BOVIE MEDICAL CORP Form SC 13G/A March 05, 2010

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

Bovie Medical Corp.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

032347205

(CUSIP Number)

December 31, 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:

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose 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).

^{*} 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.

CUSIP 032347205 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 RENAISSANCE US GROWTH INVESTMENT TRUST PLC 00-0000000 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 United Kingdom **SOLE VOTING POWER** 5 N/A NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 427,500(1) **EACH REPORTING** SOLE DISPOSITIVE POWER PERSON WITH: 7 N/A SHARED DISPOSITIVE POWER 8 427,500 (1) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

427,500

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

10

2.5%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IV, IV

FOOTNOTES

(1) Renaissance US Growth Investment Trust PLC ("RUSGIT") is the record owner and beneficial owner of 427,500 shares of the common stock of Bovie Medical Corp. RUSGIT shares voting and dispositive power over their respective shares with RENN Capital Group, Inc. ("RENN") pursuant to an investment advisory agreement. Mr. Cleveland may be deemed to be the beneficial owner of the shares of common stock. Mr. Cleveland disclaims such beneficial ownership.

CUSIP 032347205 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 Global Special Opportunities Trust PLC 00-0000000 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 England and Wales **SOLE VOTING POWER** 5 N/A NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 270,242 (2) **EACH REPORTING** SOLE DISPOSITIVE POWER PERSON WITH: 7 N/A SHARED DISPOSITIVE POWER 8 270,242 (2) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

270,242

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

10

1.58%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IV, IV

FOOTNOTES

(2) Global Special Opportunities Trust PLC ("GSOT") is the record owner and beneficial owner of 270,242 shares of the common stock of Bovie Medical Corp. GSOT shares voting and dispositive power over their respective shares with RENN Capital Group, Inc. ("RENN") pursuant to an investment advisory agreement. Mr. Cleveland may be deemed to be the beneficial owner of the shares of common stock. Mr. Cleveland disclaims such beneficial ownership.

CUSIP 032347205 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 RENN Global Entrepreneurs Fund Inc 75-2533518 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 Texas **SOLE VOTING POWER** 5 N/A NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 950,000 (3) **EACH** REPORTING SOLE DISPOSITIVE POWER PERSON WITH: 7 N/A SHARED DISPOSITIVE POWER 8 950,000 (3) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9

950,000

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

10

5.56%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IV, IV

FOOTNOTES

(3) RENN Global Entrepreneurs Fund, Inc. ("RENN Global") is the record owner and beneficial owner of 950,000 shares of the common stock of Bovie Medical Corp. RENN Global shares voting and dispositive power over their respective shares with RENN Capital Group, Inc. ("RENN") pursuant to an investment advisory agreement. Mr. Cleveland is the president of RENN and may be deemed to be the beneficial owner of the shares of common stock. Mr. Cleveland disclaims such beneficial ownership.

CUSIP 032347205 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 **RENN Capital Group Inc** 75-2053968 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 Texas **SOLE VOTING POWER** 5 N/A NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 1,647,742 (4) **EACH** REPORTING SOLE DISPOSITIVE POWER PERSON WITH: 7 N/A SHARED DISPOSITIVE POWER 8 1,647,742 (4) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9

1,647,742

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

10

9.64%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IV, IV

FOOTNOTES

(4) GSOT, RUSGIT and RENN Global are the record owners of the common stock of Bovie Medical Corp. They share voting and dispositive power over their respective shares with RENN Capital Group, Inc. ("RENN") pursuant to an investment advisory agreement. Mr. Cleveland is the President of RENN and may be deemed to be the beneficial owner of the shares of common stock. Mr. Cleveland disclaims such beneficial ownership.

CUSIP 032347205 No. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 Russell Cleveland 00-000000 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 Texas **SOLE VOTING POWER** 5 N/A NUMBER OF SHARED VOTING POWER **SHARES** BENEFICIALLY 6 **OWNED BY** 1,647,742 (4) **EACH** REPORTING SOLE DISPOSITIVE POWER PERSON WITH: 7 N/A SHARED DISPOSITIVE POWER 8 1,647,742 (4) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9

1,647,742

CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

10

9.64%

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

12

IV, IV

FOOTNOTES

(4) GSOT, RUSGIT and RENN Global are the record owners of the common stock of Bovie Medical Corp. They share voting and dispositive power over their respective shares with RENN Capital Group, Inc. ("RENN") pursuant to an investment advisory agreement. Mr. Cleveland is the President of RENN and may be deemed to be the beneficial owner of the shares of common stock. Mr. Cleveland disclaims such beneficial ownership.

Item 1.					
	(a)	Name of Issuer Bovie Medical Corp.			
	(b) 734 W	Address of Issuer's Principal Executive Offices ALT WHITMAN RD., MELVILLE, NEW YORK 11747			
Item 2.					
	(a)	Name of Person Filing Renaissance US Growth Investment Trust PLC Global Special Opportunities Trust PLC RENN Global Entrepreneurs Fund Inc RENN Capital Group Inc Russell Cleveland			
(dress of Principal Business Office or, if none, Residence N Capital Group Inc Central Expressway, Suite 210, LB-59, Dallas, TX 75206				
	(c)	Citizenship United Kingdom, England and Wales US, Texas			
(d)		Title of Class of Securities Common Stock			
	(e)	CUSIP Number 032347205			
Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:					
(a)	o Broker o	or dealer registered under section 15 of the Act (15 U.S.C. 78o).			
(b)	o I	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).			
(c)	o Insurance co	mpany as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).			
(d) o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).					
(e)	o An	investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);			
(f) o	An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);				
(g) o	A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);				

(h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

- (i) o 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) o A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J).
- (k) o A group, in accordance with \$ 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with \$ 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

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.					
	(a)	Amount beneficially owned: NaN			
	(b)	Percent of class: 2.50, 1.58, 5.56, 9.64			
	(c)	Number of shares as to which the person has:			
	(i)	Sole power to vote or to direct the vote: 0			
	(ii)	Shared power to vote or to direct the vote: NaN			
	(iii)	Sole power to dispose or to direct the disposition of: 0			
	(iv)	Shared power to dispose or to direct the disposition of: NaN			
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 o .					
N/A					
Item 6.	m 6. Ownership of More than Five Percent on Behalf of Another Person.				
N/A					
Item 7.	17. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company				
N/A					
Item 8.	Identification and Classification of Members of the Group				
N/A					
Item 9.	Notice of Dissolution of Group				
N/A					

Item Certification 10.

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Renaissance US Growth Investment Trust PLC

Date: March 05, 2010 By: /s/ Russell Cleveland

Name: Russell Cleveland

Title: Director

Global Special Opportunities Trust PLC

Date: March 05, 2010 By: /s/ Russell Cleveland

Name: Russell Cleveland Title: US Portfolio Manager

RENN Global Entrepreneurs Fund Inc

Date: March 05, 2010 By: /s/ Russell Cleveland

Name: Russell Cleveland

Title: President, CEO, Director

RENN Capital Group Inc

Date: March 05, 2010 By: /s/ Russell Cleveland

Name: Russell Cleveland Title: President & CEO

Date: March 05, 2010	By:	/s/ Russell Cleveland
		Name: Russell Cleveland

Title:

Footnotes:

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)