

Reported by BARRY JAMES J

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 01/31/14 for the Period Ending 01/29/14

Telephone (888) 776-6804

CIK 0001433607

Symbol NSPR

SIC Code 3841 - Surgical and Medical Instruments and Apparatus

Industry Medical Equipment, Supplies & Distribution

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 Address of Reporting Perso	n *	2. Iss	suer Name	and Tick	er or Ti	rading Sym	ibol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			uer
Barry James J		_	oireMD,			-		X Director	, ,		10% Owner	
(Last) (First) (Midd	e)	3. Da	ite of Earli	est Trans	action (MM/DD/YYY	YY)		ve title belov		ther (specify	below)
C/O INSPIREMD, INC., 800 BOYLSTON STREET, 16TH I	LOOR			1/2	29/201	4						
(Street)		4. If A	Amendme	nt, Date C	Original	Filed (MM/	DD/YYYY	6. Individual	or Joint/G	roup Filing	(Check Appl	licable Line)
BOSTON, MA 02199 (City) (State) (Zip)									X_Form filed by One Reporting Person Form filed by More than One Reporting Person			
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ıble I - Non	-Deriva	ative Secu	ırities Ac	equired	, Disposed	of, or Bo	eneficially Own	eficially Owned			
1.Title of Security (Instr. 3)	2. Trans.	Ex		3. Trans. Co (Instr. 8)	or (In	Securities Ac Disposed of (nstr. 3, 4 and 5	D) 5) or	5. Amount of Securit Following Reported (Instr. 3 and 4)			Form: Direct (D)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Table II - Deriva	tive Securi	ties Bei	neficially	Owned (<i>e.g.</i> , p	uts, calls,	warrants	, options, conve	rtible sec	eurities)		
Security Conversion or Exercise Price of Derivative	A. Deemed kecution ate, if any	Frans. Coostr. 8)		e Securities (A) or of (D)		Exercisable and on Date		Juderlying Derivative Security Security Security (Instr. 5) Beneficially Downed Security Securities For Securities Securities For Securities Securities For		10. Ownership Form of Derivative Security:	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
Security	C	ode V	V (A)	(D)	Date Exercisal	Expiration ble Date	Title	Amount or Number of Shares		Following Reported Transaction(s) (Instr. 4)	Direct (D) or Indirect (I) (Instr. 4)	
Options to Purchase \$3.10 1/29/2014 Common Stock		A	50000		(1)	1/29/2024	4 Commo Stock	50000	\$0	50000	D	

Explanation of Responses:

(1) The option is exercisable in three equal annual installments. The first installment becomes exercisable on January 29, 2015, the second installment becomes exercisable on January 29, 2016 and the third installment becomes exercisable on January 29, 2017, provided that Dr. Barry is providing services to the Issuer or its subsidiaries or affiliates on the applicable vesting date.

Reporting Owners

Reporting Owner Name / Address		Relationsh	ips	
Reporting Owner Name / Address	Director	10% Owner	Officer	Other
Barry James J C/O INSPIREMD, INC. 800 BOYLSTON STREET, 16TH FLOOR BOSTON, MA 02199	X			

Signatures

Signatures	
/s/ James Barry	1/31/2014
** 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.