

SPECTRX INC  
Form 3/A  
October 25, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â JAMES MICHAEL C		(Month/Day/Year)	SPECTRX INC [SPRX]	
(Last)	(First)	(Middle)	03/19/2007	
C/O SPECTRX, INC.,Â 4955		4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
AVALON RIDGE PKWY,		(Check all applicable)		10/23/2007
SUITE 300		___X___ Director ___ 10% Owner		6. Individual or Joint/Group Filing(Check Applicable Line)
(Street)	___ Officer ___ Other		_X_ Form filed by One Reporting Person	
NORCROSS,Â 2QÂ 30071		(give title below) (specify below)		___ Form filed by More than One Reporting Person
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

				Shares		or Indirect (I) (Instr. 5)	
Senior Secured Convertible Note Shares	Â (1)	Â (2)	Common Stock	932,518	\$ 0.65	I	See FootNote (3)
Warrants To Purchase Common Stock	Â (1)	03/12/2012	Common Stock	932,518	\$ 0.78	I	See FootNote (3)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
JAMES MICHAEL C C/O SPECTRX, INC. 4955 AVALON RIDGE PKWY, SUITE 300 NORCROSS,Â 2QÂ 30071	Â X	Â	Â	Â

## Signatures

Michael C. James, By His Attorney-In-Fact /s/ Mark L. Faupel

10/25/2007

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* 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).

(1) Immediately.

(2) None.

(3) By Kuekenhof Equity Fund, LLP and over which securities reporting person has sole dispositive and voting power. Reporting person disclaims beneficial ownership of securities reported except to the extent of his pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.