BOVIE MEDICAL CORP Form 10-K/A November 30, 2009

U.S. SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-K/A (Amendment No. 3)

x ANNUAL REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2008 Commission file number 0-12183

BOVIE MEDICAL CORPORATION

(Exact name of registrant as specified in its charter)

Delaware No. (State or other jurisdiction of incorporation or organization) 11-2644611 (IRS Employer Identification No.)

734 Walt Whitman Rd., Melville, New York 11747 (Address of principal executive offices)

(631) 421-5452 (Issuer's telephone number)

Title of each Class Common Stock, \$.001 Par Value Name of each Exchange on which registered NYSE Euronext (AMEX) Market

Securities registered under Section 12(g) of the Exchange Act None

Indicate by check mark if the Company is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes: o No x

Indicate by check mark if the Company is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

Yes: o No x

Indicate by check mark whether the registrant (I) filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act of 1934 during the past 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes x No "

Indicate by checkmark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K."

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a small reporting company. See definition of "large accelerated filer", "accelerated filer" and "small reporting company" in Rule 12b-2 of the Exchange Act (Check one):

Large accelerated filer " Accelerated filer x Non-accelerated filer " Small reporting company "

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes $\ddot{}$ No x

The aggregate market value of the voting stock held by non-affiliates computed by reference to the price at which the stock was sold, or the average bid and asked prices of such stock, as of March 2, 2009 was approximately \$101,800,000

The number of shares of the registrant's \$.001 par value common stock outstanding on the NYSE Alternext Exchange as of March 2, 2009 was 16,987,698

Company Symbol-BVX and Company SIC (Standard Industrial Code)-3841

EXPLANATORY NOTE

We are filing this Amendment No. 3 (the "Amendment") on Form 10-K/A to our Annual Report on Form 10-K for the year ended December 31, 2008, to update our list of exhibits and the re-filing of certain exhibits that are the subject of Confidential Treatment Applications.

Except as described above and description of items previously amended in our 10-K/A Amendment No. 1 and 10K/A Amendment No. 2, no other amendments have been made to the 10-K. All other informational disclosure items of the 10-K as amended are unaffected by this Amendment. This Amendment does not reflect events occurring after March 13, 2009 or modify or update the disclosure contained in the Form 10K as originally filed, in any way other than as required to reflect the revisions discussed above.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, in Clearwater, Florida on November 30, 2009.

Bovie Medical Corporation

By: /s/ ANDREW MAKRIDES Andrew Makrides President Chairman of the Board

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, in Clearwater, Florida on November 30, 2009.

Bovie Medical Corporation

By: /s/ GARY D. PICKETT Gary D. Pickett Chief Financial Officer, Treasurer, and Secretary

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Name	Title	Date
Principal Executive Officer:		
/s/ ANDREW MAKRIDES Andrew Makrides	Chief Executive Officer and Chairman of the Board	November 30, 2009
Principal Financial Officer:		
/s/ GARY D. PICKETT Gary D. Pickett	Chief Financial Officer, Treasurer, and Secretary	November 30, 2009
Directors:		
/s/ J. ROBERT SARON J. Robert Saron	President of Aaron Medical Industries, Inc. and Director	November 30, 2009
/s/ GEORGE KROMER George Kromer	Director	November 30 , 2009
/s/ MICHAEL NORMAN Michael Norman	Director	November 30, 2009

/s/ AUGUST LENTRICCHIA August Lentricchia	Director	November 30, 2009
Steve Livneh a	President of Bovie Canada and Director	November 30, 2009
/s/ STEVEN MACLAREN Steven MacLaren	Director	November 30, 2009
/s/ DR. PETER PARDOLL Dr. Peter Pardoll	Director	November 30, 2009
/s/ Gregory A. Konesky Gregory A. Konesky	Director	November 30, 2009

EXHIBIT INDEX

Exhibit 10.2	2 Original Equipment Manufacturer Agreement between Arthrex, Inc.	
	and Bovie Medical Corp. dated as of June, 2002. ***	
Exhibit	Consulting and Intellectual Property Assignment Agreement dated	
10.11*	January 12, 2006 among Bovie, Henvil Corp. Ltd and Steve Livneh.	
Exhibit	Distribution Agreement between Bovie Medical Corporation and	
10.12	Boston Scientific dated October 6, 2006 amended and as re-filed,	
	inclusive of Exhibit A**	
Exhibit	First Amendment to Distribution Agreement between Boston	
10.13	Scientific Corporation and Bovie Medical Corporation August 23,	
	2007, as re-filed. **	
Exhibit	Termination Purchase and License Agreement between Boston	
10.14	Scientific Corporation and Bovie Medical Corporation dated April 29, 2008 as amended and re-filed, inclusive of Exhibit A.**	
Exhibit	Asset Purchase Agreement dated as of October 2, 2006 between Bovie	
10.15*	Medical Corporation and Lican Developments, Ltd as re-filed,	
	inclusive of Exhibit A, B, C and D.	
Exhibit	First Amendment to Manufacturing and Development Agreement	
10.16*	dated August 24, 2007 between Bovie Medical Corporation and	
	Arthrex, Inc. **	
Exhibit	First Amendment to OEM Agreement between Arthrex, Inc. and Bovie	
10.17*	Medical Corp. dated as of July, 2007.	
Exhibit	Amended Employment Agreement dated January 15, 2006 between	
10.18*	Bovie Medical Corporation and Andrew Makrides.	
Exhibit	Amended Employment Agreement dated January 15, 2006 between J.	
10.19*	Robert Saron and Bovie Medical Corporation.	
Exhibit	Amended Employment Agreement dated January 15, 2006 between	
10.20*	Moshe Citronowicz and Bovie Medical Corporation	
Exhibit	Employment Agreement dated June 18, 2007 between Bovie Medical	
10.21*	Corporation and Gary Pickett.	
Exhibit	Employment Agreement dated October 2, 2006 between Steve Livneh	
10.22*	and Bovie Medical Corporation.	
Exhibit	Amendment to Consulting and Intellectual Property Assignment	
10.23*	Agreement dated June 22, 2006 among Bovie, Henvil Corp. Ltd and	
	Steve Livneh.	
	Certification pursuant to Section 302 of Sarbanes-Oxley Act of 2002.	
Exhibit 31.2 Certification pursuant to Section 302 of Sarbanes-Oxley Act of 2002.		
Exhibit 32.1 Certification pursuant to Section 906 of Sarbanes-Oxley Act of 2002.		
Exhibit 32.2	2 Certification pursuant to Section 906 of Sarbanes-Oxley Act of 2002.	

^{*} Previously filed.

^{**}Subject to a confidential treatment application made by the Company.

^{***} Subject to a previous Confidential Treatment application which has been withdrawn; and agreement is re-filed in its entirety without redactions.