (A)	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month Date Exercisable		Year) Expiratio Date
( (	Gecurity Instr. 3) Employee Stock	Exercise Pric of Derivative Security 4.35	e (Mo	onth/Day/Y	(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	4. Tra (Ins Coo	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3 (A)	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month Date Exercisable		Year) Expiratio Date
( (	Gecurity Instr. 3) Employee Stock	Exercise Pric of Derivative Security 4.35	e (Mo	onth/Day/Y	(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	4. Tra (Ins Coo	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3 (A)	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month Date Exercisable		Year) Expiratio Date
( (	Gecurity Instr. 3) Employee Stock	Exercise Pric of Derivative Security 4.35	e (Mo	onth/Day/Y	(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	4. Tra (Ins Coo	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3 (A)	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month Date Exercisable		Year) Expiratio Date
( (	Gecurity Instr. 3) Employee Stock	Exercise Pric of Derivative Security 4.35	e (Mo	onth/Day/Y	(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	4. Tra (Ins Coo	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3 (A)	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month Date Exercisable		Year) Expiratio Date
( (	Gecurity Instr. 3) Employee Stock	Exercise Pric of Derivative Security 4.35	e (Mo	onth/Day/Y	(e.g.	., puts, ca	Deemed I Date, if a	tts, option Execution ny	is, con	4. Tra (Ins Coo	e securities) nsaction Code tr. 8)	5.	Number Securiti Dispose (Instr. 3 (A)	es Acq d of (E , 4 and	uired (A) o 9) 5)		Date (Month Date Exercisable		Year) Expiratio Date

	Title and Amount of Underlying Securities (Instr. 3 and 4)			Price of Derivative Security (Instr. 5)	9.	Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10.	Ownership Form of Derivative Securities: Direct (D) or Indirect (I) (Instr. 4)	11.	Nature of Indirect Beneficial Ownership (Instr. 4)
	Title	Amount or Number of Shares	_							
	Common Stock	6,250		N/A		81,250		D		
_										
-										
_										
pl	anation of Responses: (1)	Employee Stock Options vest 1/48	Bth each 1	nonth from the date of grant	t.					
		Elizabeth So	carbrough					01/30/03		
		**Signature of Re	eporting I	Person				Date		
	Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.									
	* If the form is filed by more than one reporting person, <i>see</i> 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.										
	//www.sec.gov/divisions/co update: 09/05/2002	orpfin/forms/form4.htm								