SPHERIX INC Form SC 13G November 20, 2009

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

Spherix Incorporated (Name of Issuer)

Common Stock, \$0.005 par value (Title of Class of Securities)

84842R106 (CUSIP Number)

November 16, 2009 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [ ] Rule 13d-1(b)
- [X] Rule 13d-1(c)
- [ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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(1) NAMES OF REPORTING PERSONS

Hartz Capital Investments, LLC

\_\_\_\_\_

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

	(see in	structions)	(a) [X] (b) [ ]		
(3)	SEC USE	ONLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION				
	New Jersey				
NUMBER OF	(5)	SOLE VOTING POWER 0			
SHARES					
BENEFICIALLY	(6)	SHARED VOTING POWER 685,167 shares of Common Stock			
OWNED BY					
EACH	(7)	SOLE DISPOSITIVE POWER 0			
REPORTING					
PERSON WITH:	: (8)	SHARED DISPOSITIVE POWER 685,167 shares of Common Stock			
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 685,167 shares of Common Stock				
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) [ ]				
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.76% (See Item 4)				
(12)	TYPE OF REPORTING PERSON (see instructions) OO				
CUSIP No. 84	1842R106	13G Pag	e 3 of 10 Pages		
(1)	NAMES OF REPORTING PERSONS				
	Empery	Asset Management, LP			
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) [X] (b) []				
(3)	SEC USE ONLY				
(4)	CITIZEN	SHIP OR PLACE OF ORGANIZATION			
	Delawar				
NUMBER OF	(5)	SOLE VOTING POWER 0			

SHARES					
BENEFICIALLY	(6)	SHARED VOTING POWER			
OWNED BY		770,056 shares of Common Stock			
EACH	(7)	SOLE DISPOSITIVE POWER			
REPORTING		·			
PERSON WITH:	(8)	SHARED DISPOSITIVE POWER 770,056 shares of Common Stock			
` '		TE AMOUNT BENEFICIALLY OWNED BY EACH REPO shares of Common Stock	ORTING PERSON		
		OX IF THE AGGREGATE AMOUNT  (9) EXCLUDES CERTAIN SHARES (see instruct	ions) [ ]		
E	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.35% (See Item 4)				
	TYPE OF REPORTING PERSON (see instructions) PN				
CUSIP No. 848			Page 4 of 10 Pages		
(1) N		OF REPORTING PERSONS	age 4 of 10 Pages		
(1) N	NAMES O	OF REPORTING PERSONS			
(1) P	NAMES O	Lane CHE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [X]		
(1) N  (2) C  (3) S	NAMES ORYAN M. CHECK T (see in	Lane CHE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [X]		
(1) N  (2) (2) (3) (4) (4)	NAMES ORYAN M. CHECK T (see in	Lane CHE APPROPRIATE BOX IF A MEMBER OF A GROUP structions) CONLY CONLY CONLY CONLY CONLY CONTRACT OF ORGANIZATION	(a) [X]		
(1) N  (2) C  (3) S  (4) C	NAMES O Ryan M CHECK T (see in SEC USE CITIZEN Jnited	Lane THE APPROPRIATE BOX IF A MEMBER OF A GROUP ISTRUCTIONS)  CONLY  SHIP OR PLACE OF ORGANIZATION  States  SOLE VOTING POWER	(a) [X]		
(1) N  (2) C  (3) S  (4) C	NAMES O Ryan M CHECK T (see in SEC USE CITIZEN Jnited	Lane CHE APPROPRIATE BOX IF A MEMBER OF A GROUP structions) CONLY CONLY CONLY CONLY CONTRACT OF ORGANIZATION  States	(a) [X]		
(1) N  (2) (2) (3) S  (4) (4) (7) (4) NUMBER OF  SHARES	NAMES ORYAN M. CHECK T (see in CHECK T CITIZEN United (5)	Lane THE APPROPRIATE BOX IF A MEMBER OF A GROUP ISTRUCTIONS)  CONLY  SHIP OR PLACE OF ORGANIZATION  States  SOLE VOTING POWER	(a) [X]		
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(1) N  (2) (2)  (3) S  (4) (4)  NUMBER OF  SHARES  BENEFICIALLY	NAMES ORYAN M. CHECK T (see in CITIZEN United (5) (6)	Lane CHE APPROPRIATE BOX IF A MEMBER OF A GROUP structions) CONLY CHISTIP OR PLACE OF ORGANIZATION States SOLE VOTING POWER O SHARED VOTING POWER	(a) [X]		

770,056 shares of Common Stock (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 770,056 shares of Common Stock \_\_\_\_\_\_ (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.35% (See Item 4) (12) TYPE OF REPORTING PERSON (see instructions) CUSIP No. 84842R106 13G Page 5 of 10 Pages \_\_\_\_\_\_ (1) NAMES OF REPORTING PERSONS Martin D. Hoe \_\_\_\_\_\_ (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) [X] (b) [ ] (3) SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION (4) United States \_\_\_\_\_\_ (5) SOLE VOTING POWER 0 SHARES BENEFICIALLY (6) SHARED VOTING POWER 770,056 shares of Common Stock OWNED BY (7) SOLE DISPOSITIVE POWER EACH 0 REPORTING \_\_\_\_\_\_ PERSON WITH: (8) SHARED DISPOSITIVE POWER 770,056 shares of Common Stock (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 770,056 shares of Common Stock (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see instructions) \_\_\_\_\_\_ (11) PERCENT OF CLASS REPRESENTED

BY AMOUNT IN ROW (9)

5.35% (See Item 4)

\_\_\_\_\_

(12) TYPE OF REPORTING PERSON (see instructions)
IN

\_\_\_\_\_

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Item 1.

(a) Name of Issuer

Spherix Incorporated, a Delaware corporation (the "Company")

(b) Address of Issuer's Principal Executive Offices

6430 Rockledge Drive, Suite 503 Bethesda, MD 20817

Item 2(a). Name of Person Filing

This statement is filed by the entities and persons listed below, who are collectively referred to herein as "Reporting Persons," with respect to the shares of Common Stock (as defined in Item 2(d) below) of the Company:

#### MANAGED ACCOUNT

(i) Hartz Capital Investments, LLC with respect to the shares of Common Stock held by it in an account managed by the Investment manager (as defined below) (the "Managed Account").

#### INVESTMENT MANAGER

(ii) Empery Asset Management, LP (the "Investment Manager"), with respect to the shares of Common Stock held by the Managed Account and certain funds to which the Investment Manager serves as investment manager (collectively, the "Empery Funds").

## REPORTING INDIVIDUALS

- (iii) Mr. Ryan M. Lane ("Mr. Lane"), with respect to the shares of Common Stock held by the Managed Account and the Empery Funds.
- (iv) Mr. Martin D. Hoe ("Mr. Hoe"), with respect to the shares of Common Stock held by the Managed Account and the Empery Funds.

The Investment Manager serves as the investment manager to each of the Managed Account and the Empery Funds. Each of the Reporting Individuals is a Managing Member of Empery AM GP, LLC (the "General Partner"), the general partner of the Investment Manager.

Item 2(b). Address of Principal Business Office or, if none, Residence

The address of the principal business office of each of the Reporting Persons is:

120 Broadway, Suite 1019 New York, New York 10271

Item 2(c). Citizenship

Citizenship is set forth in Row 4 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person.

Item 2(d) Title of Class of Securities

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Common Stock, \$0.005 par value (the "Common Stock")

Item 2(e) CUSIP Number

84842R106

Item 3. If this statement is filed pursuant to ss.ss.240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) [ ] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780).
- (b) [ ] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) [ ] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) [ ] Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) [ ] An investment adviser in accordance with ss.240.13d-1(b)(1)(ii)(E);
- (f) [ ] An employee benefit plan or endowment fund in accordance with ss.240.13d-1(b)(1)(ii)(F);
- (g) [ ] A parent holding company or control person in accordance with ss.240.13d-1(b)(1)(ii)(G);
- (h) [ ] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) [ ] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) [ ] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

#### Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

The information as of the filing date required by Items 4(a) - (c) is set forth

in Rows 5 - 11 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person. The Company's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2009 filed on November 16, 2009 indicates that the total number of outstanding shares of Common Stock as of November 2, 2009 is 14,389,778. The percentages set forth on Row 11 of the cover page for each Reporting Person is based on the Company's outstanding shares of Common Stock.

In addition to the reported shares of Common Stock, (i) the Managed Account holds Warrants to purchase 491,304 shares of Common Stock and (ii) certain funds managed by the Investment Manager hold Warrants to purchase 60,870 shares of Common Stock. However, pursuant to the terms of these warrants, the Reporting Persons cannot exercise any of these warrants until such time as the Reporting Persons would not beneficially own, after any such exercise, more than 4.99% of the outstanding shares of Common Stock.

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The Investment Manager, which serves as the investment manager to the Managed Account and the Empery Funds, may be deemed to be the beneficial owner of all shares of Common Stock owned by the Managed Account and the Empery Funds. Each of the Reporting Individuals, as Managing Members of the General Partner of the Investment Manager with the power to exercise investment discretion, may be deemed to be the beneficial owner of all shares of Common Stock owned by the Managed Account and the Empery Funds. Each of the Investment Manager and the Reporting Individuals hereby disclaims any beneficial ownership of any such shares of Common Stock, except for their pecuniary interest therein.

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company

Not applicable.

Item 8. Identification and Classification of Members of the Group

See Exhibit I.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired

and are not held in connection with or as a participant in any transaction having that purpose or effect.

#### Exhibits:

Exhibit I: Joint Filing Agreement, dated as of November 20, 2009, by and among Hartz Capital Investments, LLC, Empery Asset Management, LP, Ryan M. Lane and Martin D. Hoe.

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#### SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: November 20, 2009

EMPERY ASSET MANAGEMENT, LP

HARTZ CAPITAL INVESTMENTS, LLC

Partner

By: EMPERY AM GP, LLC, its General By: EMPERY ASSET MANAGEMENT, LP, its

Authorized Agent

By: EMPERY AM GP, LLC, its General

Partner

By: /s/ Ryan M. Lane

Name: Ryan M. Lane

Title: Managing Member

By: /s/ Ryan M. Lane

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Name: Ryan M. Lane Title: Managing Member

/s/ Martin D. Hoe

/s/ Ryan M. Lane

MARTIN D. HOE RYAN M. LANE

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### EXHIBIT I

### JOINT FILING AGREEMENT

This will confirm the agreement by and among the undersigned that the Schedule 13G filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the common stock, par value \$0.005 per share of Spherix Incorporated is being filed, and all amendments thereto will be filed, on behalf of each of the persons and

entities named below in accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Dated: November 20, 2009

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EMPERY ASSET MANAGEMENT, LP HARTZ CAPITAL INVESTMENTS, LLC

By: EMPERY AM GP, LLC, its General By: EMPERY ASSET MANAGEMENT, LP, its

Partner Authorized Agent

By: EMPERY AM GP, LLC, its General

By: /s/ Ryan M. Lane Partner

Name: Ryan M. Lane

Title: Managing Member By: /s/ Ryan M. Lane

Name: Ryan M. Lane Title: Managing Member

/s/ Martin D. Hoe /s/ Ryan M. Lane

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MARTIN D. HOE RYAN M. LANE