

LIGHTPATH TECHNOLOGIES INC  
Form 10-Q  
February 05, 2015

UNITED STATES

**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 10-Q**

(Mark One)

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

For the quarterly period ended December 31, 2014

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

**Commission file number 000-27548**

**LIGHTPATH TECHNOLOGIES, INC.**

(Exact name of registrant as specified in its charter)

**DELAWARE**                      **86-0708398**  
(State or other jurisdiction of (I.R.S. Employer  
incorporation or organization) Identification No.)  
<http://www.lightpath.com>

2603 Challenger Tech Ct. Suite 100

**Orlando, Florida 32826**

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(Address of principal executive offices)

(ZIP Code)

**(407) 382-4003**

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(Registrant's telephone number, including area code)

**N/A**

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(Former name, former address, and former fiscal year, if changed since last report)

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 and 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 website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (section 232.405 of this chapter) during the preceding 12 months (or 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. (Check one):

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES NO

APPLICABLE ONLY TO CORPORATE ISSUERS:

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date:

15,235,073 shares of common stock, Class A, \$.01 par value, outstanding as of February 2, 2015.

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**LIGHTPATH TECHNOLOGIES, INC.**

## Consolidated Balance Sheets

	(Unaudited)	
	December 31, 2014	June 30, 2014
Assets		
Current assets:		
Cash and cash equivalents	\$ 795,104	\$ 1,197,080
Trade accounts receivable, net of allowance of \$5,001 and \$5,801	2,411,070	2,472,876
Inventories, net	3,310,436	3,322,983
Other receivables	199,160	199,976
Prepaid expenses and other assets	324,448	298,203
Total current assets	7,040,218	7,491,118
Property and equipment, net	3,308,204	3,173,905
Other assets	27,737	27,737
Total assets	\$ 10,376,159	\$ 10,692,760
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable	\$ 1,901,501	\$ 1,809,532
Accrued liabilities	114,843	124,582
Accrued payroll and benefits	580,625	477,623
Deferred revenue	3,500	—
Loan payable, current portion	473,451	54,982
Capital lease obligation, current portion	4,095	6,196
Total current liabilities	3,078,015	2,472,915
Capital lease obligation, less current portion	4,973	6,270
Deferred rent	34,221	76,490
Warrant liability	250,605	731,431
Loan payable, less current portion	—	109,963
Total liabilities	3,367,814	3,397,069
Stockholders' equity:		
Preferred stock: Series D, \$.01 par value, voting; 5,000,000 shares authorized; none issued and outstanding	—	—
Common stock: Class A, \$.01 par value, voting; 40,000,000 shares authorized; 14,304,283 and 14,293,305 shares issued and outstanding, respectively	143,043	142,933
Additional paid-in capital	211,963,328	211,812,134
Accumulated other comprehensive income	50,868	51,681
Accumulated deficit	(205,148,894)	(204,711,057)
Total stockholders' equity	7,008,345	7,295,691
Total liabilities and stockholders' equity	\$ 10,376,159	\$ 10,692,760

The accompanying notes are an integral part of these unaudited consolidated statements.

**LIGHTPATH TECHNOLOGIES, INC.**

## Consolidated Statements of Operations and Comprehensive Income

**(Unaudited)**

	Three months ended		Six months ended	
	December 31,		December 31,	
	2014	2013	2014	2013
Product sales, net	\$3,352,958	\$2,907,869	\$5,956,267	\$5,717,581
Cost of sales	2,082,769	1,667,865	3,708,444	3,158,507
Gross margin	1,270,189	1,240,004	2,247,823	2,559,074
Operating expenses:				
Selling, general and administrative	1,325,058	1,154,387	2,469,293	2,231,009
New product development	350,147	263,718	693,859	558,673
Amortization of intangibles	—	8,217	—	16,434
Loss on disposal of property and equipment	—	40	218	1,098
Total costs and expenses	1,675,205	1,426,362	3,163,370	2,807,214
Operating loss	(405,016 )	(186,358 )	(915,547 )	(248,140 )
Other income (expense):				
Interest expense	(6,762 )	(248 )	(10,131 )	(420 )
Interest expense - debt costs	(625 )	(4,997 )	(13,270 )	(10,047 )
Change in fair value of warrant liability	534,784	(35,013 )	480,826	(53,965 )
Other expense, net	18,832	24,583	20,285	30,194
Total other income (expense), net	546,229	(15,675 )	477,710	(34,238 )
Net income (loss)	\$141,213	\$(202,033 )	\$(437,837 )	\$(282,378 )
Income (loss) per common share (basic)	\$0.01	\$(0.01 )	\$(0.03 )	\$(0.02 )
Number of shares used in per share calculation (basic)	14,305,985	13,863,865	14,297,807	13,715,789
Income (loss) per common share (diluted)	\$0.01	\$(0.01 )	\$(0.03 )	\$(0.02 )
Number of shares used in per share calculation (diluted)	15,419,925	13,863,865	14,297,807	13,715,789
Foreign currency translation adjustment	(345 )	4,106	(813 )	13,795
Comprehensive income (loss)	\$140,868	\$(197,927 )	\$(438,650 )	\$(268,583 )

The accompanying notes are an integral part of these unaudited consolidated statements.

**LIGHTPATH TECHNOLOGIES, INC.**

## Consolidated Statement of Stockholders' Equity

Six Months Ended December 31, 2014

**(Unaudited)**

	<b>Class A Common Stock</b>		<b>Additional Paid-in Capital</b>	<b>Accumulated Other Comprehensive Income</b>	<b>Accumulated Deficit</b>	<b>Total Stockholders' Equity</b>
	<b>Shares</b>	<b>Amount</b>				
Balance at June 30, 2014	14,293,305	\$ 142,933	\$ 211,812,134	\$ 51,681	\$(204,711,057)	\$ 7,295,691
Issuance of common stock for:						
Employee stock purchase plan	10,978	110	13,119	—	—	13,229
Stock based compensation on stock options and restricted stock units	—	—	138,075	—	—	138,075
Net loss	—	—	—	—	(437,837 )	(437,837 )
Foreign currency translation adjustment	—	—	—	(813 )	—	(813 )
Balance at December 31, 2014	14,304,283	\$ 143,043	\$ 211,963,328	\$ 50,868	\$(205,148,894)	\$ 7,008,345

The accompanying notes are an integral part of these unaudited consolidated statements.



**LIGHTPATH TECHNOLOGIES, INC.**

## Consolidated Statements of Cash Flows

**(Unaudited)**

	Six months ended December 31,	
	2014	2013
Cash flows from operating activities		
Net loss	\$(437,837 )	\$(282,378 )
Adjustments to reconcile net loss to net cash provided by (used in) operating activities:		
Depreciation and amortization	275,222	424,490
Interest from amortization of debt costs	13,270	10,047
Loss on disposal of property and equipment	218	1,098
Stock based compensation	138,075	227,646
Provision for doubtful accounts receivable	(13,784 )	5,813
Change in fair value of warrant liability	(480,826 )	53,965
Deferred rent	(42,269 )	(79,586 )
Changes in operating assets and liabilities:		
Trade accounts receivables	75,590	(211,965 )
Other receivables	816	100,000
Inventories	12,547	(589,741 )
Prepaid expenses and other assets	(39,515 )	(157,911 )
Accounts payable and accrued liabilities	185,232	282,468
Deferred revenue	3,500	(1,966 )
Net cash used in operating activities	(309,761 )	(218,020 )
Cash flows from investing activities		
Purchase of property and equipment	(409,739 )	(942,408 )
Cash flows from financing activities		
Proceeds from sale of common stock from employee stock purchase plan	13,229	2,512
Proceeds from exercise of warrants, net of costs	—	1,538,808
Payments on loan payable	(205,271 )	—
Payments on capital lease obligations	(3,398 )	(4,612 )
Borrowings on loan payable	513,777	—
Net cash provided by financing activities	318,337	1,536,708
Effect of exchange rate on cash and cash equivalents	(813 )	13,795
Change in cash and cash equivalents	(401,976 )	390,075
Cash and cash equivalents, beginning of period	1,197,080	1,565,215
Cash and cash equivalents, end of period	\$795,104	\$1,955,290
Supplemental disclosure of cash flow information:		
Interest paid in cash	\$10,131	\$420
Income taxes paid	1,036	2,166
Vesting of restricted stock units	—	(1,912 )
Supplemental disclosure of non-cash investing & financing activities:		
Purchase of equipment through capital lease arrangement	—	12,972

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Reclassification of tooling costs to inventory	—	425,626
Reclassification of warrant liability upon exercise	—	277,070

The accompanying notes are an integral part of these unaudited consolidated statements.

## Notes to Financial Statements

### 1. Basis of Presentation

References in this document to “the Company”, “LightPath”, “we”, “us”, or “our” are intended to mean LightPath Technologies Inc., individually, or as the context requires, collectively with its subsidiaries on a consolidated basis.

The accompanying unaudited consolidated financial statements have been prepared in accordance with the requirements of Article 8 of Regulation S-X promulgated under the Securities Exchange Act of 1934 and, therefore, do not include all information and footnotes necessary for a fair presentation of financial position, results of operations, and cash flows in conformity with accounting principles generally accepted in the United States of America. These consolidated financial statements should be read in conjunction with the Company’s consolidated financial statements and related notes, included in its Form 10-K for the fiscal year ended June 30, 2014, filed with the Securities and Exchange Commission (the “SEC”). Unless otherwise stated, references to particular years or quarters refer to the Company’s fiscal years ended June 30 and the associated quarters of those fiscal years.

These consolidated financial statements are unaudited, but include all adjustments, including normal recurring adjustments, which, in the opinion of management, are necessary to present fairly the financial position, results of operations and cash flows of the Company for the interim periods presented. Results of operations for interim periods are not necessarily indicative of the results that may be expected for the year as a whole.

#### History:

LightPath Technologies, Inc. (“LightPath”, the “Company”, “we”, “us” or “our”) was incorporated in Delaware in 1992. It was the successor to LightPath Technologies Limited Partnership formed in 1989, and its predecessor, Integrated Solar Technologies Corporation formed in 1985. On April 14, 2000, the Company acquired Horizon Photonics, Inc. On September 20, 2000, the Company acquired Geltech, Inc. (“Geltech”). The Company completed its initial public offering during fiscal 1996. In November 2005, we formed LightPath Optical Instrumentation (Shanghai) Co., Ltd (“LPOI”), a wholly-owned manufacturing subsidiary, located in Jiading, People’s Republic of China. In December 2013, we formed LightPath Optical Instrumentation (Zhenjiang) Co., Ltd (“LPOIZ”), a wholly-owned manufacturing subsidiary, located in Zhenjiang, Jiangsu Province, People’s Republic of China.

LightPath is a manufacturer and integrator of families of precision molded aspheric optics, infrared lenses, high-performance fiber-optic collimator, GRADIUM glass lenses and other optical materials used to produce products that manipulate light. The Company designs, develops, manufactures and distributes optical components and assemblies utilizing the latest optical processes and advanced manufacturing technologies. The Company also performs research and development for optical solutions for the traditional optics markets and communications markets. As used herein, the terms LightPath, the Company, we, us or our, refer to LightPath individually or, as the context requires, collectively with its subsidiaries on a consolidated basis.

### 2. Significant Accounting Policies

**Consolidated financial statements** include the accounts of the Company and its wholly-owned subsidiaries. All significant intercompany balances and transactions have been eliminated in consolidation.

**Cash and cash equivalents** consist of cash in the bank and temporary investments with maturities of 90 days or less when purchased.

**Allowance for accounts receivable**, is calculated by taking 100% of the total of invoices that are over 90 days past due from the due date and 10% of the total of invoices that are over 60 days past due from the due date for U.S. based accounts and 100% of invoices that are over 120 days past due for China based accounts. Accounts receivable are customer obligations due under normal trade terms. The Company performs continuing credit evaluations of its customers' financial condition. Recovery of bad debt amounts previously written off is recorded as a reduction of bad debt expense in the period the payment is collected. If the Company's actual collection experience changes, revisions to its allowance may be required. After all attempts to collect a receivable have failed, the receivable is written off against the allowance.

**Inventories**, which consist principally of raw materials, tooling, work-in-process, finished lenses, collimators and assemblies are stated at the lower of cost or market, on a first-in, first-out basis. Inventory costs include materials, labor and manufacturing overhead. Acquisition of goods from our vendors has a purchase burden added to cover customs, shipping and handling costs. Fixed costs related to excess manufacturing capacity have been expensed. We look at the following criteria for parts to consider for the inventory reserve: items that have not been sold in two years or that have not been purchased in two years or of which we have more than a two-year supply. These items as identified are reserved at 100%, as well as reserving 50% for other items deemed to be slow moving within the last twelve months and reserving 25% for items deemed to have low material usage within the last six months. The parts identified are adjusted for recent order and quote activity to determine the final inventory reserve.

**Property and equipment** are stated at cost and depreciated using the straight-line method over the estimated useful lives of the related assets ranging from three to ten years. Leasehold improvements are amortized over the shorter of the lease term or the estimated useful lives of the related assets using the straight-line method.

**Long-lived assets**, such as property, plant, and equipment and purchased intangibles subject to amortization, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to its estimated undiscounted future cash flows expected to be generated by the asset. If the carrying amount of an asset exceeds its estimated future cash flows, an impairment charge is recognized in the amount by which the carrying amount of the asset exceeds the fair value of the asset. Assets to be disposed of would be separately presented in the balance sheet and reported at the lower of the carrying amount or fair value less costs to sell, and are no longer depreciated. The assets and liabilities of a disposed group classified as held for sale would be presented separately in the appropriate asset and liability sections of the balance sheet.

**Deferred rent** relates to certain of the Company's operating leases containing predetermined fixed increases of the base rental rate during the lease term being recognized as rental expense on a straight-line basis over the lease term. The Company has recorded the difference between the amounts charged to operations and amounts payable under the leases as deferred rent in the accompanying consolidated balance sheets.

**Income taxes** are accounted for under the asset and liability method. Deferred income tax assets and liabilities are computed on the basis of differences between the financial statement and tax basis of assets and liabilities that will result in taxable or deductible amounts in the future based upon enacted tax laws and rates applicable to the periods in which the differences are expected to affect taxable income. Valuation allowances have been established to reduce deferred tax assets to the amount expected to be realized.

The Company has not recognized a liability for uncertain tax positions. A reconciliation of the beginning and ending amount of unrecognized tax benefits or penalties has not been provided since there has been no unrecognized benefit or penalty. If there were an unrecognized tax benefit or penalty, the Company would recognize interest accrued related

to unrecognized tax benefits in interest expense and penalties in operating expenses.

The Company files U.S. Federal income tax returns, and various states and foreign jurisdictions. The Company's open tax years subject to examination by the Internal Revenue Service and the Florida Department of Revenue generally remain open for three years from the date of filing.

**Revenue** is recognized from product sales when products are shipped to the customer, provided that the Company has received a valid purchase order, the price is fixed, title has transferred, collection of the associated receivable is reasonably assured, and there are no remaining significant obligations. Revenues from product development agreements are recognized as milestones and are completed in accordance with the terms of the agreements and upon shipment of products, reports or designs to the customer. Invoiced amounts for value-added taxes (VAT) related to sales are posted to the balance sheet and not included in revenue.

**New product development** costs are expensed as incurred.

**Stock-based compensation** is measured at grant date, based on the fair value of the award, and is recognized as an expense over the employee's requisite service period. We estimate the fair value of each restricted stock unit or stock option as of the date of grant using the Black-Scholes-Merton pricing model. Most awards granted under our Amended and Restated Omnibus Incentive Plan (the "Omnibus Incentive Plan") vest ratably over two to four years and generally have four to ten-year contract lives. The volatility rate is based on historical trends in common stock closing prices and the expected term was determined based primarily on historical experience of previously outstanding awards. The interest rate used is the U.S. Treasury interest rate for constant maturities. The likelihood of meeting targets for option grants that are performance based are evaluated each quarter. If it is determined that meeting the targets is probable then the compensation expense will be amortized over the remaining vesting period.

**Management estimates.** Management makes estimates and assumptions during the preparation of the Company's consolidated financial statements that affect amounts reported in the financial statements and accompanying notes. Such estimates and assumptions could change in the future as more information becomes available, which in turn could impact the amounts reported and disclosed herein.

**Financial instruments.** The Company accounts for financial instruments in accordance with ASC 820, which provides a framework for measuring fair value and expands required disclosure about fair value measurements of assets and liabilities. ASC 820 defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. ASC 820 also establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes three levels of inputs that may be used to measure fair value:

Level 1 - Quoted prices in active markets for identical assets or liabilities.

Level 2 - Inputs other than quoted prices included within Level 1 that are either directly or indirectly observable.

Level 3 - Unobservable inputs that are supported by little or no market activity, therefore requiring an entity to develop its own assumptions about the assumptions that market participants would use in pricing.

Fair value estimates discussed herein are based upon certain market assumptions and pertinent information available to management as of December 31, 2014.

The respective carrying value of certain on-balance-sheet financial instruments approximated their fair values. These financial instruments which include cash, receivables, accounts payable and accrued liabilities. Fair values were assumed to approximate carrying values for these financial instruments since they are short term in nature and their carrying amounts approximate fair values or they are receivable or payable on demand. The fair value of the Company's loan payable approximates its carrying value based upon current rates available to the Company.

The Company values its warrant liabilities based on open-form option pricing models which, based on the relevant inputs, render the fair value measurement at Level 3. The Company bases its estimates of fair value for warrant liabilities on the amount it would pay a third-party market participant to transfer the liability and incorporates inputs

such as equity prices, historical and implied volatilities, dividend rates and prices of convertible securities issued by comparable companies maximizing the use of observable inputs when available. See further discussion at Note 8.

The Company does not have any other financial or non-financial assets or liabilities that would be characterized as Level 2 or Level 3 instruments.

**Derivative financial instruments.** The Company accounts for derivative instruments in accordance with ASC 815, which requires additional disclosures about the Company's objectives and strategies for using derivative instruments, how the derivative instruments and related hedged items are accounted for, and how the derivative instruments and related hedging items affect the financial statements.

The Company does not use derivative instruments to hedge exposures to cash flow, market or foreign currency risk. Terms of convertible debt instruments are reviewed to determine whether or not they contain embedded derivative instruments that are required under ASC 815 to be accounted for separately from the host contract, and recorded on the balance sheet at fair value. The fair value of derivative liabilities, if any, is required to be revalued at each reporting date, with corresponding changes in fair value recorded in current period operating results.

Freestanding warrants issued by the Company in connection with the issuance or sale of debt and equity instruments are considered to be derivative instruments. Pursuant to ASC 815, an evaluation of specifically identified conditions is made to determine whether the fair value of warrants issued is required to be classified as equity or as a derivative liability.



**Comprehensive income (loss)** of the Company is defined as the change in equity (net assets) of a business enterprise during a period from transactions and other events and circumstances from non-owner sources. It includes all changes in equity during a period except those resulting from investments by owners and distributions to owners. Comprehensive income (loss) has two components, net income (loss) and other comprehensive income (loss), and is included on the statement of operations and comprehensive income. Our other comprehensive income (loss) consists of foreign currency translation adjustments made for financial reporting purposes.

**Recent accounting pronouncements.** There are several new accounting pronouncements issued by the Financial Accounting Standards Board (“FASB”) which are not yet effective. Management does not believe any of these accounting pronouncements will have a material impact on the Company’s financial position or operating results.

In July 2013, the FASB issued Accounting Standards Update 2013-11, “Presentation of an Unrecognized Tax Benefit When a Net Operating Loss Carryforward, a Similar Tax Loss, or a Tax Credit Carryforward Exists,” which amends ASC 740, “Income Taxes.” This new guidance requires that a liability related to an unrecognized tax benefit be offset against a deferred tax asset for a net operating loss carryforward, a similar tax loss or a tax credit carryforward if certain criteria are met. The provisions of this update are effective for fiscal years, and interim periods within those years, beginning after December 15, 2013. The amendments should be applied prospectively to all unrecognized tax benefits that exist at the effective date. Retrospective application is permitted. The Company adopted this guidance for fiscal 2015 and does not expect the adoption to have a material effect on our financial position, results of operations or cash flows.

In May 2014, the FASB issued Accounting Standards Update No. 2014-09, “Revenue from Contracts with Customers” (ASU 2014-09), which supersedes nearly all existing revenue recognition guidance under U.S. GAAP. The core principle of ASU 2014-09 is to recognize revenues when promised goods or services are transferred to customers in an amount that reflects the consideration to which an entity expects to be entitled for those goods or services. ASU 2014-09 defines a five step process to achieve this core principle and, in doing so, more judgment and estimates may be required within the revenue recognition process than are required under existing U.S. GAAP.

The standard is effective for annual periods beginning after December 15, 2016, and interim periods therein, using either of the following transition methods: (i) a full retrospective approach reflecting the application of the standard in each prior reporting period with the option to elect certain practical expedients, or (ii) a retrospective approach with the cumulative effect of initially adopting ASU 2014-09 recognized at the date of adoption (which includes additional footnote disclosures). The Company is currently evaluating the impact of the adoption of ASU 2014-09 on its consolidated financial statements and has not yet determined the method by which it will adopt the standard in the quarter ending September 30, 2017.

### 3. Inventories

The components of inventories include the following:

	December 31, 2014		June 30, 2014
Raw materials	\$ 1,591,762		\$ 1,659,893
Work in process	1,150,249		865,041
Finished goods	876,978		1,063,126
Reserve for obsolescence	(308,553 )		(265,077 )
	\$ 3,310,436		\$ 3,322,983

#### 4. Property and Equipment

Property and equipment are summarized as follows:

	Estimated Life (Years)	December 31, 2014	June 30, 2014
Manufacturing equipment	5 - 10	\$ 5,624,700	\$5,255,571
Computer equipment and software	3 - 5	325,465	299,314
Furniture and fixtures	5	105,367	101,953
Leasehold improvements	5 - 7	1,140,693	864,378
Construction in progress		401,597	665,977
Total property and equipment		7,597,822	7,187,193
Less accumulated depreciation and amortization		4,289,618	4,013,288
Total property and equipment, net		\$ 3,308,204	\$3,173,905

#### 5. Accounts Payable

The accounts payable balance includes approximately \$64,000 and \$55,000 representing earned but unpaid board of directors' fees as of December 31, 2014 and June 30, 2014, respectively.

#### 6. Compensatory Equity Incentive Plan and Other Equity Incentives

**Share-Based Compensation Arrangements**—The Omnibus Incentive Plan includes several available forms of stock compensation of which incentive stock options and restricted stock awards have been granted to date.

The 2004 Employee Stock Purchase Plan (“ESPP”) permitted employees to purchase shares of Class A common stock through payroll deductions, which could not exceed 15% of an employee’s compensation, at a price not less than 85% of the market value of the stock on specified dates (June 30 and December 31). In no event could any participant purchase more than \$25,000 worth of shares of Class A common stock in any calendar year and an employee could purchase no more than 4,000 shares on any purchase date within an offering period of 12 months and 2,000 shares on any purchase date within an offering period of six months. The ESPP expired on December 6, 2014, and was replaced by the 2014 Employee Stock Purchase Plan, which was adopted by the Company’s Board of Directors on October 30, 2014 and approved by the Company’s stockholders on January 29, 2015. The discount on market value is included in selling, general and administrative expense in the accompanying consolidated statements of operations and comprehensive income and was \$1,356 and \$248 for the six months ended December 31, 2014 and 2013, respectively.

These two plans are summarized below:

	Award Shares Authorized	Award Shares Outstanding at December 31, 2014	Available for Issuance at December 31, 2014
Equity Compensation Arrangement			

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Amended and Restated Omnibus Incentive Plan	2,715,625	1,799,458	277,103
Employee Stock Purchase Plan	200,000	—	—
	2,915,625	1,799,458	277,103

**Grant Date Fair Values and Underlying Assumptions; Contractual Terms**—The Company estimates the fair value of each stock option as of the date of grant using the Black-Scholes-Merton pricing model. The ESPP fair value was the amount of the discounted market value the employee obtained at the date of the purchase transaction.

For stock options granted in the six month periods ended December 31, 2014 and 2013, the Company estimated the fair value of each stock option as of the date of grant using the following assumptions:

	Six Months Ended December 31, 2014		Six Months Ended December 31, 2013	
Expected volatility	103	%	118	%
Weighted average expected volatility	103	%	118	%
Dividend yields	0	%	0	%
Risk-free interest rate	1.77	%	2.48	%
Expected term, in years	7.50		11.85	

Most options granted under the Plan vest ratably over two to four years and are generally exercisable for ten years. The assumed forfeiture rates used in calculating the fair value of options and restricted stock unit grants with both performance and service conditions were 20% and 0%, respectively, for the six months ended December 31, 2014 and 2013. The volatility rate and expected term are based on seven-year historical trends in Class A common stock closing prices and actual forfeitures. The interest rate used is the U.S. Treasury interest rate for constant maturities.

**Information Regarding Current Share-Based Compensation Awards**—A summary of the activity for share-based compensation awards in the six months ended December 31, 2014 is presented below:

	Stock Options			Restricted Stock Units (RSUs)	
	Shares	Weighted Average Exercise Price (per share)	Weighted Average Remaining Contract Life (YRS)	Shares	Weighted Average Remaining Contract Life (YRS)
June 30, 2014	654,158	\$ 2.25	5.5	856,300	0.9
Granted	80,000	\$ 1.16	9.8	219,000	2.8
Exercised	—	—	—	—	—
Cancelled/Forfeited	(10,000)	\$ 3.04	—	—	—
December 31, 2014	724,158	\$ 2.12	5.6	1,075,300	1.1
Awards exercisable/ vested as of					
December 31, 2014	516,658	\$ 2.46	4.3	604,765	—

Awards unexercisable/  
unvested as of

December 31, 2014	207,500	\$ 1.28	8.9	470,535	1.1
	724,158			1,075,300	

The total intrinsic value of options outstanding and exercisable at December 31, 2014 and 2013 was \$208 and \$19,325, respectively.

The total intrinsic value of RSUs exercised during the six months ended December 31, 2014 and 2013 was \$0 and \$288,652, respectively.

The total intrinsic value of RSUs outstanding and exercisable at December 31, 2014 and 2013 was \$550,155 and \$592,052, respectively.

The total fair value of RSUs vested during the six months ended December 31, 2014 and 2013 was \$156,660 and \$264,372, respectively.

The total fair value of option shares vested during the six months ended December 31, 2014 and 2013 was \$65,500 and \$62,986, respectively.

As of December 31, 2014, there was \$594,973 of total unrecognized compensation cost related to non-vested share-based compensation arrangements (including share options and restricted stock units) granted under the Plan. We expect to recognize the compensation cost as follows:

	Stock Options	Restricted Stock Share/ Units	Total
Six Months ended June 30, 2015	\$24,665	\$120,398	\$145,063
Year ended June 30, 2016	40,802	211,931	252,733
Year ended June 30, 2017	31,074	120,513	151,587
Year ended June 30, 2018	17,310	24,906	42,216
Year ended June 30, 2019	3,374	—	3,374
	\$117,225	\$477,748	\$594,973

Restricted stock unit awards vest immediately or from two to four years from the date of grant.

The Company issues new shares of Class A common stock upon the exercise of stock options. The following table is a summary of the number and weighted average grant date fair values regarding the Company's unexercisable/unvested awards as of December 31, 2014 and changes during the six months then ended:

	Stock Options Shares	RSU Shares	Total Shares	Weighted-Average Grant Date Fair Values (per share)
Unexercisable/unvested awards				
June 30, 2014	193,000	354,303	547,303	\$ 1.18
Granted	80,000	219,000	299,000	\$ 1.31
Vested	(65,500 )	(102,768 )	(168,268 )	\$ 1.37
Cancelled/Forfeited	—	—	—	—
December 31, 2014	207,500	470,535	678,035	\$ 1.19





**Financial Statement Effects and Presentation**—The following table shows total stock-based compensation expense for the six months ended December 31, 2014 and 2013 included in the consolidated statements of operations and comprehensive income:

	(Unaudited) Six months ended December 31, 2014	(Unaudited) Six months ended December 31, 2013
Stock options	\$ 27,106	\$ 38,857
RSU	110,969	188,789
Total	\$ 138,075	\$ 227,646
The amounts above were included in:		
General & administrative	\$ 133,042	\$ 221,995
New product development	5,033	5,651
	\$ 138,075	\$ 227,646

## 7. Foreign Operations

Assets and liabilities denominated in non-U.S. currencies are translated at rates of exchange prevailing on the balance sheet date, and revenues and expenses are translated at average rates of exchange for the six month periods. Gains or losses on the translation of the financial statements of a non-U.S. operation, where the functional currency is other than the U.S. dollar, the Renminbi (“RMB”), are reflected as a separate component of equity. The foreign exchange translation adjustment reflects a net loss of approximately \$800 for the six months ended December 31, 2014 and a gain of approximately \$14,000 for the six months ended December 31, 2013. As of December 31, 2014, we had approximately \$7.40 million in assets and \$5.96 million in net assets located in China at LPOI’s Shanghai and LPOIZ’s Zhenjiang facilities. As of June 30, 2014, we had approximately \$7.58 million in assets and \$6.28 million in net assets located in China at LPOI’s Shanghai facility and LPOIZ’s Zhenjiang facilities.

## 8. Derivative Financial Instruments (Warrant Liability)

On June 11, 2012, we executed a Securities Purchase Agreement with respect to a private placement of an aggregate of 1,943,852 shares of our Class A common stock at \$1.02 per share and warrants to purchase 1,457,892 shares of our common stock at an initial exercise price of \$1.32 per share, which was subsequently reduced to \$1.26 (“June 2012 Warrants”). The June 2012 Warrants are exercisable for a period of five years beginning on December 11, 2012. The Company accounted for the June 2012 Warrants issued to investors in accordance with ASC 815-10. ASC 815-10 provides guidance for determining whether an equity-linked financial instrument (or embedded feature) is indexed to an entity’s own stock. This applies to any freestanding financial instrument or embedded feature that has all the characteristics of a derivative under ASC 815-10, including any freestanding financial instrument that is potentially settled in an entity’s own stock.

Due to certain adjustments that may be made to the exercise price of the June 2012 Warrants if the Company issues or sell shares of its Class A common stock at a price which is less than the then current warrant exercise price, the June 2012 Warrants have been classified as a liability, as opposed to equity, in accordance with ASC 815-10 as it was determined that the June 2012 Warrants were not indexed to the Company's Class A common stock.

The fair value of the outstanding June 2012 Warrants was re-measured on December 31, 2014 to reflect their fair market value at the end of the current reporting period. The June 2012 Warrants will be re-measured at each subsequent financial reporting period until warrant exercise or expiration. The change in fair value of the June 2012 Warrants is recorded in the statement of operations and comprehensive income and is estimated using the Lattice option-pricing model using the following assumptions:

Inputs into Lattice model for warrants:	12/31/14	
Equivalent Volatility	50.34	%
Equivalent Interest Rate	0.62	%
Floor	\$1.1500	
Greater of estimated stock price or floor	\$1.1500	
Probability price < Strike	77.30	%
FV of call	\$0.2090	
Probability of Fundamental Transaction occurring	5	%

All warrants issued by the Company other than the above noted June 2012 Warrants are classified as equity.

The warrant liabilities are considered a recurring Level 3 fair value measurement, with a fair value of \$250,605 and \$731,431 at December 31, 2014 and June 30, 2014, respectively.

The following table summarizes the activity of Level 3 inputs measured on a recurring basis for the six months ended December 31, 2014:

	12/31/14	
	<b>Warrant Liability</b>	
Fair value, June 30, 2014	\$731,431	
Exercise of common stock warrants	—	
Change in fair value of warrant liability	(480,826	)
Fair value, December 31, 2014	\$250,605	

## 9. \$1,000,000 Credit Facility

On September 30, 2013, the Company entered into a Loan and Security Agreement (the “LSA”) with Avidbank Corporate Finance, a division of Avidbank (“Avidbank”). Pursuant to the LSA, Avidbank would lend to the Company under a revolving credit facility an aggregate outstanding amount not to exceed the lesser of (i) One Million Dollars (\$1,000,000) (the “Revolving Line”) or (ii) an amount equal to eighty percent (80%) of eligible accounts, as determined

by Avidbank in accordance with the LSA. Amounts borrowed under the Revolving Line could have been repaid and re-borrowed at any time prior to December 30, 2014, at which time all amounts were immediately due and payable. The advances under the Revolving Line bore interest, on the outstanding daily balance, at a per annum rate equal to one percent (1%) above the Prime Rate. Interest payments were due and payable on the last business day of each month.

Pursuant to the LSA, Avidbank also made equipment advances to the Company, each in a minimum amount of \$100,000, and in an aggregate amount not to exceed One Million Dollars (\$1,000,000). Equipment advances during any particular three month draw period were due and repayable in thirty-six (36) equal monthly payments. All amounts due under outstanding equipment advances made during any particular draw period were due on the tenth (10th) day following the end of such draw period, and in any event, no later than September 30, 2017. The equipment advances bore interest, on the outstanding daily balance, at a per annum rate equal to one and half percent (1.5%) above the Prime Rate. Interest payments were due and payable on the tenth day of each month so long as any equipment advance is outstanding.

As of December 23, 2014, approximately \$142,000 was outstanding under the LSA as equipment advances and \$280,000 on the Revolving Line for a total of \$422,000. The Company's obligations under the LSA were secured by a first priority security interest (subject to permitted liens) in substantially all of the assets of the Company. In addition, the Company's wholly-owned subsidiary, Geltech guaranteed the Company's obligations under the LSA.

On December 23, 2014, the Company entered into an Amended and Restated Loan and Security Agreement (the “Amended LSA”) with Avidbank for an invoice-based working capital revolving line of credit (the “Invoiced Based Line”). The Amended LSA amends and restates that certain LSA between the Company and Avidbank dated September 30, 2013. Pursuant to the Amended LSA, Avidbank will, in its discretion, make loan advances to the Company up to a maximum aggregate principal amount outstanding not to exceed the lesser of (i) One Million Dollars (\$1,000,000) or (ii) eighty percent (80%) (the “Maximum Advance Rate”) of the aggregate balance of the Company’s eligible accounts receivable, as determined by Avidbank in accordance with the Amended LSA. Avidbank may, in its discretion, elect to not make a requested advance, determine that certain accounts are not eligible accounts, change the Maximum Advance Rate or apply a lower advance rate to particular accounts and terminate the Amended LSA. The outstanding balance of \$422,000 due to Avidbank was transferred from the LSA to the Invoiced Based Line of the Amended LSA. As of December 31, 2014, the Invoiced Based Line balance was \$473,451.

Amounts borrowed under the Invoiced Based Line may be repaid and re-borrowed at any time prior to December 23, 2015, at which time all amounts shall be immediately due and payable. The advances under the Invoiced Based Line bear interest, on the outstanding daily balance, at a per annum rate equal to three percent (3%) above the Prime Rate (6.25% at December 31, 2014). Interest payments are due and payable on the last business day of each month. Payments received with respect to accounts upon which advances are made will be applied to the amounts outstanding under the Amended LSA.

The Company’s obligations under the Amended LSA are secured by a first priority security interest (subject to permitted liens) in cash, US inventory and accounts receivable. In addition, the Company’s wholly-owned subsidiary, Geltech has guaranteed the Company’s obligations under the Amended LSA.

The Amended LSA contains customary covenants, including, but not limited to: (i) limitations on the disposition of property; (ii) limitations on changing the Company’s business or permitting a change in control; (iii) limitations on additional indebtedness or encumbrances; (iv) restrictions on distributions; and (v) limitations on certain investments.

Late payments are subject to a late fee equal to the lesser of five percent (5%) of the unpaid amount or the maximum amount permitted to be charged under applicable law. Amounts outstanding during an event of default accrue interest at a rate of five percent (5%) above the interest rate applicable immediately prior to the occurrence of the event of default. The Amended LSA contains other customary provisions with respect to events of default, expense reimbursement, and confidentiality.

#### **10. Subsequent Event - Pudong Private Placement**

On January 20, 2015, the Company closed a sale of its securities in accordance with that certain Securities Purchase Agreement with Pudong Science & Technology (Cayman) Co., Ltd. (“Pudong”), as previously disclosed in the Company’s Current Report on Form 8-K filed on April 16, 2014. Prior to the closing, the Securities Purchase

Agreement was amended (as amended, the “SPA”) and assigned by Pudong to an affiliate, Pudong Science & Technology Investment (Cayman) Co. Ltd. (“Pudong Investment”) on September 25, 2014.

In connection with the closing, the Company sold to Pudong Investment 930,790 shares of Class A common stock at a price of \$1.40 per share, which was adjusted from the initial per share purchase price of \$1.62 pursuant to the terms of the SPA. The Company received gross cash proceeds from the issuance of the Class A common stock in the amount of approximately \$1,303,106. The Company intends to use the proceeds of the sale to provide working capital in support of its continued growth, particularly new product development, sales and marketing of its infrared product line, and capital expenditures related to the acquisition of new equipment.

Immediately following the issuance of the shares of Class A common stock pursuant to the SPA, Pudong Investment beneficially owned 14.9% of the Company’s outstanding shares of Class A common Stock.

The shares of Class A common stock issued were exempt from the registration requirements of the Securities Act of 1933, as amended (the “Act”). The shares of Class A common stock are restricted securities that have not been registered under the Act and may not be offered or sold absent registration or applicable exemption from the registration requirements.

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

*The Private Securities Litigation Reform Act of 1995 provides a safe harbor for forward-looking statements made by or on behalf of the LightPath. All statements in this "Management's Discussion and Analysis of Financial Condition and Results of Operations" and elsewhere in this Quarterly Report on Form 10-Q for the quarter ended December 31, 2014 (the "Quarterly Report"), other than statements of historical facts, which address activities, events or developments that we expect or anticipate will or may occur in the future, including such things as future capital expenditures, growth, product development, sales, business strategy and other similar matters are forward-looking statements. These forward-looking statements are based largely on our current expectations and assumptions and are subject to a number of risks and uncertainties, many of which are beyond our control. Actual results could differ materially from the forward-looking statements set forth herein as a result of a number of factors, including, but not limited to, limited cash resources and the need for additional financing, our dependence on a few key customers, our ability to transition our business into new markets, our ability to increase sales and manage and control costs and other risks described in our reports on file with the SEC. In light of these risks and uncertainties, all of the forward-looking statements made herein are qualified by these cautionary statements and there can be no assurance that the actual results or developments anticipated by us will be realized. We undertake no obligation to update or revise any of the forward-looking statements contained herein.*

The discussions of our results as presented in this Quarterly Report include use of the terms "EBITDA" and "gross margin." EBITDA is discussed below. Gross margin is determined by deducting the cost of sales from operating revenue. Cost of sales includes manufacturing direct and indirect labor, materials, services, fixed costs for rent, utilities and depreciation, and variable overhead. Gross margin should not be considered an alternative to operating income or net income, which are determined in accordance with GAAP. We believe that gross margin, although a non-GAAP financial measure is useful and meaningful to investors as a basis for making investment decisions. It provides investors with information that demonstrates our cost structure and provides funds for our total costs and expenses. We use gross margin in measuring the performance of our business and have historically analyzed and reported gross margin information publicly. Other companies may calculate gross margin in a different manner.

### **Overview**

#### **Historical:**

We are in the business of manufacturing optical components and higher level assemblies including precision molded glass aspheric optics, proprietary high performance fiber optic collimators, GRADIUM glass lenses and other optical materials used to produce products that manipulate light. All the products we produce enable lasers and imaging devices to function more effectively.

In November 2005, we formed LPOI, a wholly-owned manufacturing subsidiary, located in Jiading, People's Republic of China. Prior to December 2014, when we substantially completed the process of transitioning production from this facility to the LPOIZ facility, the manufacturing operations were housed in a 16,000 square foot facility located in the

Jiading Industrial Zone near Shanghai. The LPOI facility will now be primarily used for sales and engineering functions.

In December 2013, we formed LPOIZ, a wholly-owned subsidiary that is housed in a 26,000 square foot leased manufacturing facility located in the New City district, in the Jiangsu province, of the People's Republic of China. Production started at LPOIZ's new manufacturing facility in April 2014. We expect this new facility to provide a lower cost structure for production of larger volumes of optical components and assemblies. We have substantially completed the process of transitioning production from the LPOI facility to the LPOIZ facility.

**Recent Initiatives:**

In February 2015, we announced the implementation of strategic growth initiatives and an organizational optimization plan. Under these plans, we expect to be better positioned to accelerate our revenue growth and profitability, principally by the transition to a technical sales process that leverages the success of our existing demand-creation model. To align the organization for specific goals and accountability, an executive structure has been created with three direct reporting lines: Operations, China, and Finance. Technical and engineering staff will be more fully integrated with our sales force, and two new sales positions were created: Executive Sales Manager, combining the responsibility for all sales and marketing and, Marketing Manager. Organizations supporting aspheric visible lens products and our new line of infrared products were combined. Sales, marketing, engineering and quality will report to the newly created position of Executive Vice President-Operations.



Over the past five years we recorded a compounded annual revenue growth rate of approximately 10% for our core aspheric optical lens business, which excludes our new infrared product line and a large non-recurring order in support of the DARPA program. During this period, we invested to expand our high speed manufacturing capacity, enhanced our manufacturing, coating and finishing processes, and implemented a demand-creation model that leverages our low cost, high volume, superior quality production capabilities to not only take market share but, more importantly, to create new market opportunities.

These growth initiatives and organizational modifications are intended to further enhance our incremental organic growth position for our core aspheric lens business, prime our operations for the anticipated high growth of our new infrared products, and allow for the integration of strategic acquisitions. An ancillary benefit of these plans are an estimated annual reduction of operating expenses of 5% to 10% or savings of approximately \$200,000 to \$375,000 per year upon complete implementation. We are benefiting from a substantial increase in revenue generating opportunities and broader market applications as a result of our investments in technologies that decreased our lens production costs and expanded our production capacity. We believe we can further improve upon our track record of growth – and to do so far more profitably.

**How we operate:**

We have continuing sales of two basic types: occasional sales via ad-hoc purchase orders of mostly standard product configurations (our “turns” business) and the more challenging and potentially more rewarding business of customer product development. In this latter type of business we work with customers to help them determine optical specifications and even create certain optical designs for them, including complex multi-component designs that we call “engineered assemblies.” This is followed by “sampling” small numbers of the product for the customers’ test and evaluation. Thereafter, should a customer conclude that our specification or design is the best solution to their product need; we negotiate and “win” a contract (sometimes called a “design win”) – whether of a “blanket purchase order” type or a supply agreement. The strategy is to create an annuity revenue stream that makes the best use of our production capacity as compared to the turns business, which is unpredictable and uneven. This annuity revenue stream can also generate low-cost, high-volume type orders. A key business objective is to convert as much of our business to the design win and annuity model as is possible. We face several challenges in doing so:

- Maintaining an optical design and new product sampling capability, including a high-quality and responsive optical design engineering staff;

- The fact that as our customers take products of this nature into higher volume, commercial production (for example, in the case of molded optics, this may be volumes over one million pieces per year) they begin to work seriously to reduce costs – which often leads them to turn to larger or overseas producers, even if sacrificing quality; and

- Our small business mass means that we can only offer a moderate amount of total productive capacity before we reach financial constraints imposed by the need to make additional capital expenditures – in other words, because of our limited cash resources and cash flow, we may not be able to service every opportunity that presents itself in our

markets without arranging for such additional capital expenditures.

Despite these challenges to winning more “annuity” business, we nevertheless believe we can be successful in procuring this business because of our unique capabilities in optical design engineering that we make available on the merchant market, a market that we believe is underserved in this area of service offering. Additionally, we believe that we offer value to some customers as a source of supply in the United States should they be unwilling to commit their entire source of supply of a critical component to foreign merchant production sources. We also continue to have the proprietary GRADIUM lens glass technology to offer to certain laser markets.

**Our key indicators:**

Usually on a weekly basis, management reviews a number of performance indicators. Some of these indicators are qualitative and others are quantitative. These indicators change from time to time as the opportunities and challenges in the business change. They are mostly non-financial indicators such as units of shippable output by major product line, production yield rates by major product line and the output and yield data from significant intermediary manufacturing processes that support the production of the finished shippable product. These indicators can be used to calculate such other related indicators as fully yielded unit production per-shift, which varies by the particular product and our state of automation in production of that product at any given time. Higher unit production per shift means lower unit cost and therefore improved margins or improved ability to compete where desirable for price sensitive customer applications. The data from these reports is used to determine tactical operating actions and changes. We believe that our non-financial production indicators, such as those noted, are proprietary information.

Financial indicators that are usually reviewed at the same time include the major elements of the micro-level business cycle:

· sales backlog;

· EBITDA;

· inventory levels; and

· accounts receivable levels and quality.

These indicators are similarly used to determine tactical operating actions and changes and are discussed in more detail below.

**Sales Backlog:**

Sales growth has been and continues to be our best indicator of success. Our best view into the efficacy of our sales efforts is in our “order book.” Our order book equates to sales “backlog.” It has a quantitative and a qualitative aspect: quantitatively, our backlog’s prospective dollar value and qualitatively, what percent of the backlog is scheduled by the customer for date-certain delivery. We define our “12-month backlog” as that which is requested by the customer for delivery within one year and which is reasonably likely to remain in the backlog and be converted into revenues. This includes customer purchase orders and may include amounts under supply contracts if they meet the aforementioned criteria. Generally, a higher 12-month backlog is better for us.

Our 12-month backlog at December 31, 2014 was approximately \$5.59 million compared to \$4.27 million as of June 30, 2014. Bookings and quote activity have continued to increase for our industrial low-cost lenses in Asia in the first six months of fiscal 2015, bookings in Asia for our low-cost lenses increased by 29% compared to the first six months of fiscal 2014. We project continued production and shipment growth for these low-cost lenses in Asia during the remainder of fiscal 2015.

We continue to diversify our business by entering into additional markets such as digital imaging, laser tools, telecommunications, digital projectors, industrial equipment, weapon sights and green lasers. We expect to show increases in revenue of our precision molded optics and infrared products for the remainder of fiscal 2015 as a result of this diversification.

**EBITDA:**

EBITDA and Adjusted EBITDA are non-GAAP financial measures used by management, lenders and certain investors as a supplemental measure in the evaluation of some aspects of a corporation's financial position and core operating performance. Investors sometimes use EBITDA as it allows for some level of comparability of profitability trends between those businesses differing as to capital structure and capital intensity by removing the impacts of depreciation and amortization. EBITDA also does not include changes in major working capital items such as receivables, inventory and payables, which can also indicate a significant need for, or source of, cash. Since decisions regarding capital investment and financing and changes in working capital components can have a significant impact on cash flow, EBITDA is not a good indicator of a business's cash flows. We use EBITDA for evaluating the relative underlying performance of the Company's core operations and for planning purposes. We calculate EBITDA by adjusting net income (loss) to exclude net interest expense, income tax expense or benefit, depreciation and amortization, thus the term "Earnings Before Interest, Taxes, Depreciation and Amortization" and the acronym "EBITDA."

We also calculated an Adjusted EBITDA, which excludes the effect of the non-cash expense associated with the mark-to-market adjustments related to our June 2012 Warrants. We believe this Adjusted EBITDA is helpful for investors to better understand the financial results of our business operations.

The following table sets forth EBITDA and Adjusted EBITDA for the six month periods ended December 31, 2014 and 2013:

	(Unaudited)			
	Three months ended		Six months ended	
	December 31,		December 31,	
	2014	2013	2014	2013
Net income (loss)	\$141,213	\$(202,033)	\$(437,837)	\$(282,378)
Depreciation and amortization	145,899	200,542	275,222	424,490
Interest expense	7,387	5,245	23,401	10,467
EBITDA	\$294,499	\$3,754	\$(139,214)	\$152,579
Change in fair value of warrant liability	(534,784)	35,013	(480,826)	53,965
Adjusted EBITDA	\$(240,285)	\$38,767	\$(620,040)	\$206,544

Our Adjusted EBITDA for the six months ended December 31, 2014 was approximately (\$620,000), compared to approximately \$207,000 for the six months ended December 31, 2013. The difference in Adjusted EBITDA between periods was principally caused by a higher net loss recognized in the six months ended December 31, 2014, as well as lower depreciation, offset by higher income related to the change in the fair value of our warrant liability with respect to the June 2012 Warrants during the six months ended December 31, 2014.

### Inventory Levels:

We manage our inventory levels to minimize investment in working capital but still have the flexibility to meet customer demand to a reasonable degree. While the mix of inventory is an important factor, including adequate safety stocks of long lead-time materials, an important aggregate measure of inventory in all phases of production is the quarter's ending inventory expressed as a number of days worth of the quarter's cost of sales, also known as "days cost of sales in inventory," or "DCSI." It is calculated by dividing the quarter's ending inventory by the quarter's cost of goods sold, multiplied by 365 and divided by 4. Generally, a lower DCSI measure equates to a lesser investment in inventory and therefore more efficient use of capital. During the quarter ended December 31, 2014 and 2013, our DCSI was 145 and 154 respectively, compared to an average DCSI of 188 for the year ended June 30, 2014. The decrease in DCSI from the prior fiscal year is due to lower inventory levels, higher revenues, and lower production rates caused by the transition of our operations from our Shanghai facility to our Zhenjiang facility.

### Accounts Receivable Levels and Quality:

Similarly, we manage our accounts receivable to minimize investment in working capital. We measure the quality of receivables by the proportions of the total that are at various increments past due from our normally extended terms, which are generally 30 days. The most important aggregate measure of accounts receivable is the quarter's ending balance of net accounts receivable expressed as a number of day's worth of the quarter's net revenues, also known as "days sales outstanding," or "DSO." It is calculated by dividing the quarter's ending net accounts receivable by the quarter's

net revenues, multiplied by 365 and divided by 4. Generally, a lower DSO measure equates to a lesser investment in accounts receivable, and therefore, more efficient use of capital. For the quarters ended December 31, 2014 and 2013, our DSO was 66 and 73, respectively. During the year ended June 30, 2014, our average DSO was 76. The increase in revenue during the second quarter of fiscal 2015 lowered the DSO; however, 53% of the revenue generated in the second quarter of fiscal 2015 was shipped in the third month of the quarter. For the past two years over 44% of our quarterly sales are shipped in the third month of each quarter. There is less opportunity to collect receivables during any given quarter when a higher percentage is shipped in the last month of the quarter.

**Other Key Indicators:**

Other key indicators include various operating metrics, some of which are qualitative and others are quantitative. These indicators change from time to time as the opportunities and challenges in the business change. They are mostly non-financial indicators such as on time delivery trends, units of shippable output by major product line, production yield rates by major product line and the output and yield data from significant intermediary manufacturing processes that support the production of the finished shippable product. These indicators can be used to calculate such other related indicators as fully-yielded unit production per-shift, which varies by the particular product and our state of automation in production of that product at any given time. Higher unit production per shift means lower unit cost and therefore improved margins or improved ability to compete where desirable for price sensitive customer applications. The data from these reports is used to determine tactical operating actions and changes.

## Results of Operations

### *Fiscal Second Quarter: Three months ended December 31, 2014 compared to the three months ended December 31, 2013*

#### **Revenues:**

For the quarter ended December 31, 2014, our total revenues increased 15% to \$3.35 million compared to \$2.91 million for the second quarter of last fiscal year. This increase was attributable to an increase in sales of our precision molded lenses and an increase in sales of infrared products. We expect orders for infrared products and low cost lenses in Asia to continue to grow.

Unit shipment volume in precision molded optics decreased by 18% in the second quarter of fiscal 2015 compared to the same period of the prior fiscal year. This is due to lower unit sales in precision molded optic units with a sales price of less than \$5. These lenses are typically for the industrial tool market in China, which has experienced a recent slow down. However, we expect this to recover throughout the remainder of fiscal 2015.

#### **Cost of Sales:**

Our gross margin percentage in the second quarter of fiscal 2015 was 38% compared to 43% for the second quarter of fiscal 2014. Total manufacturing costs of \$2.08 million were approximately \$415,000 higher in the second quarter of fiscal 2015 compared to the same period of the prior fiscal year given the higher revenues. We also incurred costs due to higher wages associated with the ramp-up in infrared production, the overlapping manufacturing workforces during the transition of production between our two China facilities, and severance for terminated staff at LPOI's Shanghai facility as we move production to LPOIZ's Zhenjiang facility.

The increase in our manufacturing costs was offset by 87% of the precision molded optics lenses sold were produced with a less expensive glass type, compared to the second quarter of fiscal 2014, when only 63% of our precision molded optics lenses sold were produced with less expensive glass types.

Direct costs, which include material, labor and services, remained at 31% of revenue in the second quarter of fiscal 2015, as well as in the second quarter of fiscal 2014. The gross margin of 38% in the second quarter of fiscal 2015 was negatively impacted by the severance costs and transition costs between LPOI's Shanghai facility and LPOIZ's Zhenjiang facility. We incurred \$50,000 of additional expense due to the overlapping staff in both of our China locations while the staff in the Zhenjiang facility continued training during the transition period. If we exclude these severance costs and non-recurring costs of \$277,000 for professional service fees for certain strategic growth initiatives from the calculation, the gross margin for the second quarter of fiscal 2015, as adjusted, was 41%. In the long-term, we expect our margins to surpass prior levels as production originates at the LPOIZ facility and volume levels reach optimal rates.

**Selling, General and Administrative:**

During the second quarter of fiscal 2015, selling, general and administrative (“SG&A”) costs were approximately \$1.33 million, compared to \$1.15 million in the second quarter of fiscal 2014, an increase of approximately \$171,000. The increase was primarily due to an increase of approximately \$277,000 in professional service fees in support of strategic growth initiatives offset by lower stock compensation expenses of \$82,000 and lower depreciation expense of \$22,000. We generally intend to maintain SG&A costs generally at current levels, notwithstanding the professional service fees incurred for certain strategic growth initiatives from the calculation.

**New Product Development:**

New product development costs were approximately \$350,000 in the second quarter of fiscal 2015, an increase of \$86,000 from the second quarter of fiscal 2014. This increase was due to an increase of \$58,000 in wages and an increase of \$31,000 in materials used by engineering in support of our infrared product line. We anticipate that these expenses will increase modestly for the remainder of fiscal year 2015 as we invest in the continued development and expansion of our infrared product lines.

**Other Income (Expense):**

Interest expense was approximately \$7,400 in the second quarter of fiscal 2015 as compared to \$5,200 in the second quarter of fiscal 2014. Interest expense resulted from amortization of debt costs related to our credit facility.



In the second quarter of fiscal 2015, we recognized income of approximately \$535,000 related to the change in the fair value of warrant liability in connection with our June 2012 private placement. We recognized expense of approximately \$35,000 in the same period last year. This fair value will be re-measured each reporting period throughout the five year life of the warrants, or until exercised.

Other income, net was approximately \$19,000 in the second quarter of fiscal 2015 compared to approximately \$25,000 in the second quarter of fiscal 2014. This was primarily from the effects of foreign currency exchange transactions.

**Net Income (Loss):**

Net income was approximately \$141,000 or \$0.01 basic and diluted earnings per share during the second quarter of fiscal 2015, compared with the second quarter of fiscal 2014, in which we reported a net loss of approximately \$202,000 or \$0.01 basic and diluted loss per share. The approximate \$343,000 increase in net income resulted from an increase in income in the change in the fair value of warrant liability offset by higher professional services fees of \$277,000.

Weighted-average shares outstanding (basic) was 14,305,985 in the second quarter of fiscal 2015 compared to 13,863,865 in the second quarter of fiscal 2014. The increase in weighted-average shares outstanding was primarily due to the issuance of shares of common stock related to shares issued under the employee stock purchase plan.

***Fiscal First Half: Six months ended December 31, 2014 compared to the six months ended December 31, 2013***

**Revenues:**

For the six months ended December 31, 2014, we reported total revenues of \$5.97 million compared to \$5.72 million for the first half of last fiscal year, an increase of 4%. The increase from the first half of the prior fiscal year was attributable to an increase in sales of our precision molded lenses and a 158% increase in sales of infrared products.

**Cost of Sales:**

Our gross margin percentage in the first half of fiscal 2015 was 38%, a decrease from 45% in the first half of fiscal 2014. Total manufacturing costs of \$3.71 million were approximately \$550,000 higher in the first half of fiscal 2015 compared to the same period of the prior fiscal year given the higher revenue levels. We also incurred costs due to higher wages associated with the ramp-up in infrared production, the overlapping manufacturing workforces during the transition of production between our two China manufacturing facilities, severance for terminated staff at LPOI's Shanghai facility as we move production to LPOIZ's Zhenjiang facility.

Unit sales of precision molded optics lenses increased by 20% in the first half of fiscal 2015 compared to the same period last year. Direct costs, which include material, labor and services, increased to 30% of revenue in the first half of fiscal 2015, as compared to 26% of revenue in the first half of fiscal 2014. The increase in direct costs was primarily due to reclassification of tooling costs. These costs were previously classified as costs of sales overhead but

tooling labor is now classified as direct labor.

**Selling, General and Administrative:**

During the first half of fiscal 2015, SG&A costs were approximately \$2.47 million, compared to \$2.23 million in the first half of fiscal 2014, an increase of approximately \$238,000. The increase was primarily due to an increase of approximately \$268,000 in professional fees in support of strategic growth initiatives offset by \$42,000 in lower depreciation expense. We intend to maintain SG&A costs generally at current levels excluding the increase in professional fees, with some increases expected for sales and marketing.

**New Product Development:**

New product development costs were approximately \$694,000 in the first half of fiscal 2015 compared to \$559,000 in the first half of fiscal 2014, an increase of \$135,000. This increase was due to an increase of \$144,000 in wages for infrared product development offset by a decrease of \$20,000 for consulting services.

**Other Income (Expense):**

Interest expense was approximately \$23,000 in the first half of fiscal 2015 as compared to \$10,000 in the first half of fiscal 2014. Interest expense this year resulted from amortization of debt costs related to our credit facility.

In the first half of fiscal 2015 we recognized income of approximately \$481,000 related to the change in the fair value of warrant liability in connection with our June 2012 private placement. We recognized expense of \$54,000 in the same period last year. This fair value will be re-measured each reporting period throughout the five year life of the warrants, or until exercised.

Other income, net was approximately \$20,000 in the first half of fiscal 2015 compared to approximately \$30,000 in the first half of fiscal 2014. For the first half of fiscal 2015, other income was primarily comprised of the foreign currency exchange transactions.

**Net Income (Loss):**

Net loss was approximately \$438,000 or \$0.03 basic and diluted loss per share during the first half of fiscal 2015, compared with the first half of fiscal 2014, in which we reported a net loss of approximately \$282,000 or \$0.02 basic and diluted loss per share. The approximate \$155,000 increase in net loss resulted from the change in the fair value of our warrant liability for our June 2012 Warrants and lower gross margin due to the severance costs offset by higher SG&A expenses due to the extraordinary non-recurring professional service fees incurred in support of strategic growth initiatives.

Weighted-average shares outstanding (basic) was 14,297,807 in the first half of fiscal 2015 compared to 13,715,789 in the first half of fiscal 2014. The increase in weighted-average shares outstanding was primarily due to the issuance of shares of common stock related to shares issued under the employee stock purchase plan.

**Liquidity and Capital Resources**

At December 31, 2014, we had working capital of \$4.0 million and total cash and cash equivalents of \$795,000, of which \$402,000 of the total cash was held by our foreign subsidiaries. Total cash and cash equivalents decreased during the first half of 2015 primarily due to capital expenditures to expand and improve our manufacturing processes. On February 2, 2015, we had a book cash balance of \$1.12 million.

We generally rely on cash from operations and equity and debt offerings, to the extent available, to satisfy our liquidity needs. From February 1996 (when our initial public offering occurred) through the end of our fiscal 2014, inclusive, we have raised a net total of approximately \$105 million from the issuance of common and preferred stock, the sale of convertible debt and the exercise of options and warrants for our common stock.

On December 23, 2014, we entered into the Amended Loan and Security Agreement with Avidbank for an Invoice Based Line. The Amended LSA amends and restates that certain Loan and Security Agreement between the Company and Avidbank dated September 30, 2013. Pursuant to the Amended LSA, Avidbank will, in its discretion, make loan advances to the Company up to a maximum aggregate principal amount outstanding not to exceed the lesser of (i) One

Million Dollars (\$1,000,000) or (ii) eighty percent (80%) of the aggregate balance of the Company's eligible accounts receivable, also known as the Maximum Advance Rate, as determined by Avidbank in accordance with the Amended LSA. Avidbank may, in its discretion, elect to not make a requested advance, determine that certain accounts are not eligible accounts, change the Maximum Advance Rate or apply a lower advance rate to particular accounts and terminate the Amended LSA.

Amounts borrowed under the Amended LSA may be repaid and re-borrowed at any time prior to December 23, 2015, at which time all amounts shall be immediately due and payable. The advances under the Amended LSA bear interest, on the outstanding daily balance, at a per annum rate equal to three percent (3%) above the Prime Rate (6.25% at December 31, 2014). Interest payments are due and payable on the last business day of each month. Payments received with respect to accounts upon which advances are made will be applied to the amounts outstanding under the Amended LSA.

The Company's obligations under the Amended LSA are secured by a first priority security interest (subject to permitted liens) in cash, U.S. inventory and accounts receivable. In addition, the Company's wholly-owned subsidiary, Geltech, has guaranteed the Company's obligations under the Amended LSA.

The Amended LSA contains customary covenants, including, but not limited to: (i) limitations on the disposition of property; (ii) limitations on changing the Company's business or permitting a change in control; (iii) limitations on additional indebtedness or encumbrances; (iv) restrictions on distributions; and (v) limitations on certain investments.

Late payments are subject to a late fee equal to the lesser of five percent (5%) of the unpaid amount or the maximum amount permitted to be charged under applicable law. Amounts outstanding during an event of default accrue interest at a rate of five percent (5%) above the interest rate applicable immediately prior to the occurrence of the event of default. The Amended LSA contains other customary provisions with respect to events of default, expense reimbursement, and confidentiality. The amount drawn on the Amended LSA was \$473,451 as of December 31, 2014.

Management has developed an operating plan for fiscal 2015 and believes we have adequate financial resources to achieve this plan and to sustain our current operations in the coming year. We have established milestones that will be tracked to ensure that as funds are expended we are achieving results before additional funds are committed. The fiscal 2015 operating plan and related financial projections we have developed anticipate sales growth primarily from precision molded optics, with the emphasis on low-cost, high-volume applications, optical assemblies including our redesigned collimator product line and infrared products. We expect further margin improvements based on production efficiencies and reductions in product costs as a result of the shifting of our manufacturing operations to Shanghai and Zhenjiang, as well as yield improvements, improved tool life and expanded coating capability. Through these actions and our continuing cost reduction programs, we are improving our competitive position in the marketplace.

Our future capital requirements will depend on many factors including a decline in revenue or a lack of anticipated sales growth, increased material costs, increased labor costs, planned production efficiency improvements not being realized, increases in property, casualty, benefit and liability insurance premiums and increases in other discretionary spending, particularly sales and marketing related. We will also continue efforts to keep costs under control as we seek renewed sales growth. Our efforts are directed toward reaching positive cash flow and profitability. If these efforts are not successful, we will need to raise additional capital. Should capital not be available to us at reasonable terms, other actions may become necessary in addition to cost control measures and continued efforts to increase sales. These actions may include exploring strategic options for the sale of the Company, the sale of certain product lines, the creation of joint ventures or strategic alliances under which we will pursue business opportunities, the creation of licensing arrangements with respect to our technology, or other alternatives.

### **Sources and Uses of Cash**

#### *Cash Flows – Financings:*

Net cash provided by financing activities was approximately \$318,000 in the first half of fiscal 2015 compared to net cash provided by financing activities of approximately \$1.54 million in fiscal 2014. In fiscal 2015, we drew a net of approximately \$309,000 on our line of credit. In fiscal 2014, we received approximately \$1.5 million in the exercise of warrants, net of costs. In connection with the exercise of warrants, we issued 1,136,143 shares of Class A common stock. The exercise prices ranged from \$0.87 to \$1.89 per share of Class A common stock.

In the fourth quarter of fiscal 2014, we entered into the SPA with Pudong, with respect to a private placement of our Class A common stock. The SPA was subsequently amended and assigned to Pudong Investment.

On January 20, 2015, we sold to Pudong Investment 930,790 shares of Class A common stock at a price of \$1.40 per share, which was adjusted from the initial per share purchase price of \$1.62 pursuant to the terms of the SPA. The Company received gross cash proceeds from the issuance of the Class A common stock in the amount of approximately \$1,303,106. The Company intends to use the proceeds of the sale to provide working capital in support of its continue growth, particularly new product development, sales and marketing of its infrared product line, and capital expenditures related to the acquisition of new equipment.

*Cash Flows – Operating and Investing:*

Cash flow used in operations was approximately \$310,000 for the six months ended December 31, 2014, an increase of approximately \$92,000 from the first half of fiscal 2014. This increase was primarily due to our net loss, offset by an improvement in working capital due to our management of accounts receivable, inventory and accounts payable. Our fiscal 2015 operating plan and related financial projections anticipate improvement in our cash flows provided by operations in future years due to sales growth and continuing margin improvements based on production efficiencies and reductions in product costs, offset by marginal increases in selling, administrative and new product development expenditures. For example, we expect lower glass costs as a result of replacing internally fabricated material with purchased materials from suppliers in Asia and lower coating costs due to larger unit volumes and due to our ability to coat the lenses in-house rather than out-sourcing this service.

During the first half of fiscal 2015, we expended approximately \$410,000 for capital equipment as compared to \$942,000 during the first half of fiscal 2014. The majority of our capital expenditures during both fiscal 2015 and fiscal 2014 were related to the purchase of equipment used to enhance or expand our production capacity, tooling for our precision molded products and equipment and facility improvements for our new facility in Zhenjiang. We anticipate lower expenditures during fiscal 2015; however, the total amount expended will depend on opportunities and circumstances.

### **Off Balance Sheet Arrangements**

We do not engage in any activities involving variable interest entities or off-balance sheet arrangements.

### **Critical Accounting Policies and Estimates:**

**Allowance for accounts receivable** is calculated by taking 100% of the total of invoices that are over 90 days past due from due date and 10% of the total of invoices that are over 60 days past due from the due date for U.S. based accounts and 100% on invoices that are over 120 days past due for China based accounts. Accounts receivable are customer obligations due under normal trade terms. The Company performs continuing credit evaluations of its customers' financial condition. Recovery of bad debt amounts which were previously written off is recorded as a reduction of bad debt expense in the period the payment is collected. If the Company's actual collection experience changes, revisions to its allowance may be required. After attempts to collect a receivable have failed, the receivable is written off against the allowance.

**Inventory obsolescence reserve** is calculated by reserving 100% for items that have not been sold in two years or that have not been purchased in two years and 25% for products which we have more than a two year supply, as well as reserving 50% for other items deemed to be slow moving within the last 12 months and reserving 25% for items deemed to have low material usage within the last six months.

**Revenue** is recognized from product sales when products are shipped to the customer, provided that the Company has received a valid purchase order, the price is fixed, title has transferred, collection of the associated receivable is reasonably assured, and there are no remaining significant obligations. Revenues from product development agreements are recognized as milestones as completed in accordance with the terms of the agreements and upon shipment of products, reports or designs to the customer. Invoiced amounts for value-added taxes (VAT) related to sales are posted to the balance sheet and not included in revenue.

**Stock based compensation** is measured at grant date, based on the fair value of the award, and is recognized as an expense over the employee's requisite service period. We estimate the fair value of each stock option as of the date of grant using the Black-Scholes-Merton pricing model. Most options granted under the Plan vest ratably over two to four years and generally have ten-year contract lives. The volatility rate is based on four-year historical trends in common stock closing prices and the expected term was determined based primarily on historical experience of previously outstanding options. The interest rate used is the U.S. Treasury interest rate for constant maturities. The likelihood of meeting targets for option grants that are performance based are evaluated each quarter. If it is determined that meeting the targets is probable then the compensation expense will be amortized over the remaining vesting period.

#### Item 4. Controls and Procedures

Under the supervision and with the participation of our management, including our Chief Executive Officer and our Chief Financial Officer, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934 (the "Exchange Act")) as of December 31, 2014, the end of the period covered by this report. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of December 31, 2014 in reporting on a timely basis information required to be disclosed by us in the reports we file or submit under the Exchange Act.

During the fiscal quarter ended December 31, 2014, there was no change in our internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.



**PART II OTHER INFORMATION**

**Item 1. Legal Proceedings**

None

**Item 2. Unregistered Sales of Equity Securities and Use of Proceeds**

None

**Item 3. Defaults Upon Senior Securities**

None

**Item 4. Mine Safety Disclosures**

None

**Item 5. Other Information**

On December 23, 2014, the Company and Avidbank entered into the Amended LSA related to an Invoice Base Line. The party subsequently determined that at the term “Collateral Handling Fee” did not accurately reflect the parties’ understanding as to the frequency of the fee. As set forth in the Amended LSA, the “Collateral Handling Fee” could be charged each month. The parties agreed to rectify such mutual mistake by inserting corrected slip pages to change the term “Collateral Handling Fee” with “Administrative Fee” and clarifying that the Administrative Fee is a one-time fee equal to twenty basis points of the face amount of each eligible account being financed. A copy of the modified Amended LSA filed herewith as Exhibit 10.1 and supersedes the version that was previously filed as Exhibit 10.1 to our Current Report on Form 8-K, filed with the SEC on December 23, 2014.

**Item 6. Exhibits**

The following exhibits are filed herewith as a part of this report.

<b>Exhibit Number</b>	<b>Description</b>	<b>Notes</b>
3.1.1	Certificate of Incorporation of Registrant, filed June 15, 1992 with the Secretary of State of Delaware	1
3.1.2	Certificate of Amendment to Certificate of Incorporation of Registrant, filed October 2, 1995 with the Secretary of State of Delaware	1
3.1.3	Certificate of Designations of Class A common stock and Class E-1 common stock, Class E-2 common stock, and Class E-3 common stock of Registrant, filed November 9, 1995 with the Secretary of State of Delaware	1
3.1.4	Certificate of Designation of Series A Preferred Stock of Registrant, filed July 9, 1997 with the Secretary of State of Delaware	2
3.1.5	Certificate of Designation of Series B Stock of Registrant, filed October 2, 1997 with the Secretary of State of Delaware	3
3.1.6	Certificate of Amendment of Certificate of Incorporation of Registrant, filed November 12, 1997 with the Secretary of State of Delaware	3
3.1.7	Certificate of Designation of Series C Preferred Stock of Registrant, filed February 6, 1998 with the Secretary of State of Delaware	4
3.1.8	Certificate of Designation, Preferences and Rights of Series D Participating Preferred Stock of Registrant filed April 29, 1998 with the Secretary of State of Delaware	5
3.1.9	Certificate of Designation of Series F Preferred Stock of Registrant, filed November 2, 1999 with the Secretary of State of Delaware	6
3.1.10	Certificate of Amendment of Certificate of Incorporation of Registrant, filed February 28, 2003 with the Secretary of State of Delaware	7
3.2	Amended and Restated Bylaws of Registrant	1

10.1	<u>Amended and Restated Loan and Security Agreement dated November 23, 2014 by and between LightPath Technologies, Inc. and Avidbank</u>	*
31.1	<u>Certification of Chief Executive Officer pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934</u>	*
31.2	<u>Certification of Chief Financial Officer pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934</u>	*
32.1	<u>Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350 of Chapter 63 of Title 18 of the United States Code</u>	*
32.2	<u>Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350 of Chapter 63 of Title 18 of the United States Code</u>	*
101.INS	XBRL Instance Document	*
101.SCH	XBRL Taxonomy Extension Schema Document	*
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document	*
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document	*
101.LAB	XBRL Taxonomy Extension Label Linkbase Document	*
101.PRE	XBRL Taxonomy Presentation Linkbase Document	*

*Notes:*

1. This exhibit was filed as an exhibit to our Current Report on Form 8-K (File No: 000-27548) filed with the Securities and Exchange Commission on February 3, 2015 and is incorporated herein by reference thereto.
  
2. This exhibit was filed as an exhibit to our annual report on Form 10-KSB40 (File No: 000-27548) filed with the Securities and Exchange Commission on September 11, 1997 and is incorporated herein by reference thereto.
  
3. This exhibit was filed as an exhibit to our quarterly report on Form 10-QSB (File No: 000-27548) filed with the Securities and Exchange Commission on November 14, 1997 and is incorporated herein by reference thereto.

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4. This exhibit was filed as an exhibit to our Registration Statement on Form S-3 (File No. 333-47905) filed with the Securities and Exchange Commission on March 13, 1998 and is incorporated herein by reference thereto.
  
5. This exhibit was filed as an exhibit to our Registration Statement on Form 8-A (File No: 000-27548) filed with the Securities and Exchange Commission on April 28, 1998 and is incorporated herein by reference thereto.
  
6. This exhibit was filed as an exhibit to our Registration Statement on Form S-3 (File No: 333-94303) filed with the Securities and Exchange Commission on January 10, 2000 and is incorporated herein by reference thereto.
  
7. This exhibit was filed as an exhibit to our Proxy Statement (File No: 000-27548) filed with the Securities and Exchange Commission on January 24, 2003 and is incorporated herein by reference thereto.

\* filed herewith

**SIGNATURES**

Pursuant to the requirements 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.

**LIGHTPATH TECHNOLOGIES, INC.**

Date: February 5, 2015 By: /s/ J. James Gaynor  
*President and Chief Executive Officer*

Date: February 5, 2015 By: /s/ Dorothy M. Cipolla  
*Chief Financial Officer*