

Reported by BARRY JAMES J

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 07/16/14 for the Period Ending 07/14/14

Address 321 COLUMBUS AVENUE

BOSTON, MA 02116

Telephone (857) 453-6553

CIK 0001433607

Symbol NSPR

SIC Code 3841 - Surgical and Medical Instruments and Apparatus

Industry Medical Equipment & Supplies

Sector Healthcare

Fiscal Year 12/31





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

UNITED STATES SECURITIES AND EXCHANGE **COMMISSION**

Washington, D.C. 20549

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STATEMENT OF CHANGES IN 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

1. Name and Add	ress of Re	porting l	Person *	2	. Issu	ier Nam	e an	d Tic	cke	er or Ti	adiı	ng Sym				Reporting	Person(s)	to Issuer
Barry James .	J			I	nspi	ireMD	, In	ıc. []	NS	SPR]				Check ai	l applicab	oie)		
· ·					3. Date of Earliest Transaction (MM/DD/YYYY)									X Director 10% Owner				
(Zust)	(1130)	(1.110													cer (give title	e below)	Othe	er (specify
C/O INSPIRE	EMD. IN	IC. 321						7/14	/2	014				elow) E xecutiv	e VP and	COO		
COLUMBUS	,	,																
	(Street)					mendm D/YYYY)	ent,	Date	O	riginal	File	ed		5. Individ Applicable L		nt/Group l	Filing (Che	eck
BOSTON, MA	A 02116																	
(City) (State) (Zip)															m filed by One Reporting Person filed by More than One Reporting Person			
															•	•		
		Table 1	I - Non-l	Deriv	ativ	e Securi	ities	Acq	uir	ed, Di	spo	sed of,	or Be	eneficiall	y Owned			
1.Title of Security (Instr. 3)			2. Tra	ans.	2A. Deemed Execution Date, if	Co	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) Disposed of ((Instr. 3, 4 and		or Following R (Instr. 3 and		For Direction of the Di		Ownership Form: Direct (D)	m: Beneficial Ownership		
						any		Code	v	Amount	(A) or (D)	Price					or Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock				7/14/	2014			A		150000 (1)	A	\$0		15	0000		D	
Tab	le II - Dei	rivative	Securiti	es Be	nefi	cially O	wne	ed (e.	.g.	, puts	, cal	lls, war	rants	, options	, convert	ible secur	rities)	
1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed	4. Trans Code (Instr 8)	s. D Se A D	Number of derivative ecurities acquired (A) or disposed of (D) anstr. 3, 4 and						7. Title and An Securities Undo Derivative Secu (Instr. 3 and 4)		erlying lurity	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported	Ownership Form of Derivative	Beneficial
				Code	v	(A)		Date Exerci	sabl	Expir le Date	ation	Title		unt or ber of es		Transaction (s) (Instr. 4)	4)	
Stock Option (right to buy)	\$2.61	7/14/2014		A	4	150000		(2	2)	7/14/2	2024	Common Stock	on 4	150000	\$0	450000	D	

Explanation of Responses:

- (1) Represents a restricted stock award that vests in three equal annual installments, with one-third (1/3rd) vesting on July 14, 2015, 2016 and 2017, subject to Dr. Barry's continued service with the Issuer on the applicable vesting date.
- (2) The option vests in three equal annual installments, with one-third (1/3rd) vesting on July 14, 2015, 2016 and 2017, subject to Dr. Barry's continued service with the Issuer on the applicable vesting date.

Reporting Owners

Paperting Owner Name / Address	Relationships								
Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
Barry James J C/O INSPIREMD, INC 321 COLUMBUS AVENUE BOSTON, MA 02116	X		Executive VP and COO						

/s/ James J. Barry 7/16/2014

** 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 control number.