

BIO KEY INTERNATIONAL INC  
Form 10-Q  
August 15, 2011

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

FORM 10-Q

QUARTERLY REPORT UNDER SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended June 30, 2011

or

TRANSITION REPORT UNDER SECTION 13 OR 15(D) OF THE EXCHANGE ACT

For the Transition Period from                      to

Commission file number 1-13463

BIO-KEY INTERNATIONAL, INC.

(Exact Name of Registrant as Specified in Its Charter)

DELAWARE

41-1741861

(State or Other Jurisdiction of  
Incorporation of Organization)

(IRS Employer  
Identification Number)

3349 HIGHWAY 138, BUILDING D, SUITE B, WALL, NJ 07719

(Address of Principal Executive Offices)

(732) 359-1100

(Issuer's Telephone Number)

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 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  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer       Accelerated filer       Non-accelerated filer       Smaller Reporting Company

Indicate by check mark whether the registrant is a shell company (as defined by rule 12b-2 of the Exchange Act) Yes  No

Number of shares of Common Stock, \$.0001 par value per share, outstanding as of August 12, 2011 was 78,155,413.

BIO-KEY INTERNATIONAL, INC.

INDEX

PART I. FINANCIAL INFORMATION

Item 1	—	Condensed Consolidated Financial Statements	
		Balance sheets as of June 30, 2011 (unaudited) and December 31, 2010	3
		Statements of operations for the three and six months ended June 30, 2011 and 2010 (unaudited)	4
		Statements of cash flows for the six months ended June 30, 2011 and 2010 (unaudited)	5
		Notes to condensed consolidated financial statements	7
Item 2	—	Management's Discussion and Analysis of Financial Conditions and Results of Operations	14
Item 4	—	Controls and Procedures	23

PART II. OTHER INFORMATION

Item 6	—	Exhibits	23
Signatures			24

## PART I -- FINANCIAL INFORMATION

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY  
CONDENSED CONSOLIDATED BALANCE SHEETS

	June 30, 2011 (Unaudited)	December 31, 2010
<b>ASSETS</b>		
Cash and cash equivalents	\$38,029	\$1,010,096
Accounts receivable, net of allowance for doubtful accounts of \$11,526 at June 30, 2011 and December 31, 2010	1,735,389	351,093
Note receivable, current portion	-	2,167,000
Inventory	6,230	9,775
Prepaid expenses and other	88,227	188,916
Total current assets	1,867,875	3,726,880
Equipment and leasehold improvements, net	66,168	28,128
Deposits and other assets	8,712	8,712
Note receivable, net of current portion	-	1,333,000
Intangible assets—less accumulated amortization	212,815	218,450
Total non-current assets	287,695	1,588,290
<b>TOTAL ASSETS</b>	<b>\$2,155,570</b>	<b>\$5,315,170</b>
<b>LIABILITIES</b>		
Accounts payable	\$497,646	\$180,413
Accrued liabilities	562,660	1,079,117
Deferred revenue	494,686	281,393
Current portion of notes payable	-	2,098,139
Total current liabilities	1,554,992	3,639,062
Long term portion of notes payable	346,428	1,102,492
Deferred revenue	2,640	4,281
Total non-current liabilities	349,068	1,106,773
<b>TOTAL LIABILITIES</b>	<b>1,904,060</b>	<b>4,745,835</b>
<b>Commitments and contingencies</b>		
<b>STOCKHOLDERS' EQUITY:</b>		
Common stock — authorized, 170,000,000 shares; issued and outstanding; 78,155,413 of \$.0001 par value at June 30, 2011 and December 31, 2010	7,815	7,815
Additional paid-in capital	50,991,931	50,955,602
Accumulated deficit	(50,748,236 )	(50,394,082 )
<b>TOTAL STOCKHOLDERS' EQUITY</b>	<b>251,510</b>	<b>569,335</b>
<b>TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY</b>	<b>\$2,155,570</b>	<b>\$5,315,170</b>

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.



**BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS**  
(Unaudited)

	Three months ended June 30,		Six months ended June 30,	
	2011	2010	2011	2010
<b>Revenues</b>				
Services	\$ 150,627	\$ 112,345	\$ 308,972	\$ 204,388
License fees and other	833,526	1,320,706	2,080,294	2,204,838
	984,153	1,433,051	2,389,266	2,409,226
<b>Costs and other expenses</b>				
Cost of services	31,329	19,760	65,815	50,188
Cost of license fees and other	261,247	84,081	341,633	163,753
	292,576	103,841	407,448	213,941
Gross Profit	691,577	1,329,210	1,981,818	2,195,285
<b>Operating Expenses</b>				
Selling, general and administrative	638,260	897,442	1,347,964	1,597,462
Research, development and engineering	287,356	275,135	583,906	559,924
	925,616	1,172,577	1,931,870	2,157,386
Operating profit (loss)	(234,039 )	156,633	49,948	37,899
<b>Other income (expenses)</b>				
Interest income	30,898	60,953	95,030	120,952
Interest expense	(291,083 )	(164,347 )	(399,132 )	(327,083 )
Net discounts of notes payable and note receivable	(100,000 )	-	(100,000 )	-
Derivative and warrant fair value adjustments	-	190,577	-	977,287
	(360,185 )	87,183	(404,102 )	771,156
(Loss) income from continuing operations	(594,224 )	243,816	(354,154 )	809,055
Income (loss) from discontinued operations	-	(9,050 )	-	426,269
Net income (loss)	\$(594,224 )	\$234,766	\$(354,154 )	\$1,235,324
<b>Basic Earnings per Common Share:</b>				
(Loss) income from continuing operations	\$(0.01 )	\$0.00	\$0.00	\$0.01
Income (loss) from discontinued operations	-	0.00	-	0.00
Net income (loss)	\$(0.01 )	\$0.00	* \$0.00	* \$0.01
<b>Diluted Earnings per Common Share:</b>				
(Loss) income from continuing operations	\$(0.01 )	\$0.00	* \$0.00	* \$0.00
<b>Weighted Average Shares Outstanding:</b>				
Basic	78,155,413	77,713,398	78,155,413	77,713,398
Diluted	78,155,413	90,976,643	78,155,413	91,094,752

\* Represents less than \$0.01

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY  
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
(Unaudited)

	Six Months Ended June 30,	
	2011	2010
<b>CASH FLOW FROM OPERATING ACTIVITIES:</b>		
Net income (loss)	\$(354,154 )	\$1,235,324
Less:		
Income from discontinued operations	-	(426,269 )
Income (loss) from continuing operations	(354,154 )	809,055
Adjustments to reconcile net income (loss) to cash used in operating activities:		
Derivative and warrant fair value adjustments	-	(977,287 )
Depreciation	14,764	12,881
Amortization		
Intangible assets	5,635	5,959
Discount on convertible debt related to derivatives	-	326,901
Discount on secured debt	307,932	-
Net discounts of notes payable and note receivable	100,000	-
Share-based compensation	36,329	25,747
Change in assets and liabilities:		
Accounts receivable trade	(1,384,296 )	(1,076,496 )
Inventory	3,545	2,228
Prepaid expenses and other	100,689	(36,877 )
Accounts payable	317,233	112,982
Accrued liabilities	108,752	(81,726 )
Deferred revenue	211,652	125,346
Net cash used for continuing operations	(531,919 )	(751,287 )
Net provided by discontinued operations	-	427,668
Net cash used for operating activities	(531,919 )	(323,619 )
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Capital expenditures	(52,804 )	(4,982 )
Transfer of funds from restricted cash	-	40,500
Net cash provided by (used for) investing activities	(52,804 )	35,518
<b>CASH FLOW FROM FINANCING ACTIVITIES:</b>		
Repayment of notes payable	(3,612,135 )	-
Proceeds from payment of note receivable	3,350,000	-
Dividends paid	(125,209 )	-
Net cash used for financing activities	(387,344 )	-
<b>NET DECREASE IN CASH AND CASH EQUIVALENTS</b>	<b>(972,067 )</b>	<b>(288,101 )</b>
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD</b>	<b>1,010,096</b>	<b>792,426</b>
<b>CASH AND CASH EQUIVALENTS, END OF PERIOD</b>	<b>\$38,029</b>	<b>\$504,325</b>



BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY  
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
(Unaudited)

SUPPLEMENTARY DISCLOSURES OF CASH FLOW INFORMATION

	Six Months Ended June 30,	
	2011	2010
Cash paid for:		
Interest	\$80,286	\$-

The accompanying notes to the condensed consolidated financial statements are an integral part of these statements.

BIO-KEY INTERNATIONAL, INC. AND SUBSIDIARY

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

June 30, 2011 (Unaudited)

1. BASIS OF PRESENTATION

The accompanying unaudited interim condensed consolidated financial statements include the accounts of BIO-key International, Inc. and its wholly owned subsidiary (collectively, the “Company”) and are stated in conformity with accounting principles generally accepted in the United States of America, pursuant to the rules and regulations of the Securities and Exchange Commission (the “SEC”). The operating results for interim periods are not necessarily indicative of results that may be expected for any other interim period or for the full year. Pursuant to such rules and regulations, certain financial information and footnote disclosures normally included in the financial statements have been condensed or omitted. Significant intercompany accounts and transactions have been eliminated in consolidation.

In the opinion of management, the accompanying unaudited interim consolidated financial statements contain all necessary adjustments, consisting only of those of a recurring nature, and disclosures to present fairly the Company’s financial position and the results of its operations and cash flows for the periods presented. The balance sheet at December 31, 2010 was derived from the audited financial statements, but does not include all of the disclosures required by accounting principles generally accepted in the United States of America. These unaudited interim condensed consolidated financial statements should be read in conjunction with the financial statements and the related notes thereto included in the Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2010 (the “Form 10-K”), filed on March 23, 2011.

Recently Issued Accounting Pronouncements

On January 1, 2011, the Company adopted Accounting Standards Update “ASU” 2010-20, “Receivables (Topic 310): Disclosures about the Credit Quality of Financing Receivables and the Allowance for Credit Losses.” ASU 2010-20 is intended to provide additional information to assist financial statement users in assessing an entity’s risk exposures and evaluating the adequacy of its allowance for credit losses. The disclosures as of the end of a reporting period and the disclosures about activity that occurs during a reporting period are effective for interim and annual reporting periods ending on or after December 15, 2010. The amendments in ASU 2010-20 encourage, but do not require, comparative disclosures for earlier reporting periods that ended before initial adoption. However, an entity should provide comparative disclosures for those reporting periods ending after initial adoption. The adoption of ASU 2010-20 did not have a significant impact on its consolidated financial statements.

On January 1, 2011, The Company adopted ASU 2010-17 “Revenue Recognition-Milestone Method (Topic 605): Milestone Method of Revenue Recognition.” The amendments in this Update are effective on a prospective basis for milestones achieved in fiscal years, and interim periods within those years, beginning on or after June 15, 2010. The adoption of ASU 2010-17 did not have a significant impact on its consolidated financial statements.

On January 1, 2011, the Company adopted ASU 2009-13 “Multiple Element Arrangements.” ASU 2009-13 addresses the determination of when the individual deliverables included in a multiple arrangement may be treated as separate units of accounting. ASU 2009-13 also modifies the manner in which the transaction consideration is allocated across separately identified deliverables and establishes definitions for determining fair value of elements in an arrangement. This standard must be adopted by the Company no later than January 1, 2011 with earlier adoption permitted. The adoption of ASU 2010-13 did not have a significant impact on its consolidated financial statements.

Management does not believe that any other recently issued, but not yet effective, accounting standard if currently adopted would have a material effect on the accompanying consolidated financial statements.

## 2. LIQUIDITY AND CAPITAL RESOURCE MATTERS

We have incurred significant losses to date, and at June 30, 2011, we had an accumulated deficit of approximately \$51 million. In addition, broad commercial acceptance of our technology is critical to the Company's success and ability to generate future revenues. At June 30, 2011, our total cash and cash equivalents were approximately \$38,000, as compared to approximately \$1,010,000 at December 31, 2010.

As discussed below, the Company has financed itself in the past through access to the capital markets by issuing secured and convertible debt securities, as well as convertible preferred stock and common stock. We currently require approximately \$400,000 per month to conduct our operations. During 2010, we generated approximately \$3,500,000 of revenue. While the Company expects to increase revenue throughout 2011, there can be no assurance that we will achieve this goal.

If we are unable to generate sufficient revenue to meet our goals, we will need to obtain additional third-party financing to (i) conduct the sales, marketing and technical support necessary to execute our plan to substantially grow operations, increase revenue and serve a significant customer base; and (ii) provide working capital. Therefore, we may need to obtain additional financing through the issuance of debt or equity securities, or to restructure our financial position through similar transactions to those consummated during the 2009 to 2010 period.

Due to several factors, including our history of losses and limited revenue, our independent auditors have included an explanatory paragraph in opinions they have previously issued related to our annual financial statements as to the substantial doubt about our ability to continue as a going concern. Our long-term viability and growth will depend upon the successful commercialization of our technologies and our ability to obtain adequate financing. To the extent that we require such additional financing, no assurance can be given that any form of additional financing will be available on terms acceptable to us, that adequate financing will be obtained to meet our needs, or that such financing would not be dilutive to existing stockholders. If available financing is insufficient or unavailable or if we fail to continue to generate meaningful revenue, we may be required to further reduce operating expenses, delay the expansion of operations, be unable to pursue merger or acquisition candidates, or continue as a going concern.

## 3. DISCONTINUED OPERATIONS

On December 8, 2009, the Company consummated the sale (the "Asset Sale") of its Law Enforcement division (the "Business") to InterAct911 Mobile Systems, Inc. ("Buyer"), a wholly-owned subsidiary of InterAct911 Corporation (the "Parent"), pursuant to the Asset Purchase Agreement dated as of August 13, 2009 by and between the Company and Buyer (the "Purchase Agreement").

During the three and six months ended June 30, 2010, the Company recorded revenue of approximately \$0 and \$483,000, respectively, from a contract delivered under our arrangement with the Buyer which was reduced by expenses for professional fees. Income (loss) from discontinued operations totaled approximately (\$9,000) and \$426,000 for the three and six months ended June 30, 2010, respectively. The Company does not expect any additional income from discontinued operations in the future.

## 4. SHARE BASED COMPENSATION

The following table presents share-based compensation expenses for continuing operations included in the Company's unaudited condensed interim consolidated statements of operations:

	Three Months Ended June 30, 2011	Three Months Ended June 30, 2010
Selling, general and administrative	\$ 2,064	\$ 5,462
Research, development and engineering	7,127	8,795
	\$ 9,191	\$ 14,257

	Six Months Ended June 30, 2011	Six Months Ended June 30, 2010
Selling, general and administrative	\$ 6,160	\$ 10,810
Research, development and engineering	30,169	14,937
	\$ 36,329	\$ 25,747

## Stock Option Activity

During the three months ended June 30, 2011, the Company granted options to purchase 945,000 shares to employees. The options granted have a seven-year term, an exercise price of \$0.14 per share and vest over three years.

## 5. EARNINGS (LOSS) PER SHARE COMMON STOCK ("EPS")

The Company's basic EPS is calculated using net income (loss) available to common shareholders and the weighted-average number of shares outstanding during the reporting period. Diluted EPS includes the effect from potential issuance of common stock, such as stock issuable pursuant to the exercise of stock options and warrants and the assumed conversion of convertible notes and preferred stock.

The reconciliation of the numerators of the basic and diluted EPS calculations, due to the inclusion of preferred stock dividends and accretion was as follows for both of the following three and six month periods ended June 30:

	Three Months ended June 30,		Six Months ended June 30,	
	2011	2010	2011	2010
<b>Basic Numerator:</b>				
Net (loss) income from continuing operations	\$ (594,224 )	\$ 243,816	\$ (354,154 )	\$ 809,055
Convertible preferred stock dividends and accretion	-	(160,499 )	-	(319,234 )
(Loss) income available to common stockholders	\$ (594,224 )	\$ 83,317	\$ (354,154 )	\$ 489,821

Edgar Filing: BIO KEY INTERNATIONAL INC - Form 10-Q

Basic Denominator	78,155,413	77,713,398	78,155,413	77,713,398
Per Share Amount	\$ (0.01 )	\$ 0.00	* \$ 0.00	* \$ 0.01

\* Represents less than \$0.01

9

---

The following table summarizes the potential weighted average shares of common stock that were included in the diluted per share calculation for the three and six month periods ended June 30, 2011, and June 30, 2010.

	Three Months Ended June 30,		Six Months Ended June 30,	
	2011	2010	2011	2010
Preferred Stock	-	10,185,667	-	10,185,667
Convertible Debt	-	2,459,857	-	2,459,857
Stock Options	-	617,722	-	735,831
Potentially dilutive securities	-	13,263,246	-	13,381,355

	Three Months ended June 30,		Six Months ended June 30,	
	2011	2010	2011	2010
Dilutive Numerator:				
(Loss) income available to common stockholders (basic EPS)	\$ (594,224 )	\$ 83,317	\$ (354,154 )	\$ 489,821
Convertible preferred stock dividends and accretion	-	160,499	-	319,234
Convertible debt interest recognized	-	164,347	-	326,935
Reversed derivative change in fair market value	-	(170,968 )	-	(869,852 )
Income (loss) available to common stockholders (dilutive EPS)	\$ (594,224 )	\$ 237,195	\$ (354,154 )	\$ 266,138
Dilutive Denominator:	78,155,413	90,976,643	78,155,413	91,094,752
Per Share Amount	\$ (0.01 )	\$ 0.00	* \$ 0.00	* \$ 0.00

\* Represents less than \$0.01

Items excluded from the diluted per share calculation because the exercise price was greater than the average market price of the common shares:

	Three Months Ended June 30,		Six Months Ended June 30,	
	2011	2010	2011	2010
Stock options	2,527,140	2,984,258	2,507,140	2,789,258
Warrants	9,986,615	15,369,948	9,986,615	15,369,948
Total	12,513,755	18,354,206	12,493,755	18,159,206

## 6. NOTE RECEIVABLE

Notes receivable consisted of the following:

	June 30, 2011 (Unaudited)	December 31, 2010
Note Receivable – Current	\$ -	\$ 2,167,000
Note Receivable – Non-Current	-	1,333,000
Total	\$ -	\$ 3,500,000

As consideration for the Asset Sale (see “Note 3 — Discontinued Operations”), Buyer paid the Company an aggregate purchase price of approximately \$11.3 million. Of that amount, approximately \$7.0 million was paid in cash at the closing of the Asset Sale, and approximately \$300,000 was paid pursuant to the post-closing working capital adjustment provided for in the Purchase Agreement. Buyer also issued a promissory note (the “Note”) in the original principal amount of \$4 million in favor of the Company. The Note earned interest, payable on a quarterly basis, at a rate per annum equal to six percent (6%) compounded annually on the principal sum from time to time outstanding.



Effective as of December 30, 2010, the Company entered into an Amendment and Waiver agreement (the “Amendment and Waiver”) with respect to the Note. Under the original terms of the Note, the initial scheduled repayment of principal, equal to \$1,334,000, was due to be paid to the Company on December 8, 2010. Pursuant to the Amendment and Waiver, the Company agreed to defer \$834,000 of this initial payment into three equal payments due over the course of the first three quarters of 2011, of which the first payment of \$278,000 was received in April 2011.

In exchange for this deferral, the Buyer made a principal payment of \$500,000 (received in December 2010), agreed to increase the interest rate on the deferred amount from six percent to twelve percent, and agreed to have the owner of the Parent, Silkroad Equity LLC, forfeit all of the 8,000,000 warrants previously granted to it by the Company.

Effective as of May 19, 2011, the Buyer exercised its option to prepay the balance due of \$3,222,000 under the Note. In consideration for the early payment from the Buyer, the Company accepted a \$150,000 discount on the principal amount due, of which \$50,000 was absorbed by the Secured Promissory Noteholders (see “Note 7 – Notes Payable”). The total amount received by the Company was \$3,113,654 which included principal amount of \$3,222,000, interest income of \$30,888 and a reimbursement of legal fees incurred of \$10,766 net of the discount of \$150,000.

Accrued interest receivable was \$0 and \$59,108 as of June 30, 2011 and December 31, 2010, respectively, and was included in prepaid expenses and other at December 31, 2010.

## 7. NOTES PAYABLE

### The 2010 Exchange Agreement

Effective as of December 31, 2010, the Company entered into a Securities Exchange Agreement (the “2010 Exchange Agreement”) with the Shaar Fund, Ltd. (“Shaar”) and Thomas Colatosti (“Colatosti”). Pursuant to the 2010 Exchange Agreement, Shaar exchanged all of its outstanding shares of the Company’s Series D Convertible Preferred Stock, including all accrued and unpaid dividends thereon, and the 7% Convertible Promissory Note dated as of December 28, 2009 issued by the Company to Shaar in the original principal amount of \$673,079 for an installment payment of \$500,000 and a new non-convertible 7% Secured Promissory Note in the original principal amount of \$3,157,759 (the “Shaar Note”). The installment payment was made in January 2011. Shaar also exchanged all of its existing warrants to purchase the Company’s common stock, exercisable for an aggregate of 5,108,333 shares, for a new five-year warrant to purchase up to an aggregate of 8,000,000 shares of the Company’s common stock at an exercise price of \$0.30 per share. In addition, pursuant to the 2010 Exchange Agreement, Mr. Colatosti agreed to exchange all of his outstanding shares of Series D Convertible Preferred Stock, including all accrued and unpaid dividends thereon, and the 7% Convertible Promissory Note dated as of December 28, 2009 issued by the Company to Mr. Colatosti in the original principal amount of \$64,878 for a new non-convertible 7% Secured Promissory Note in the original principal amount of \$350,804 (the “Colatosti Note”).

Pursuant to the Exchange Agreement, the Company made a cash payment to Shaar in the amount of \$500,000 at the closing of the exchange and also paid approximately \$125,209 to Shaar on January 31, 2011 in full satisfaction of the Company’s obligations to Shaar for all accrued and unpaid dividends with respect to the Company’s Series B Convertible Preferred Stock and Series C Convertible Preferred Stock formerly held by Shaar.

The principal and interest, which will also accrue at a rate of seven percent per annum under the Colatosti Note is scheduled to be repaid by the Company in cash on December 31, 2012. The Company’s obligations under the Shaar Note and the Colatosti Note are secured by substantially all of the Company’s assets and Mr. Colatosti’s right of payment under the Colatosti Note is subordinated to the rights of Shaar under the Shaar Note.



The Company recorded the warrants at their relative fair value as of the inception date of the agreement. As the warrants were classified as equity instruments, no further accounting adjustment is required. The initial fair value of the warrants was recorded as a discount to the Notes Payable and will be amortized to interest expense over the two-year expected term of the debt, using the effective interest method.

Effective as of May 20, 2011, the Company exercised its option to prepay the balance due of \$3,157,759 owed to Shaar on its Secured Promissory Note. In consideration of the \$150,000 discount granted by the Company for the early payment of the Note Receivable (see "Note 6 — Note Receivable"), the Company's Secured Promissory Note holders agreed to absorb \$50,000 of the discount, with the remainder borne by the Company. The discount was prorated to both Note holders which reduced the Shaar payment by \$45,624 and the principle amount owed on the Colatosti Note by \$4,376. The total amount paid by the Company to Shaar was \$3,192,421 and included principal of \$3,157,759, interest of \$80,286 less Shaar's share of the discount described above.

Notes payable consisted of the following:

	June 30, 2011 (Unaudited)	December 31, 2010
<b>Current Portion</b>		
Secured promissory notes	-	2,300,000
Discount	-	(201,861 )
<b>Total</b>	<b>\$ -</b>	<b>\$ 2,098,139</b>
<b>Long-Term Portion</b>		
Secured promissory notes	346,428	1,208,563
Discount	-	(106,071 )
<b>Total</b>	<b>\$ 346,428</b>	<b>\$ 1,102,492</b>

## 8. SEGMENT INFORMATION

The Company has determined that its continuing operations are one discrete segment consisting of Biometric products. Geographically, North American sales accounted for approximately 68% and 96% of the Company's total sales for the three months ended June 30, 2011 and 2010, respectively, and were approximately 41% and 96% of the Company's total sales for the six months ended June 30, 2011 and 2010, respectively.

## 9. FAIR VALUES OF FINANCIAL INSTRUMENTS

Cash and cash equivalents, accounts and notes receivable, accounts payable, accrued liabilities, and notes payable, are carried at, or approximate, fair value because of their short-term nature.

10. MAJOR CUSTOMERS

For the three months ended June 30, 2011 and 2010, one customer accounted for 32% and 39% of revenue, respectively. For the six months ended June 30, 2011 and 2010, one customer accounted for 58% and 23% of revenue, respectively.

11. RELATED PARTY TRANSACTIONS

In connection with his appointment to the Board of Directors in September 2002, and as acting Chief Financial Officer from November 2008 to December 2009, the Company has entered into a number of consulting arrangements with Mr. Thomas Colatosti. Under the most recent arrangement, which was entered into on January 12, 2010, Mr. Colatosti provides services to the Company and its subsidiary for a two-year term ending December 31, 2011 at a rate of \$5,000 per month. Mr. Colatosti has substantial experience in the biometric industry and in addition to his role as the Chairman of the Board of Directors of the Company, provides extensive service to the Company in the areas of strategic planning and corporate finance. For each of the three months ended June 30, 2011 and 2010, the Company paid Mr. Colatosti \$15,000, and for each of the six months ended June 30, 2011 and 2010, the Company paid Mr. Colatosti \$30,000.

12. SUBSEQUENT EVENTS

The Company has reviewed subsequent events through the date of the filing.

## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS

### CAUTIONARY STATEMENT FOR FORWARD-LOOKING STATEMENTS

The information contained in this Report on Form 10-Q and in other public statements by the Company and Company officers include or may contain certain forward-looking statements. All statements other than statements of historical facts contained in this Report on Form 10-Q, including statements regarding our future financial position, business strategy and plans and objectives of management for future operations, are forward-looking statements. The words "anticipate," "believe," "estimate," "will," "may," "future," "plan," "intend" and "expect" and similar expressions generally identify forward-looking statements. Although we believe that our plans, intentions and expectations reflected in the forward-looking statements are reasonable, we cannot be sure that they will be achieved. Actual results may differ materially from the forward-looking statements contained herein due to a number of factors.

Many of these factors are set forth in the Company's most recent Annual Report on Form 10-K under the caption "Risk Factors" and other filings with the Securities and Exchange Commission. These factors are not intended to represent a complete list of the general or specific factors that may affect us. It should be recognized that other factors, including general economic factors and business strategies may be significant, presently or in the future. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

### OVERVIEW

BIO-key International, Inc. (the "Company," "BIO-key," "we," or "us") was founded in 1993 to develop and market advanced fingerprint biometric technology and software solutions. Biometric technology is the science of analyzing specific human characteristics which are unique to each individual in order to identify a specific person from a broader population. First incorporated as BBG Engineering, the company became SAC Technologies in 1994. The BIO-key name was introduced in 2002.

We develop and market advanced fingerprint identification biometric technology and software solutions. We were among the initial pioneers in developing automated finger identification technology that can be used without the aid of non-automated methods of identification such as a personal identification, password, token, smart card, ID card, credit card, passport, driver's license or other form of possession or knowledge based identification. This advanced BIO-key™ identification technology improves both the accuracy and speed of finger-based biometrics.

In partnerships with OEMs, integrators, and solution providers, we provide biometric software solutions to private and public sector customers. BIO-key provides the ability to positively identify individuals before granting access to valuable corporate resources, web portals or applications in seconds. Powered by our patented Vector Segment Technology™ our VST™, WEB-key® and BSP development kits are fingerprint biometric solutions that provide true interoperability with all major reader manufacturers, enabling application developers and integrators to seamlessly integrate fingerprint biometrics into virtually any application.

On August 15, 2011, the Company announced that it has signed a letter of intent to acquire Montreal-based S.I.C. Biometrics Inc. If such a combination is completed, BIO-key expects that its overall market reach would be strengthened, expanding opportunities for new projects and partnerships that could be fully satisfied via complete solutions for mobility, access control and consumer security. S.I.C., founded in 1999, designs, manufactures and internationally commercializes biometrics security products, including biometric plug-in mobile fingerprint scanners, biometric proximity cards and access control solutions. S.I.C. is credited with developing the first fingerprint reader for Apple mobile devices. While the terms of the definitive acquisition agreements will be made public when fully

negotiated and signed, BIO-key anticipates that such an acquisition would be accretive to the company in the fourth quarter of 2011. In addition to due diligence and definitive documentation, the transaction will be subject to customary closing conditions, including any necessary regulatory approvals.

#### CRITICAL ACCOUNTING POLICIES

For detailed information on our critical accounting policies and estimates, see our financial statements and notes thereto included in this Report and in our Annual Report on Form 10-K, for the year ended December 31, 2010. There have been no material changes to our critical accounting policies and estimates from those disclosed in our 10-K filed on March 23, 2011.

#### RECENT ACCOUNTING PRONOUNCEMENTS

On January 1, 2011, the Company adopted Accounting Standards Update (ASU) 2010-20, "Receivables (Topic 310): Disclosures about the Credit Quality of Financing Receivables and the Allowance for Credit Losses." ASU 2010-20 is intended to provide additional information to assist financial statement users in assessing an entity's risk exposures and evaluating the adequacy of its allowance for credit losses. The disclosures as of the end of a reporting period and the disclosures about activity that occurs during a reporting period are effective for interim and annual reporting periods ending on or after December 15, 2010. The amendments in ASU 2010-20 encourage, but do not require, comparative disclosures for earlier reporting periods that ended before initial adoption. However, an entity should provide comparative disclosures for those reporting periods ending after initial adoption. The adoption of ASU 2010-20 did not have a significant impact on its consolidated financial statements.

On January 1, 2011, the Company adopted ASU 2010-17, "Revenue Recognition-Milestone Method (Topic 605): Milestone Method of Revenue Recognition." The amendments in this Update are effective on a prospective basis for milestones achieved in fiscal years, and interim periods within those years, beginning on or after June 15, 2010. The adoption of ASU 2010-17 did not have a significant impact on its consolidated financial statements.

On January 1, 2011, the Company adopted ASU 2009-13, "Multiple Element Arrangements." ASU 2009-13 addresses the determination of when the individual deliverables included in a multiple arrangement may be treated as separate units of accounting. ASU 2009-13 also modifies the manner in which the transaction consideration is allocated across separately identified deliverables and establishes definitions for determining fair value of elements in an arrangement. The adoption of ASU 2010-13 did not have a significant impact on its consolidated financial statements.

Management does not believe that any other recently issued, but not yet effective, accounting standard if currently adopted would have a material effect on the accompanying consolidated financial statements.

## RESULTS OF OPERATIONS

THREE MONTHS ENDED JUNE 30, 2011 AS COMPARED TO JUNE 30, 2010

## Consolidated Results of Operations - Percent Trend

	Three Months Ended June 30,			
	2011		2010	
Revenues				
Services	15	%	8	%
License fees and other	85	%	92	%
	100	%	100	%
Costs and other expenses				
Cost of services	3	%	1	%
Cost of license fees and other	27	%	6	%
	30	%	7	%
Gross Profit	70	%	93	%
Operating expenses				
Selling, general and administrative	65	%	63	%
Research, development and engineering	29	%	19	%
	94	%	82	%
Operating profit (loss)	-24	%	11	%
Other deductions				
Total other deductions	-36	%	6	%
Income (loss) from continuing operations	-60	%	17	%
Income (loss) from discontinued operations			-1	%
Net Income	-60	%	16	%

	Three months ended June 30,			
	2011	2010	\$ Change	% Change
Revenues				
Service	\$ 150,627	\$ 112,345	\$ 38,282	34 %
License & other	833,526	1,320,706	(487,180 )	-37 %
Total Revenue	\$ 984,153	\$ 1,433,051	\$ (448,898 )	-31 %
Cost of goods sold				
Service	\$ 31,329	\$ 19,760	\$ 11,569	59 %
License & other	261,247	84,081	177,166	211 %
Total COGS	\$ 292,576	\$ 103,841	\$ 188,735	182 %

## Revenues

For the three months ended June 30, 2011 and 2010, service revenues included approximately \$151,000 and \$103,000, respectively, of recurring maintenance and support revenue, and approximately \$9,500 for the three months ended



June 30, 2010 of non-recurring custom services revenue. Recurring service revenue increased 46% from 2010 to 2011 as the Company continued to bundle maintenance agreements to its expanding customer license base, and renewed existing maintenance agreements from its legacy customers.

For the three months ended June 30, 2011, license and other revenue (comprised of third party hardware and royalty) decreased in its core software, offset by a lesser increase in other revenue. The Company realized an approximately \$830,000 decrease (68%) in its core software license revenue primarily as a result of an order received in 2010 from a new healthcare customer, specifically in the blood bank sector. Blood banks have contributed significant revenue in the past, yet due to a spending freeze in the blood bank industry which is under consolidation., most of our prospects are being asked to curtail purchases until late 2011 or early 2012. Third-party hardware sales increased by approximately \$339,000 (491%), as a result of increased demand from an existing OEM partner and expansion of several Healthcare deployments. The Company's royalty income was derived from an OEM agreement, and resulted in a 12% increase in revenue to \$27,334 from \$24,519 for the three months ended June 30, 2011 and 2010, respectively.

#### Costs of goods sold

For the three months ended June 30, 2011, cost of service increased approximately \$12,000 as a result of increases to personnel related costs. License and other costs for the three months ended June 30, 2011 increased \$177,166 directly associated with the increase in third party hardware revenue.

#### Selling, general and administrative

	Three months ended			
	June 30,	2010	\$ Change	% Change
	2011			
Selling, general and administrative	\$ 638,260	\$ 897,442	\$ (259,182)	-29%

Selling, general and administrative costs for the three months ended June 30, 2011 decreased 29% from the same period in 2010. Reductions included referral fees and commission expense related to decreased sales, reduction in legal and accounting fees associated with the change in the accounting firm in 2010, and a reduction in travel.

#### Research, development and engineering

	Three months ended			
	June 30,	2010	\$ Change	% Change
	2011			
Research, development and engineering	\$ 287,356	\$ 275,135	\$ 12,221	4%

For the three months ended June 30, 2011, research, development and engineering costs increased 4% from the same period in 2011 as the Company employed temporary outside services for a specific new project offset by a reduction of engineering supplies.

## Other income and expense

	Three months ended		\$ Change	% Change
	2011	June 30, 2010		
Derivative and warrant fair value adjustments	\$ -	\$ 190,577	\$ (190,577 )	-100 %
Amortization of discount	(258,158 )	(164,313 )	(93,845 )	57 %
Interest income	30,898	60,953	(30,055 )	-49 %
Interest expense	(32,925 )	(34 )	(32,891 )	96738 %
Net discounts of notes payable and note receivable	(100,000 )	-	(100,000 )	n/a
<b>Total</b>	<b>\$ (360,185 )</b>	<b>\$ 87,183</b>	<b>\$ (447,368 )</b>	<b>-513 %</b>

For the quarter ended June 30, 2010, the derivative and warrant fair value income was attributable to embedded derivatives and detachable warrants issued with convertible debt in 2005, 2006 and 2009. The fair value of the derivatives fluctuated based on: our stock price on the valuation date, the debt conversion price, the volatility of our stock price over a period of time, changes in the value of the risk free interest rate, and the time to maturity of the outstanding debt at different points in time. Our convertible debt was converted to the Notes Payable, one of which was discounted as a result of the detachable warrants associated with the conversion. For the quarters ended June 30, 2011 and 2010, the amortization of the discount was attributable to the Notes Payable, including the balance of the unamortized debt discount due to the accelerated payment, and the convertible note, respectively.

For the quarters ended June 30, 2011 and 2010, the interest income was attributable to the Note Receivable, which was fully paid in May 2011. For the quarter ended June 30, 2011, the interest expense was attributable to the Notes Payable, of which approximately \$346,000 remains outstanding.

For the quarter ended June 30, 2011, the discount of the note receivable with respect to the value of the net early payment discount granted to the holder of the note receivable (see Note 6).

## SIX MONTHS ENDED JUNE 30, 2011 AS COMPARED TO JUNE 30, 2010

## Consolidated Results of Operations - Percent Trend

	Six Months Ended June 30,			
	2011		2010	
<b>Revenues</b>				
Services	13	%	8	%
License fees and other	87	%	92	%
	100	%	100	%
<b>Costs and other expenses</b>				
Cost of services	3	%	2	%
Cost of license fees and other	14	%	7	%
	17	%	9	%
Gross Profit	83	%	91	%
<b>Operating expenses</b>				
Selling, general and administrative	57	%	66	%
Research, development and engineering	24	%	23	%
	81	%	89	%
Operating profit (loss)	2	%	2	%
<b>Other deductions</b>				
Total other deductions	-17	%	32	%
Income (loss) from continuing operations	-15	%	34	%
Income (loss) from discontinued operations			17	%
Net Income (Loss)	-15	%	51	%

	Six months ended June 30,			
	2011	2010	\$ Change	% Change
<b>Revenues</b>				
Service	308,972	204,388	104,584	51 %
License & other	2,080,294	2,204,838	(124,544 )	-6 %
Total Revenue	\$ 2,389,266	\$ 2,409,226	\$ (19,960 )	-1 %
<b>Cost of goods sold</b>				
Service	65,815	50,188	15,627	31 %
License & other	341,633	163,753	177,880	109 %
Total COGS	\$ 407,448	\$ 213,941	\$ 193,507	90 %

## Revenues

For the six months ended June 30, 2011 and 2010, service revenues included approximately \$293,000 and \$189,000, respectively, of recurring maintenance and support revenue, and approximately \$16,000 and \$15,000, respectively, of non-recurring custom services revenue. Recurring service revenue increased 51% from 2010 to 2011 as the Company continued to bundle maintenance agreements to its expanding customer license base, and renewed existing maintenance agreements from its legacy customers.



For the six months ended June 30, 2011 and 2010, license and other revenue (comprised of third party hardware and royalty) decreased as a result of several contributing factors. The Company realized an approximately \$491,000 decrease (25%) in its core software license revenue primarily as a result one large order from single new customer in 2011 opposed to two large orders from new customers in 2010. For the six months ended June 30, 2011 and 2010 we shipped orders from McKesson for their continued deployment of our identification technology in their AccuDose® product line, and for continued expansion of biometric ID deployments with commercial partners ChoicePoint /Nexis Lexis, Educational Biometric Technology, and Identimetrics. Third-party hardware sales increased by approximately \$357,000 (206%), as a result of increased demand from an existing OEM partner and expansion of several Healthcare deployments which we do not expect at the same rate of increase going forward. The Company's royalty income was derived from an OEM agreement, and resulted in a 19% increase in revenue to \$55,894 from \$46,786 for the six months ended June 30, 2011 and 2010, respectively.

#### Costs of goods sold

For the six months ended June 30, 2011, cost of service increased approximately \$16,000 as a result of increases to personnel related costs. License and other costs for the three months ended June 30, 2011 increased \$177,166 directly associated with the increase in third party hardware revenue.

#### Selling, general and administrative

	Six months ended June 30,			
	2011	2010	\$ Change	% Change
Selling, general and administrative	\$ 1,347,964	\$ 1,597,462	\$ (249,498 )	-16 %

Selling, general and administrative costs for the six months ended June 30, 2011 decreased 16% from the same period in 2010. Reductions included referral fees for specific customers in 2010 only, reduction in legal and accounting fees associated with the change in the accounting firm in 2010, and a reduction in travel.

#### Research, development and engineering

	Six months ended June 30,			
	2011	2010	\$ Change	% Change
Research, development and engineering	\$ 583,906	\$ 559,924	\$ 23,982	4%

For the six months ended June 30, 2011, research, development and engineering costs increased 4% from the same period in 2010 as the Company employed temporary outside services for a specific new project and in non-cash compensation charges in accordance with the provisions of ASC 718-10, offset by a reduction in travel and engineering supplies.

## Other income and expense

	Six months ended		\$ Change	% Change
	2011	June 30, 2010		
Derivative and warrant fair value adjustments	\$ -	\$ 977,287	\$ (977,287 )	-100 %
Amortization of discount	(97,932 )	(326,901 )	228,969	-70 %
Interest income	95,030	120,952	(25,922 )	-21 %
Interest expense	(91,200 )	(182 )	(91,018 )	50009 %
Net discounts of notes payable and note receivable	(310,000 )	-	(310,000 )	n/a
<b>Total</b>	<b>\$ (404,102 )</b>	<b>\$ 771,156</b>	<b>\$ (1,175,408 )</b>	<b>-152 %</b>

For the six months ended June 30, 2010, the derivative and warrant fair value income was attributable to embedded derivatives and detachable warrants issued with convertible debt in 2005, 2006 and 2009. The fair value of the derivatives fluctuated based on: our stock price on the valuation date, the debt conversion price, the volatility of our stock price over a period of time, changes in the value of the risk free interest rate, and the time to maturity of the outstanding debt at different points in time. Our convertible debt was converted to the Notes Payable, one of which was discounted as a result of the detachable warrants associated with the conversion. For the six months ended June 30, 2011 and 2010, the amortization of the discount was attributable to the Notes Payable and the convertible note, respectively.

For the six months ended June 30, 2011 and 2010, the interest income was attributable to the Note Receivable, which was fully paid in May 2011. For the six months ended June 30, 2011, the interest expense was attributable to the Note Payable, of which approximately 10% (\$346,000) remains outstanding.

For the six months ended June 30, 2011, the discount of the note receivable and payable was a non-cash item with respect to the value of the net early payment discount granted to the holder of the note receivable and the balance of the unamortized debt discount attached to the Notes Payable.

## LIQUIDITY AND CAPITAL RESOURCES

Net cash used in operations during the six months ended June 30, 2011 was approximately \$532,000. The cash used for operating activities was primarily due to the following items:

Negative cash flows related to an increase in accounts receivable of approximately \$1,384,000, due to a large order received late in the quarter; and

Positive cash flows from an increase in accounts payable and accrued expenses of approximately \$426,000, attributable to the accrued commission and an increase of approximately \$317,000 in accounts payable of which approximately \$180,000 is for third party hardware shipped late in the quarter, both due to the orders received late in the June 2011 quarter, and some increase in deferred revenue for maintenance renewals and new orders.

The Company recorded approximately \$36,000 of charges during the first half of 2011 for the expense of issuing options to employees for services.



The cash used for investing activities was primarily due to a capital expenditure of approximately \$53,000 to upgrade development equipment.

The cash used for financing activities included the early repayment on the Shaar note of approximately \$3,612,000, and outstanding dividends of approximately \$125,000, largely offset by the early receipt of proceeds from the note receivable of approximately \$3,350,000.

Working capital at June 30, 2011 was approximately \$313,000 as compared to approximately \$88,000 at December 31, 2010. The improvement was driven by both the reduction in accrued liability by payment of the current Notes Payable with the receipt of the Note Receivable, and the increase in Accounts Receivable with a lesser amount of associated liability in accounts payable and accrued accounts.

Since January 7, 1993 (date of inception), our capital needs have been principally met through proceeds from the sale of equity and debt securities.

We do not expect any material capital expenditures during the next twelve months.

We do not currently maintain a line of credit or term loan with any commercial bank or other financial institution.

#### Liquidity outlook

At June 30, 2011, our total of cash and cash equivalents was \$38,029, as compared to \$1,010,096 at December 31, 2010.

As discussed above, the Company has financed itself in the past through access to the capital markets by issuing convertible debt securities, convertible preferred stock and common stock. We currently require approximately \$400,000 per month to conduct our operations. During the first six months of the 2011, we generated approximately \$2,389,000 of revenue. While the Company expects to increase revenue through the remainder of 2011, there can be no assurance that we will achieve that goal.

If we are unable to generate sufficient revenue to meet our goals, we will need to obtain additional third-party financing to (i) conduct the sales, marketing and technical support necessary to execute our plan to substantially grow operations, increase revenue and serve a significant customer base; and (ii) provide working capital. Therefore, we may need to obtain additional financing through the issuance of debt or equity securities, or to restructure our financial position through similar transactions to those consummated during the 2009 to 2010 period.

Due to several factors, including our history of losses and limited revenue, our independent auditors have included an explanatory paragraph in opinions they have previously issued related to our annual financial statements as to the substantial doubt about our ability to continue as a going concern. Our long-term viability and growth will depend upon the successful commercialization of our technologies and our ability to obtain adequate financing. To the extent that we require such additional financing, no assurance can be given that any form of additional financing will be available on terms acceptable to us, that adequate financing will be obtained to meet our needs, or that such financing would not be dilutive to existing stockholders. If available financing is insufficient or unavailable or we fail to continue to generate meaningful revenue, we may be required to further reduce operating expenses, delay the expansion of operations, be unable to pursue merger or acquisition candidates, or continue as a going concern.

## ITEM 4. CONTROLS AND PROCEDURES

### Disclosure Controls and Procedures

Our management, with the participation of our Chief Executive Officer (“CEO”) and Chief Financial Officer (“CFO”), evaluated the effectiveness of our disclosure controls and procedures as of June 30, 2011. The term “disclosure controls and procedures,” as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), means controls and other procedures of a company that are designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the SEC’s rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the company’s management, including its principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure. Based on the evaluation of our disclosure controls and procedures as of June 30, 2011, our CEO and CFO concluded that, as of such date, our disclosure controls and procedures were effective at the reasonable assurance level.

### Changes in Internal Control Over Financial Reporting

No change in our internal control over financial reporting occurred during the fiscal quarter ended June 30, 2011, that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

## PART II — OTHER INFORMATION

### ITEM 6. EXHIBITS

The exhibits listed in the Exhibits Index immediately preceding such exhibits are filed as part of this Report.

SIGNATURES

In accordance with the requirements of the Securities Exchange Act of 1934, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BIO-Key International, Inc.

Dated: August 15, 2011

/s/ Michael W. DePasquale  
Michael W. DePasquale  
Chief Executive Officer

Dated: August 15, 2011

/s/ Cecilia Welch  
Cecilia Welch  
Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description
31.1(1)	Certificate of CEO of Registrant required under Rule 13a-15(f) under the Securities Exchange Act of 1934, as amended
31.2 (1)	Certificate of CFO of Registrant required under Rule 13a-15(f) under the Securities Exchange Act of 1934, as amended
32.1(1)	Certificate of CEO of Registrant required under 18 U.S.C. Section 1350
32.2 (1)	Certificate of CFO of Registrant required under 18 U.S.C. Section 1350
101.INS**	XBRL Instance
101.SCH**	XBRL Taxonomy Extension Schema
101.CAL**	XBRL Taxonomy Extension Calculation
101.DEF**	XBRL Taxonomy Extension Definition
101.LAB**	XBRL Taxonomy Extension Labels
101.PRE**	XBRL Taxonomy Extension Presentation

(1) Filed herewith

\*\* information is furnished and not filed or a part of a registration statement or prospectus for purposes of XBRL sections 11 or 12 of the Securities Act of 1933, as amended, is deemed not filed for purposes of section 18 of the Securities Exchange Act of 1934, as amended, and otherwise is not subject to liability under these sections.