FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

l	OMB APPROVAL										
	OMB Number:	3235-0287									
l	Estimated average burden										
l	hours por rosponso:	0.5									

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*						2. Issuer Name and Ticker or Trading Symbol INVIVO THERAPEUTICS HOLDINGS							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
PERRIN MARK D						CORP. [NVIV]							X	Director			10% Ov	vner
(Last) (First) (Middle)				_ [_	Sorai [11111]									Officer (below)	give title	e Other (s below)		specify
C/O INVIVO THERAPEUTICS HOLDINGS CORP.						3. Date of Earliest Transaction (Month/Day/Year)								CHIEF	EXECU	TIVE	E OFFICE	R.
ONE KENDALL SQUARE, SUITE B14402						12/10/2014												
			4	4. If Amendment, Date of Original Filed (Month/Day/Year)							6.	6. Individual or Joint/Group Filing (Check Applicable						
(Street)					, 3 (Line)					
CAMBRIDGE MA 02139		02139										X	- , , ,					
														Form fil Person	ed by Mor	e than	One Repor	ting
(City)	(State)	(Zip)															
		Ta	ble I - Non-D)erivati	ve Se	curitie	s Acr	nuired I	Dier	nnsed c	of or Re	neficia	lly O	wned				
1 Tide of (Caarreiter (Inc			Transacti		2A. Deem		3.							4.04	6.00	marabin	7. Nature of
Date						Execution Date,		Transaction		Dispose	4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4		I and Securities Beneficiall Owned Fo		s Formulay (D) (I) (I) (I)	Form:	m: Direct or Indirect Instr. 4)	Indirect Beneficial Ownership
					Ionth/Day/Year)		if any (Month/Day/Year		Code (Instr. 5) ar) 8)									
						Code	v	Amount	(A)	or Price	1	Reported Fransacti	ion(s)			(Instr. 4)		
								7	(D)	1	- 10	Instr. 3 a			\longrightarrow			
Common	Stock		12/10/20	/2014		A		57,14	12 A	(1)		57,142			D			
			Table II - De	rivativ	e Sec	urities	Acqı	uired, Di	spc	sed of	or Ber	eficially	/ Ow	ned				
								, option										
1. Title of	2.	3. Transaction	3A. Deemed Execution Date, r) if any (Month/Day/Year)	4.				6. Date Exe						Price of	9. Number of		10.	11. Nature
Derivative Security	Conversion or Exercise	Date (Month/Day/Year)		Code (Instr.				Expiration Date (Month/Day/Year)			of Securities Underlying		Se	rivative curity	derivative Securities	s	Ownership Form:	Beneficial
(Instr. 3)	Price of Derivative							Derivative Secu (Instr. 3 and 4)					ity (Instr. 5)		Beneficially Owned		Direct (D) or Indirect	Ownership (Instr. 4)
	Security														Following Reported		(I) (Instr. 4)
						-,						Amount	\dashv		Transaction(s) (Instr. 4)	on(s)		
								Date	_	xpiration		or Number			,			
				Code	v	(A)		Exercisable		ate	Title	of Share	s					
Stock											C							
Option (Right To Buy)	\$1.05	12/10/2014		A		500,000		(2)	13	12/10/2024	Stock	500,00	0	\$0	500,00	00	D	

Explanation of Responses:

- 1. Represents shares of common stock received as a component of an incentive bonus payment.
- 2. The option is exercisable as to 25% of the shares on the first anniversary of the date of grant, and the remaining shares vest thereafter on a monthly basis in 36 equal monthly installments.

/s/ Elizabeth W. Fraser, Attorney-in-Fact

12/11/2014

** Signature of Reporting 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, see Instruction 4 (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.

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 Number.