

XSUNX INC
Form 10-K
January 13, 2010
UNITED STATES

SECURITIES EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K

ANNUAL REPORT PURSUANT TO
THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year Ended September 30, 2009

Commission File Number 000-29621

XSUNX, INC.
(Exact Name of Registrant as Specified in Its Charter)

Colorado
(State of Incorporation)

84-1384159
(I.R.S. Employer
Identification No.)

65 Enterprise, Aliso Viejo, CA 92656
(Address of Principal Executive Offices) (Zip Code)

(949) 330-8060
(Registrant's Telephone Number)

Securities registered pursuant to Section 12(b) of the Act: Title of each class: None

Name of Each Exchange on which Registered: N/A

Securities registered pursuant to Section 12(g) of the Act:

Title of each class: Common Stock, no par value per share

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.
Yes NO x

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes NO x

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), (2) has been subject to the filing requirements for at least the past 90 days. Yes NO o

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

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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer.

(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.)

(Check one): Yes NO

As of September 30, 2009, the aggregate market value of the registrant's common stock held by non-affiliates of the registrant was approximately \$26,983,741 million based on the closing price as reported on the OTCBB.

As of January 12, 2010, there were 200,095,217 shares of the registrant's company stock outstanding.

XSUNX, INC.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Annual Report on Form 10-K contains forward-looking statements within the meaning of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) and the Securities Act of 1933, as amended (the “Securities Act”) which are subject to risks, uncertainties and assumptions that are difficult to predict. All statements in this Annual Report on Form 10-K, other than statements of historical fact, are forward-looking statements. These forward-looking statements are made pursuant to safe harbor provisions of the Private Securities Litigation Reform Act of 1995. The forward-looking statements include statements, among other things, concerning our business strategy, including anticipated trends and developments in and management plans for, our business and the markets in which we operate; future financial results, operating results, revenues, gross margin, operating expenses, products, projected costs and capital expenditures; research and development programs; sales and marketing initiatives; and competition. In some cases, you can identify these statements by forward-looking words, such as “estimate”, “expect”, “anticipate”, “project”, “plan”, “intend”, “believe”, “forecast”, “foresee”, “likely”, “may”, “should”, “goal”, “target”, “might”, and “continue”, the negative or plural of these words and other comparable terminology. The forward-looking statements are only predictions based on our current expectations and our projections about future events. All forward-looking statements included in this Annual Report on Form 10-K are based upon information available to us as of the filing date of this Annual Report on Form 10-K. You should not place undue reliance on these forward-looking statements. We undertake no obligation to update any of these forward-looking statements for any reason. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance, or achievements to differ materially from those expressed or implied by these statements. These factors include the matters discussed in the section entitled “Item 1A: Risk Factors” and elsewhere in this Form 10-K. You should carefully consider the risks and uncertainties described under this section.

For further information about these and other risks, uncertainties and factors, please review the disclosure included in this report under Item 1A “Risk Factors.”

PART I

Item 1. Business.

In this Report, we use the terms “Company,” “XsunX,” “we,” “us,” and “our,” unless otherwise indicated, or the context otherwise requires, to refer to XsunX, Inc.

Organization

XsunX, Inc. (“XsunX,” the “Company” or the “issuer”) is a Colorado corporation formerly known as Sun River Mining Inc. (“Sun River”). The Company was originally incorporated in Colorado on February 25, 1997. Effective September 24, 2003, the Company completed a plan of reorganization and name change to XsunX, Inc.

Business Overview

In the fiscal year ended September 30, 2009 XsunX modified its previous plans to directly establish solar module manufacturing infrastructure. We have re-focused operations on the development of a cross-industry thin film solar manufacturing concept that we believe provides an opportunity for XsunX to establish a competitive advantage within the solar industry. Our current efforts are focused on the combination of highly developed thin film solar processes with state-of-the-art mature magnetic media thin film manufacturing technologies derived from the hard disc drive (HDD) industry to improve manufacturing output, increase cell efficiency and production yields, and lower the costs for the production of high efficiency Copper Indium Gallium (di) Selenide (CIGS) thin film solar cells.

It is our belief that by leveraging the manufacturing processes from the HDD industry and adapting them to thin-film CIGS solar technologies, we can reduce the cost per watt for solar to well below \$1 per watt, thereby making solar a viable alternative in the energy field. Furthermore, it is our belief that our expertise, experience and the proprietary technology we are developing in this area will allow us to seek joint ventures with larger companies thereby generating revenue streams through licensing fees and manufacturing royalties.

Re-Focus Plan of Operations

In late 2008, XsunX began investigating the viability of small area CIGS thin film solar manufacturing technology that would employ the use of high rate thin film manufacturing techniques successfully used within the magnetic media industry to produce hard disc drives (HDD). For decades, the HDD industry has had to continually improve manufacturing output, and production yields, to lower the costs for the production of high efficiency magnetic media. In January 2009, XsunX began working directly with the HDD industry to validate the possibility of transitioning this manufacturing technology to the thin film photovoltaic (TFPV) industry and more specifically for the manufacture of CIGS solar cells.

In February, 2009, XsunX and Intevac, Inc., a leading provider of magnetic media deposition equipment to the hard disk drive (HDD) industry, began to collaborate in the development of techniques and equipment for the production of commercially marketable processes and equipment for the manufacture of CIGS thin-film solar cells on small area wafers similar in size to traditional crystalline silicon wafers of approximately 5” squares. Through the successful combination of cross-industry specialties, XsunX plans to develop a new breed of thin film photovoltaic (TFPV) manufacturing techniques to produce CIGS based thin-film solar cells.

CIGS Thin Film Solar Devices

Copper Indium Gallium (di) Selenide (CIGS) exceeds all other thin film solar cell performance to date delivering nearly 20% conversions in laboratory environments. The Nation Renewable Energy Laboratories (NREL) believes that CIGS solar module efficiencies could easily match silicon performance while costing less to produce. It is this high efficiency low cost potential for CIGS, and its wide array of uses and applications, that provides the basis to drive the cost of energy production for alternative sources to unprecedented new lows. For this reason NREL views CIGS as a significant solar technology and supports continuous development and research efforts related to CIGS thin films. XsunX has found interest in its CIGS program at NREL and is working with NREL to establish a Cooperative Research and Development Agreement to assist in the commercialization process.

We believe that through the successful combination of small area processing techniques with the high rate processing techniques developed within the hard disc media industry , overall factory yields (total watts of production per day) can be increased thereby resulting in lower production costs while still delivering the full energy and low cost potential that CIGS based devices can offer.

CIGS: Current Manufacturing Limitations

Current techniques for the production of CIGS thin films do not leverage stationary small area, high rate, production technologies which allow for the precise control of thin film properties. Development and production of CIGS, and many other thin films like amorphous silicon (a-Si), have focused on the use of large area substrates or continuous moving roll-to-roll deposition methods. While CIGS holds the record for best thin film cell performance at nearly 20% in smaller area devices, scaling these laboratory results to large area devices have proved costly and difficult, resulting in much lower product efficiencies.

A number of manufacturers of CIGS today use large area or continuously moving roll-to-roll substrates in an effort to mass produce and then cut these large areas up into smaller wafer sized pieces for use in solar module assemblies. They sacrifice quality for quantity and the net results are products that deliver only fractions of the CIGS potential. Others employ manufacturing techniques that to date have yet to deliver the potential for low cost and high efficiency CIGS solar cells. Typically most commercially produced CIGS solar cells provide between 8% to 10% conversion efficiencies which leaves virtually 100% of the potential efficiencies untapped.

Rapid Small Area Processing vs. Large Panel Processing

Traditional economies-of-scale theory dictates that large panel processing decreases costs. Large volumes or output are achieved with each batch or panel that comes off a line. This is particularly true for amorphous silicon (a-Si) where 10 to 50 panels can be simultaneously processed in a single large batch system. However, the goal of single cell processing is to achieve similar production volumes but through speed. We believe that the benefits of rapid single cell processing over large panel processing include.

- Factory Floor Print: Large format panels require floor space and while real estate is less expensive than in the past the cost is still significant. In contrast single cell processing can be conducted in a facility that is significantly

smaller. Additionally much of the cost of a large facility is the recurring monthly utility bill which amplifies the problem. The cost of a large facility becomes even larger if clean rooms are required.

- **Product Acceptability:** CIGS is deposited in a substrate configuration and must have a top glass to achieve UL, IEC, and TUV certifications. Without a top glass the product will not meet the 20-30 year lifetime typical for the solar industry. As a result the final product panel weight will be significant. In contrast the single cells that are strung together can use a single tempered top glass and a thin moisture barrier back sheet (similar to a silicon solar cell panel). Not only is handling of the back sheet easier in production the resulting module can be up to ~1/2 the weight.
- **Scrap:** With large format processing, if there is a problem during processing the entire panel is scrapped leading to significant loss of production potential. As a result scraping is a significant problem for large format monolithically integrated solar panels. For a single cell with an area of approximately twenty five square inches (for the 125mm pseudo square), a processing problem results in scraping only about 1.45 Watts of product.
- **Breakage:** Silicon solar cells are very thin and fragile. This leads to losses resulting from breakage during manufacture and assembly. Our proposed CIGS cell deposition is done on stainless steel wafers. Stainless does not break.
- **Large Defects:** A large defect for large area deposition anywhere on the panel will require the entire panel to be scrapped because that defect will 'drag' the rest of the panel to virtually zero output. For single cell production the cell that encountered the defect can simply be removed during cell testing and performance sorting.
- **Small Defects or Composition Variation:** For a large area substrate, statistically there are more small area defects and compositional variations. These defects and compositional variations can cause slightly different performance from cell to cell across the large format monolithically integrated panel. The result is the entire panel is 'drug' down to the lowest current cell. For single cell processing, each cell is tested and binned (or sorted) according to efficiency and current prior to assembly thereby resulting in a more efficient use of a factories potential production capacities.

- **Process Control:** While all of the above are significant factors to consider when comparing large area to small area production, large area process control quite possibly could be the biggest differentiating feature between large monolithically integrated panels. Control of the manufacturing process over a large area, even with well controlled process such as sputtering has shown significant challenges.

CIGS Experience

Our staff experience includes nearly 15 years of thin film and CIGS experience in successful technology development, equipment design, and production of several million square feet CIGS products in a commercial production setting. Our Chief Technology Officer has worked side by side with leading researchers at NREL and in fact shares an R&D 100 award with NREL staff for efforts related to CIGS technology development.

Our resident XsunX thin film CIGS technologists and manufacturing experts are working jointly with a leading producer of manufacturing equipment utilized in the hard disc market to create a unique process of coupling small area deposition (approximately 5X5 inch squares), material control, and material transport technologies from the disk drive industry for use in the production of thin film CIGS solar cells. We are combining the expertise and years of technological improvements derived from the sophisticated hard disc drive manufacturing industry with XsunX staff experience in the thin film industry.

CIGS: Strategy and Differentiation

The XsunX approach is to capitalize on past commercialization experience of CIGS and to combine this experience with smaller area deposition within high rate hard disk drive (HDD) equipment. It is anticipated that the combination of these two principals will lead to solar conversion efficiency approaching that achieved in laboratories as well as achieving high yield and high throughput, similar to the HDD industry.

We are adapting sophisticated high rate production tools from the disk drive industry with process knowledge from the CIGS and thin film industry. By maintaining a relatively small deposition area, we believe reduces a significant challenge that has faced the CIGS industry in the past: maintaining cell performance while scaling production.

We believe that key advantages to the adaptation of high rate HDD technologies to CIGS thin film manufacture include:

The Ability to Leverage Previous Commercialization Experience Developed for CIGS Thin Films and the HDD Industry

- Not Starting from “Scratch”
- Lower Cost Re-Tooling of Existing Systems
- Maximizing:
 - ü Pre-existing Equipment Designs to Speed Development
 - ü Proven High Rate Hard Disk Drive Mass Material and Process Control Techniques
 - ü Small Area Process Controls to Improve Thin Film Quality
- ü Reducing Time to Market Through the Use of Development Systems Sized to Match Commercial Production Systems – No Need to Scale System Architecture to Achieve Commercial Production

Applications for Thin Film CIGS Solar Cells

We believe that high efficiency flexible CIGS solar cells provide an immense opportunity for use in multiple market segments. The modular format of single thin film CIGS solar cells offers an opportunity to become the solar building blocks for a wide variety of applications including:

§ Replacing Existing Silicon Wafers: A virtual drop in replacement for expensive and unpredictable silicon wafer costs. We believe this is a vast market opportunity to replace aging technology.

§ Utility Scale Solar Fields: Due to the modular building block aspect of using wafers solar module size and power output can be tailored to deliver the needs of any size solar farm or application. The constraints of monolithic thin film technology no longer limit panel size.

§ BIPV Products: High performance thin film flexible CIGS wafers can be designed into an array of building products including roofing materials, building facades, and glass.

§ Residential Markets: Unlike lower performance thin film solutions, high performance CIGS modules deliver the energy density necessary to make residential applications economical.

§ Consumer Products: A growing array of consumer products from hand held devices to vehicles and gadgets of all types have begun to integrate solar. Thin film CIGS wafers can be sized to meet the needs of these rapidly growing market segments.

Sales and Marketing

We have developed and have begun to implement a plan to offer joint venture manufacturing opportunities for regional well funded, manufacturing partners in a number of industry sectors. To date we have focused primarily on semiconductor and solar companies. Although XsunX focuses on the development of solar technology and products, we are not a systems or a machine manufacturer. Our plan is to license technology we develop that provides for a complete front end CIGS solar cell manufacturing process coupled with a back end process to convert the CIGS solar cells into solar modules. We have and intend to continue to develop relationships with equipment manufacturers that can build systems to our specifications thereby allowing us to offer turn-key manufacturing solutions to enable our joint venture companies to manufacturer CIGS small area cells quickly and inexpensively.

We anticipate that at the conclusion of the development of our CIGS technology, that we will generate revenue from an array of services and license fees from manufacturers that utilize our technologies. These revenue fees may include inception license fees and royalty streams based upon the efficiencies our unique CIGS technology, guidance for the conversion of new or existing facilities, production line equipment and systems design and markups, training and implementation, as well as R&D support, and product reliability expertise.

Intellectual Property

We plan to market license opportunities for our technology and not directly manufacture the solar technologies and related products that may employ the use of our thin film technologies. This business model requires that we develop and maintain intellectual property that includes both patented and proprietary technologies. We have licensed certain patented and patent pending technologies, and we are developing with the intent to file for patent protection certain other thin film manufacturing technologies. The following is an outline of certain patents and technologies we have acquired, licensed, or are developing:

In September 2003 the Company was assigned the rights to three patents as part of an Asset Purchase Agreement with Xoptix Inc., a California corporation. The patents acquired were No. 6,180,871 for Transparent Solar Cell and Method of Fabrication (Device), granted on January 30, 2001; No. 6,320,117 for Transparent Solar Cell and Method of Fabrication (Method of Fabrication), granted on November 20, 2001; and No. 6,509,204 for Transparent Solar Cell and Method of Fabrication (formed with a Schottky barrier diode and method of its manufacture), granted on January 21, 2003.

In May 2008 XsunX licensed certain patented and patent-pending technologies from MVSystems, Inc. providing XsunX a worldwide, non-exclusive, royalty-free, irrevocable, fully-paid up right and license, with the right to sublicense the following patents and patent application and any reissues, re-examinations, divisionals, continuations and extensions thereof: (a) U.S. Patent No. 6,488,777 B2; (b) U.S. Patent No. 6,258,408 B1; and (c) U.S. Patent App. No. 10/905,545 (Pub. No. US 2005/0150542 A1) (together, the "Patents"). The license limits XsunX to the use of the Patents for the development by XsunX of commercial-grade (i.e. ., web width 30 cm or more and nominal output exceeding 1 megawatt/year based on 1 shift operation) solar cells, photovoltaic technologies, solar cell panels and methods of manufacture. The license grants XsunX exclusive ownership of any improvements made by XsunX to the licensed patents. In April 2009 the Company received notice from MVSystems that U.S. Patent App. No. 10/905,545 (Pub. No. US 2005/0150542 A1) application referenced above had been rejected by the US Patent Office for various deficiencies. In August 2009 MVSystems notified the Company that it had amended its application and re-filed the amended patent application with the U.S Patent Office.

In the fiscal year ended September 30, 2009 we have begun the development of process technology and engineering efforts to adapt certain manufacturing technologies and systems utilized in the production of magnetic media for use to manufacture discreet (individual) thin film solar cells. As we continue to develop these new technologies, we may

actively seek patent protection for certain aspects related to methods and apparatus we develop. We can give no assurance that any such patent(s) will be granted for any process and manufacturing technology that we may develop individually or in conjunction with third parties.

We rely on trademark and copyright law, trade secret protection and confidentiality or license agreements with our employees, customers, partners and others to protect our proprietary rights. We have not been subject to any intellectual property claims.

Company History

XsunX is a Colorado corporation formerly known as Sun River Mining Inc. (“Sun River”). The Company was originally incorporated in Colorado on February 25, 1997. Effective September 24, 2003, the Company completed a Plan of Reorganization and Asset Purchase Agreement (the “Plan”).

Pursuant to the Plan, the Company acquired the following three patents from Xoptix, Inc., a California corporation for Seventy Million (70,000,000) shares of common stock (post reverse split one for twenty): No. 6,180,871 for Transparent Solar Cell and Method of Fabrication (Device), granted on January 30, 2001; No. 6,320,117 for Transparent Solar Cell and Method of Fabrication (Method of Fabrication), granted on November 20, 2001; and No. 6,509,204 for Transparent Solar Cell and Method of Fabrication (formed with a Schottky barrier diode and method of its manufacture), granted on January 21, 2003.

Pursuant to the Plan, the Company authorized the issuance of 110,530,000 (post reverse split) common shares. Prior to the Plan, the Company had no tangible assets and insignificant liabilities. Subsequent to the Plan, the Company completed its name change from Sun River Mining, Inc. to XsunX, Inc. The transaction was completed on September 30, 2003.

Government Contracts

There are no government contracts at this time.

Competitive Conditions

A number of thin film solar cell technologies have and are being developed by other companies. Such technologies include amorphous silicon, cadmium telluride, copper-indium-gallium-selenide (CIGS), and copper indium diselenide as well as advanced concepts in thin film crystalline silicon, and the use of organic materials. Given the benefit of time, investment, and advances in manufacturing technologies any of these competing technologies may be offered in formats delivering power similar or greater to technologies developed that may be developed by us, and they may also achieve manufacturing costs per watt lower than cost per watt to manufacture technologies developed by us.

In accessing the principal competitive factors in the market for solar electric power products, we use price per watt, stability and reliability, conversion efficiency, diversity in use applications, and other performance metrics such as scalability of manufacturing processes and the ability to adapt new technologies into cell designs and the manufacturing process without antiquation of existing infrastructure. If we do not compete successfully with respect to these or other factors, it could materially and adversely affect our business, results of operations, and financial condition.

A number of large companies are actively engaged in the development, manufacturing and marketing of solar electric power products. The seven largest TFPV cell suppliers are Q-Cells, Shell Solar, Sharp Corporation, BP Solar, Kyocera Corporation, First Solar, and Energy Conversion Devices, which together supply the significant portion of the current TFPV market. All of these companies have greater resources to devote to research, development, manufacturing and marketing than we do.

Other competitive factors lie in the current use of other clean, renewable energy technologies such as wind, ocean thermal, ocean tidal, and geo-thermal power sources and conventional fossil fuel based technologies for the production of electricity. We expect our primary competition will be within the solar cell marketplace itself. Barriers to entering the solar cell manufacturing industry include the technical know-how required to produce solar cells that maintain acceptable efficiency rates, the design of efficient and scalable manufacturing processes, and access to necessary manufacturing infrastructure.

Compliance with Environmental Laws and Regulations

The operations of the Company are subject to local, state and federal laws and regulations governing environmental quality and pollution control. Compliance with these regulations by the Company has required that we retain the use of consulting firms to assist in the engineering and design of systems related to equipment operations, management of industrial gas storage and delivery systems, and occupancy fire and safety construction standards to deal with emergency conditions. We do not anticipate that these costs will have a material effect on the Company's operations or competitive position, and the cost of such compliance has not been material. The Company is unable to assess or predict at this time what effect additional regulations or legislation could have on its activities.

Employees and Consultants

As of the fiscal year ended September 30, 2009 we had 5 salaried employees. This represents a decrease of 5 employees over the same period ended 2008. The Company also engages consultants to perform specific functions that otherwise would require an employee. We have not experienced any work stoppages and we consider relations with our employees to be good.

Available Information

Our website address is www.xsunx.com. We make available on our website access to our Annual Report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to these reports that we have filed with the U.S. Securities and Exchange Commission (“SEC”). The information found on our website is not part of this or any other report we file with, or furnish to, the SEC.

Item 1A. Risk Factors

An investment in our common stock involves a high degree of risk. You should carefully consider the following risk factors, as well as the other information in this Annual Report on Form 10-K, in evaluating XsunX and our business. If any of the following risks occur, our business, financial condition and results of operations could be materially and adversely affected. Accordingly, the trading price of our common stock could decline and you may lose all or part of your investment in our common stock. The risks and uncertainties described below are not the only ones we face. Additional risks that we currently do not know about or that we currently believe to be immaterial may also impair our business operations.

We Have Not Generated Any Significant Revenues and Our Financial Statements Raise Substantial Doubt About Our Ability to Continue As A Going Concern.

We are a development stage company and, to date, have not generated any significant revenues. The accompanying consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America, which contemplate our continuation as a going concern. Net loss for the years ended September 30, 2009 and 2008 was \$10,634,133 million and \$4,058,952 million, respectively. Net cash used for operations was \$2,862,327 and \$2,695,476 for the years ended September 30, 2009 and 2008, respectively. From inception through September 30, 2009, we had an accumulated deficit of \$31,709,202.

The items discussed above raise substantial doubt about our ability to continue as a going concern. We cannot assure you that we can achieve or sustain profitability in the future. Our operations are subject to the risks and competition inherent in the establishment of a business enterprise. There can be no assurance that future operations will be profitable. Revenues and profits, if any, will depend upon various factors, including whether our product development can be completed, whether our products will achieve market acceptance and whether we obtain additional financing. We may not achieve our business objectives and the failure to achieve such goals would have a materially adverse impact on us.

We expect that we will need to obtain additional financing to continue to operate our business, including capital expenditures to complete the development of marketable thin film manufacturing technologies, and financing may be unavailable or available only on disadvantageous terms which could cause the Company to curtail its business operations and delay the execution of its business plan.

We have in the past experienced substantial losses and negative cash flow from operations and have required financing, including equity and debt financing, in order to pursue the commercialization of products based on our technologies. We expect that we will continue to need significant financing to operate our business. Furthermore, there can be no assurance that additional financing will be available or that the terms of such additional financing, if available, will be acceptable to us. If additional financing is not available or not available on terms acceptable to us, our ability to fund our operations, complete the development of marketable technologies, develop a sales network, maintain our research and development efforts or otherwise respond to competitive pressures may be significantly impaired. We could also be forced to curtail our business operations, reduce our investments, decrease or eliminate capital expenditures and delay the execution of our business plan, including, without limitation, all aspects of our operations, which would have a material adverse affect on our business.

We may be required to raise additional financing by issuing new securities with terms or rights superior to those of our shares of common stock, which could adversely affect the market price of our shares of common stock and our business.

We will require additional financing to fund future operations, including expansion in current and new markets, development and acquisition, capital costs and the costs of any necessary implementation of technological innovations or alternative technologies. We may not be able to obtain financing on favorable terms, if at all. If we raise additional funds by issuing equity securities, the percentage ownership of our current stockholders will be reduced, and the holders of the new equity securities may have rights superior to those of the holders of shares of common stock, which could adversely affect the market price and the voting power of shares of our common stock. If we raise additional funds by issuing debt securities, the holders of these debt securities would similarly have some rights senior to those of the holders of shares of common stock, and the terms of these debt securities could impose restrictions on operations and create a significant interest expense for us which could have a materially adverse affect on our business.

If future products based on technologies we are developing cannot be developed for manufacture and sold commercially or our products become obsolete or noncompetitive, we may be unable to recover our investments or achieve profitability which will have a materially adverse affect on our business.

There can be no assurance that such research and development efforts will be successful or that we will be able to develop commercial applications for our products and technologies. Further, the areas in which we are developing technologies and products are characterized by rapid and significant technological change. Rapid technological development may result in our products becoming obsolete or noncompetitive. If future products based on our technologies cannot be developed for manufacture and sold commercially or our products become obsolete or noncompetitive, we may be unable to recover our investments or achieve profitability. In addition, the

commercialization schedule may be delayed if we experience delays in meeting development goals, if products based on our technologies exhibit technical defects, or if we are unable to meet cost or performance goals. In this event, potential purchasers of products based on our technologies may choose alternative technologies and any delays could allow potential competitors to gain market advantages.

There is no assurance that the market will accept our products once development has been completed which could have an adverse affect on our business.

There can be no assurance that products based on our technologies will be perceived as being superior to existing products or new products being developed by competing companies or that such products will otherwise be accepted by consumers. The market prices for products based on our technologies may exceed the prices of competitive products based on existing technologies or new products based on technologies currently under development by competitors. There can be no assurance that the prices of products based on our technologies will be perceived by consumers as cost-effective or that the prices of such products will be competitive with existing products or with other new products or technologies. If consumers do not accept products based on our technologies, we may be unable to recover our investments or achieve profitability.

Other companies, many of which have greater resources than we have, may develop competing products or technologies which cause products based on our technologies to become noncompetitive which could have an adverse affect on our business.

We will be competing with firms, both domestic and foreign, that perform research and development, as well as firms that manufacture and sell solar products. In addition, we expect additional potential competitors to enter the markets for solar products in the future. Some of these current and potential competitors are among the largest industrial companies in the world with longer operating histories, greater name recognition, access to larger customer bases, well-established business organizations and product lines and significantly greater resources and research and development staff and facilities. There can be no assurance that one or more such companies will not succeed in developing technologies or products that will become available for commercial sale prior to our products, that will have performance superior to products based on our technologies or that would otherwise render our products noncompetitive. If we fail to compete successfully, our business would suffer and we may lose or be unable to gain market share.

The loss of strategic relationships used in the development of our thin film manufacturing technologies and products could impede our ability to complete the development of our products and have a material adverse affect on our business.

We have established a plan of operations under which a portion of our operations rely on strategic relationships with third parties, to provide systems design, assembly and support. A loss of any of our third party relationships for any reason could cause us to experience difficulties in implementing our business strategy. There can be no assurance that we could establish other relationships of adequate expertise in a timely manner or at all.

We may suffer the loss of key personnel or may be unable to attract and retain qualified personnel to maintain and expand our business which could have a material adverse affect on our business.

Our success is highly dependent on the continued services of a limited number of skilled managers, scientists and technicians. The loss of any of these individuals could have a material adverse effect on us. In addition, our success will depend upon, among other factors, the recruitment and retention of additional highly skilled and experienced management and technical personnel. There can be no assurance that we will be able to retain existing employees or to attract and retain additional personnel on acceptable terms given the competition for such personnel in industrial, academic and nonprofit research sectors.

We may not be successful in protecting our intellectual property and proprietary rights and may be required to expend significant amounts of money and time in attempting to protect these rights. If we are unable to protect our intellectual property and proprietary rights, our competitive position in the market could suffer.

Our intellectual property consists of patents, trade secrets, and trade dress. Our success depends in part on our ability to obtain patents and maintain adequate protection of our other intellectual property for our technologies and products in the U.S. and in other countries. The laws of some foreign countries do not protect proprietary rights to the same extent as do the laws of the U.S., and many companies have encountered significant problems in protecting their proprietary rights in these foreign countries. These problems may be caused by, among other factors, a lack of rules and methods for defending intellectual property rights.

Our future commercial success requires us not to infringe on patents and proprietary rights of third parties, or breach any licenses or other agreements that we have entered into with respect to our technologies, products and businesses. The enforceability of patent positions cannot be predicted with certainty. We intend to apply for patents covering both our technologies and our products, if any, as we deem appropriate. Patents, if issued, may be challenged, invalidated or circumvented. There can be no assurance that no other relevant patents have been issued that could block our ability

to obtain patents or to operate as we would like. Others may develop similar technologies or may duplicate technologies developed by us.

We are not currently a party to any litigation with respect to any of our patent positions or trade secrets. However, if we become involved in litigation or interference proceedings declared by the United States Patent and Trademark Office, or other intellectual property proceedings outside of the U.S., we might have to spend significant amounts of money to defend our intellectual property rights. If any of our competitors file patent applications or obtain patents that claim inventions or other rights also claimed by us, we may have to participate in interference proceedings declared by the relevant patent regulatory agency to determine priority of invention and our right to a patent of these inventions in the U.S. Even if the outcome is favorable, such proceedings might result in substantial costs to us, including, significant legal fees and other expenses, diversion of management time and disruption of our business. Even if successful on priority grounds, an interference proceeding may result in loss of claims based on patentability grounds raised in the interference proceeding. Uncertainties resulting from initiation and continuation of any patent or related litigation also might harm our ability to continue our research or to bring products to market.

An adverse ruling arising out of any intellectual property dispute, including an adverse decision as to the priority of our inventions would undercut or invalidate our intellectual property position. An adverse ruling also could subject us to significant liability for damages, prevent us from using certain processes or products, or require us to enter into royalty or licensing agreements with third parties. Furthermore, necessary licenses may not be available to us on satisfactory terms, or at all.

Confidentiality agreements with employees and others may not adequately prevent disclosure of trade secrets and other proprietary information.

To protect our proprietary technologies and processes, we rely on trade secret protection as well as on formal legal devices such as patents. Although we have taken security measures to protect our trade secrets and other proprietary information, these measures may not provide adequate protection for such information. Our policy is to execute confidentiality and proprietary information agreements with each of our employees and consultants upon the commencement of an employment or consulting arrangement with us. These agreements generally require that all confidential information developed by the individual or made known to the individual by us during the course of the individual's relationship with us be kept confidential and not be disclosed to third parties. These agreements also generally provide that technology conceived by the individual in the course of rendering services to us shall be our exclusive property. Even though these agreements are in place there can be no assurances that that trade secrets and proprietary information will not be disclosed, that others will not independently develop substantially equivalent proprietary information and techniques or otherwise gain access to our trade secrets, or that we can fully protect our trade secrets and proprietary information. Violations by others of our confidentiality agreements and the loss of employees who have specialized knowledge and expertise could harm our competitive position and cause our sales and operating results to decline as a result of increased competition. Costly and time-consuming litigation might be necessary to enforce and determine the scope of our proprietary rights, and failure to obtain or maintain trade secret protection might adversely affect our ability to continue our research or bring products to market.

Downturns in general economic conditions could adversely affect our profitability.

Downturns in general economic conditions can cause fluctuations in demand for our products, product prices, volumes and margins. Future economic conditions may not be favorable to our industry. A decline in the demand for our products or a shift to lower-margin products due to deteriorating economic conditions could adversely affect sales of our intended products and our profitability and could also result in impairments of certain of our assets.

Standards for compliance with section 404 of The Sarbanes-Oxley Act Of 2002 are uncertain, and if we fail to comply in a timely manner, our business could be harmed and our stock price could decline.

This annual report does not include an attestation report of the company's registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the company's registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit the company to provide only management's report in this annual report. The standards that must be met for management to assess the internal control over financial reporting as effective are new and complex, and require significant documentation, testing and possible remediation to meet the detailed standards and will impose significant additional expenses on us. We may encounter problems or delays in completing activities necessary to make an assessment of our internal control over financial reporting. In addition, rules may be adopted by the SEC, pursuant to Section 404 of the Sarbanes-Oxley Act of 2002 that will require annual assessment of our internal control over financial reporting, and attestation of our assessment by our independent registered public accountants. The attestation process by our independent registered public accountants will be new and we may encounter problems or delays in completing the implementation of any requested improvements and receiving an attestation of our assessment by our independent registered public accountants. If we cannot assess our internal control over financial reporting as effective, or our independent registered public accountants are unable to provide an unqualified attestation report on such assessment, investor confidence and share value may be negatively impacted.

Our common stock is considered a "Penny Stock" and as a result, related broker-dealer requirements affect it's trading and liquidity.

Our common stock is considered to be a “penny stock” since it meets one or more of the definitions in Rules 15g-2 through 15g-6 promulgated under Section 15(g) of the Exchange Act. These include but are not limited to the following: (i) the common stock trades at a price less than \$5.00 per share; (ii) the common stock is not traded on a “recognized” national exchange; (iii) the common stock is not quoted on the NASDAQ Stock Market, or (iv) the common stock is issued by a company with average revenues of less than \$6.0 million for the past three (3) years. The principal result or effect of being designated a “penny stock” is that securities broker-dealers cannot recommend our Common Stock to investors, thus hampering its liquidity.

Section 15(g) and Rule 15g-2 require broker-dealers dealing in penny stocks to provide potential investors with documentation disclosing the risks of penny stocks and to obtain a manually signed and dated written receipt of the documents before effecting any transaction in a penny stock for the investor’s account. Potential investors in our Common Stock are urged to obtain and read such disclosure carefully before purchasing any of our shares.

Moreover, Rule 15g-9 requires broker-dealers in penny stocks to approve the account of any investor for transactions in such stocks before selling any penny stock to that investor. This procedure requires the broker-dealer to (i) obtain from the investor information concerning his or her financial situation, investment experience and investment objectives; (ii) reasonably determine, based on that information, that transactions in penny stocks are suitable for the investor and that the investor has sufficient knowledge and experience as to be reasonably capable of evaluating the risks of penny stock transactions; (iii) provide the investor with a written statement setting forth the basis on which the broker-dealer made the determination in (ii) above; and (iv) receive a signed and dated copy of such statement from the investor, confirming that it accurately reflects the investor’s financial situation, investment experience and investment objectives.

The trading market in our common stock is limited and may cause volatility in the market price.

Our common stock is currently traded on a limited basis on the OTCBB. The OTCBB is an inter-dealer, over-the-counter market that provides significantly less liquidity than the NASDAQ Stock Market and the other national markets. Quotes for stocks included on the OTCBB are not listed in the financial sections of newspapers as are those for the NASDAQ Stock Market. Therefore, prices for securities traded solely on the OTCBB may be difficult to obtain.

The quotation of our common stock on the OTCBB does not assure that a meaningful, consistent and liquid trading market currently exists, and in recent years such market has experienced extreme price and volume fluctuations that have particularly affected the market prices of many smaller companies like us. Thus, the market price for our common stock is subject to volatility and holders of common stock may be unable to resell their shares at or near their original purchase price or at any price. In the absence of an active trading market:

- investors may have difficulty buying and selling or obtaining market quotations;
- market visibility for our common stock may be limited; and
- a lack of visibility for our common stock may have a depressive effect on the market for our common stock.

Due to the low price of the securities, many brokerage firms may not be willing to effect transactions in the securities. Even if a purchaser finds a broker willing to effect a transaction in these securities, the combination of brokerage commissions, state transfer taxes, if any, and any other selling costs may exceed the selling price. Further, many lending institutions will not permit the use of such securities as collateral for any loans. Such restrictions could have a materially adverse affect on our business.

We may have difficulty raising necessary capital to fund operations as a result of market price volatility for our shares of common stock.

The market price of our common stock is likely to be highly volatile and could fluctuate widely in price in response to various factors, many of which are beyond our control, including:

- technological innovations or new products and services by us or our competitors;
- additions or departures of key personnel;
- sales of our common stock;
- our ability to integrate operations, technology, products and services;
- our ability to execute our business plan;
- operating results below expectations;
- loss of any strategic relationship;
- industry developments;
- economic and other external factors; and
- period-to-period fluctuations in our financial results.

Because we have a limited operating history with limited revenues to date, you may consider any one of these factors to be material. Our stock price may fluctuate widely as a result of any of the above listed factors. In recent years, the securities markets in the United States have experienced a high level of price and volume volatility, and the market price of securities of many companies have experienced wide fluctuations that have not necessarily been related to the

operations, performances, underlying asset values or prospects of such companies. For these reasons, our shares of common stock can also be expected to be subject to volatility resulting from purely market forces over which we will have no control. If our business development plans are successful, we may require additional financing to continue to develop and exploit existing and new technologies and to expand into new markets. The exploitation of our technologies may, therefore, be dependent upon our ability to obtain financing through debt and equity or other means.

Item 1B. Unresolved Staff Comments

As of the date of this Annual Report on Form 10-K, there are no unresolved staff comments regarding our previously filed periodic or current reports under the Securities Exchange Act of 1934, as amended.

Item 2. Properties

California Corporate Office Lease

Effective April 1, 2009 the Company reduced its leased facilities at its Aliso Viejo, CA offices by approximately 50%. This resulted in associated reductions to monthly lease and facility expenses totaling approximately \$2,000 leaving a monthly lease and facility liability of approximately \$1,400. The Company plans to continue to lease these facilities for the foreseeable future.

Oregon Manufacturing Facility Lease and Lease Termination

In furtherance of its revised plan of operations focusing on the development of new manufacturing technology for CIGS thin films, and plans to establish manufacturing operations through joint venture license agreements for such new technology, the Company elected to eliminate its Oregon based facility. On August 27, 2009, the Company entered into a lease termination and mutual release of claims with Merix Corporation, an Oregon corporation. Pursuant to the terms of the Agreement, the Parties agreed to terminate that certain sublease agreement by and between the Parties, dated April 1, 2008, related to certain real property described therein which comprised the Company's Oregon based facility (the "Premises"). Accordingly, the Company agreed to vacate the Premises on or before September 1, 2009. In connection with the termination of the Sublease, the Company also agreed (a) to sell certain equipment, currently housed on the Premises, to Merix for the amount of \$111,620, (b) to allow Merix to complete a full drawdown of that certain \$106,000 irrevocable letter of credit issued by Wells Fargo Bank, N.A., at the request of the Company, in favor of Merix. The combined amounts of the sale of equipment and draw down to the letter of credit totaling \$217,620 were credited to the accrued lease payment liabilities. The remaining accrued lease payment liabilities and contractual term lease obligation were reduced to \$456,920.66 and the Company issued an unsecured promissory note in favor of Merix in the amount of \$456,920.66. The note accrues interest at 10% per annum. The Parties agreed to unconditionally release each other from the obligations imposed by, or related to, the Sublease, except for the obligations established by the Agreement. The termination of the Sublease eliminates continued monthly operating costs associated with the facility, which the Company no longer requires for its plan of operations, while also reducing the Company's short-term liabilities associated with the lease to zero and reducing the Company's long-term liabilities by approximately sixty-five percent (65%).

Colorado Facilities Lease

On September 30, 2009 the Company extended the lease at its Golden, Colorado facility for an additional six months expiring on March 31, 2010 at the lease rate of \$1,790 per month plus \$945.00 in triple net for a total of \$2,735 per month. While the Company does not currently conduct operations of any significance in the facility a machine built under contract for the Company, and held in inventory for sale by the Company, is housed in this facility and we are engaged in efforts to market and sell this machine. Upon the sale of the machine we do not anticipate continued use of the facility in our operations.

The Company owns no real property.

Item 3. Legal Proceedings

In the ordinary conduct of our business, we may become involved in various lawsuits and legal proceedings, which arise in the ordinary course of business. However, litigation is subject to inherent uncertainties, and an adverse result in these or other matters may arise from time to time that may harm our business. We are currently not aware of any such legal proceedings or claims that we believe will have, individually or in the aggregate, a material adverse affect on our business, financial condition or operating results except as set forth below.

On September 3, 2009, XsunX received notice of an action filed by a vendor in the State of Oregon, Multnomah County, requesting, a) that the court grant the re-possession of certain industrial gas management equipment (the "equipment") for shipment back to the vendor (XsunX had returned the equipment to the vendor on August 28, 2009), b) that the court grant the vendor unspecified re-stocking and re-shipment fees, or c) the sum of \$117,207.07 plus interest and collection fees for payment for the equipment. The vendor allegations stem from XsunX's determination that the vendor had modified an order for the equipment previously placed by XsunX without approval by XsunX through the issuance of an authorizing purchase order. Attempts by XsunX to return the equipment were met with demands for re-stocking fees from the vendor. XsunX has refused to pay re-stocking fees for equipment it believes was modified without approval. The vendor agreed to the return of the equipment and then subsequently filed its claim. Since the

filing of the claim the vendor has proposed that it provide XsunX with a re-stocking credit leaving approximately \$95,000 in re-stocking fees, interest, and collection fees. We dispute this amount and have retained counsel to aggressively defend this matter.

Item 4. Submission of Matters to a Vote of Security Holders

None during the period ended September 30, 2009.

PART II

Item 5. Market for Registrant's Common Equity and Related Stockholder Matters and Issuer Purchases of Equity Securities

Price Range of Common Stock

The Company's common stock trades on the OTC Bulletin Board under the symbol "XSUNX". The range of high, low and close bid quotations for the Company's common stock by fiscal quarter within the last two fiscal years, as reported by the National Quotation Bureau Incorporated, was as follows:

Year Ended September 30, 2009	High	Low	Close
First Quarter ended December 31, 2008	0.30	0.18	0.19
Second Quarter ended March 31, 2009	0.20	0.09	0.16
Third Quarter ended June 30, 2009	0.17	0.11	0.13
Fourth Quarter ended September 30, 2009	0.22	0.10	0.15
Year Ended September 30, 2008			
First Quarter ended December 31, 2007	0.55	0.29	0.55
Second Quarter ended March 31, 2008	0.74	0.35	0.40
Third Quarter ended June 30, 2008	0.51	0.38	0.39
Fourth Quarter ended September 30, 2008	0.43	0.26	0.26

The market price for our common stock, like that of other technology companies, is highly volatile and is subject to fluctuations in response to variations in our operating results, announcements related to technological innovation or business development, or other events and factors. Our stock price may also be affected by broader market trends unrelated to our performance.

The above quotations reflect inter-dealer prices, without retail mark-up, mark-down, or commission and may not necessarily represent actual transactions.

Number of Holders

As of September 30, 2009, there were approximately 286 record holders of the Company's common stock, not counting shares held in "street name" in brokerage accounts which is unknown. As of September 30, 2009, there were approximately 196,484,610 shares of common stock outstanding on record with the Company's stock transfer agent, Mountain Share Transfer. On September 30, 2009 the last reported sales price of our common stock on the OTCBB was \$0.15 per share.

Transfer Agent

Our transfer agent is Mountain Share Transfer, Inc. located at 1625 Abilene Drive, Broomfield, CO 80020

Dividends

The Company has not declared or paid any cash dividends on its common stock and does not anticipate paying dividends for the foreseeable future.

Stock Option Plan

On January 5, 2007, the Board of Directors of XsunX resolved to establish the Company's 2007 Stock Option Plan to enable the Company to obtain and retain the services of the types of employees, consultants and directors who could contribute to the Company's long range success and to provide incentives which are linked directly to increases in share value which will inure to the benefit of all stockholders of the Company. Options granted under the Plan may be either Incentive Options or Nonqualified Options and shall be administered by the Company's Board of Directors ("Board"). Each Option shall be exercisable to the nearest whole share, in installments or otherwise, as the respective Option agreements may provide. Notwithstanding any other provision of the Plan or of any Option agreement, each Option shall expire on the date specified in the Option agreement. A total of 20,000,000 shares of common stock are authorized under the plan.

Stock Compensation, Issuance of Stock Purchase Options

During the fiscal year ended September 30, 2009, the board of directors authorized the grant of options to purchase an aggregate 5,350,000 stock options. The stock options are exercisable for a period of five years from the date of grant at an exercise price between \$0.16 and \$0.36 per share and expire at various times through March 2014.

Employment Option Grants — In connection with the Company's efforts to develop and commercialize thin film solar manufacturing technology and as part of reductions to salaries, the Company authorized employment option grants to the following employees on in the year ended September 30, 2009. The options have a 5 year exercise terms and vest in conjunction with employment and performance milestones based vesting schedule as described below:

Name	Date of Grant	Amount	Exercise Price	Term
Vanessa Watkins (1)	October 10, 2008	115,000	\$ 0.36	5 yr.
Tyler Anderson	October 10, 2009	100,000	\$ 0.36	5 yr.
Yang Zhuang	October 29, 2009	20,000	\$ 0.36	5 yr.
Vanessa Watkins (2)	March 31, 2009	115,000	\$ 0.16	5 yr.
Joseph Grimes	March 31, 2009	2,500,000	\$ 0.16	5 yr.
Robert G. Wendt	March 31, 2009	2,500,000	\$ 0.16	5 yr.

The vesting schedule for Vanessa Watkins is as follows:

- (a) (1) The Option became exercisable in the amount of 38,334 shares on April 6, 2009. Thereafter, the Option shall vest and become exercisable at the rate of 38,333 Shares per year of continuous employment.
- (2) The Option became exercisable in the amount of 38,334 shares on April 1, 2009. Thereafter, the Option shall vest and become exercisable at the rate of 38,333 Shares per year of continuous employment.

The vesting schedule for Tyler Anderson is as follows:

- (a) The Option became exercisable in the amount of 33,334 shares on May 12, 2009. Thereafter, the Option shall vest and become exercisable at the rate of 33,333 Shares per year of continuous employment. As of September 30, 2009 Mr. Anderson no longer worked for the Company and the total grant of 100,000 options was terminated and the options were returned to the pool of available options under the XsunX 2007 Stock Option Plan.

The vesting schedule for Yang Zhuang is as follows:

- (a) The Option became exercisable in the amount of 6,667 shares on August 18, 2009. Thereafter, the Option shall vest and become exercisable at the rate of 6,666 Shares per year of continuous employment. As of September 30, 2009 Mr. Zhuang no longer worked for the Company and the total grant of 20,000 options was terminated and the options were returned to the pool of available options under the XsunX 2007 Stock Option Plan.

The vesting schedule for Mr. Grimes and Mr. Wendt is as follows:

The option became exercisable in the following amounts upon the delivery and/or achievement by the optionee(s) of the following employment and performance milestones:

- (a) 208,333 shares vested on April 1, 2009 and thereafter 208,333 shall vest per each XsunX fiscal calendar quarter of continuous employment from the date of grant.
- (b) In the event of a sale or merger of all or substantially all of the Company's assets to an acquiring party following which the Company would not be a surviving operating entity, the Company will provide Optionee a fifteen (15) day prior notice of such proposed event providing for immediate vesting of all remaining unvested Options.
- (c)

All remaining unvested Options shall vest and become exercisable upon the assembly and third party validation of a functioning XsunX manufactured solar module producing a 10% frame to frame average DC power conversion rating under standard test conditions (STC), and the subsequent sale and delivery of a solar module manufactured by XsunX meeting similar specifications.

Table of Equity Compensation

The following table sets forth summary information, as of September 30, 2009, concerning securities authorized for issuance under all equity compensation plans and agreements for the fiscal years ended September 30, 2009, and 2008 is as follows:

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	2009	2008
Risk free interest rate	1.67% to 2.77%	3.23% to 4.87%
Stock volatility factor	90.56% to 104.73%	53% to 122%
Weighted average expected option life	5 years	5 years
Expected dividend yield	None	None

A summary of the Company's stock option activity and related information follows:

	2009		2008	
	Number of Options	Weighted average exercise price	Number of Options	Weighted average exercise price
Outstanding, beginning of year	5,750,000	\$ 0.39	1,950,000	\$ 0.46
Granted	5,350,000	\$ 0.17	3,800,000	\$ 0.36
Exercised	-	\$ -	-	\$ -
Expired	(920,000)	\$ 0.41	-	\$ -
Outstanding, end of year	10,180,000	\$ 0.27	5,750,000	\$ 0.39
Exercisable at the end of year	4,927,500	\$ 0.33	2,927,500	\$ 0.40
Weighted average fair value of options granted during the year		\$ 0.11		\$ 0.28

The weighted average remaining contractual life of options outstanding issued under the plan as of September 30, 2009 was as follows:

Exercisable Prices	Stock Options Outstanding	Stock Options Exercisable	Weighted Average Remaining Contractual Life (years)
\$ 0.46	1,150,000	950,000	2.32 years
\$ 0.53	100,000	100,000	2.40 years
\$ 0.45	100,000	100,000	2.56 years
\$ 0.41	100,000	100,000	2.91 years
\$ 0.36	2,500,000	1,437,500	3.07 years
\$ 0.36	500,000	437,500	3.12 years
\$ 0.36	500,000	437,500	3.16 years
\$ 0.36	115,000	57,501	4.03 years
\$ 0.16	5,115,000	1,307,499	4.50 years
	10,180,000	4,927,500	

Stock-based compensation expense recognized during the period is based on the value of the portion of stock-based payment awards that is ultimately expected to vest. Stock-based compensation expense recognized in the financial statements of operations during the year ended September 30, 2009, included compensation expense for the stock-based payment awards granted prior to, but not yet vested, as of September 30, 2009 based on the grant date fair value estimated, and compensation expense for the stock-based payment awards granted subsequent to September 30, 2009, based on the grant date fair value estimated. We account for forfeitures as they occur. The stock-based

compensation expense recognized in the statement of operations during the fiscal years ended September 30, 2009 and 2008 was \$534,518 and \$673,287, respectively.

Warrants

During the fiscal year ended September 30, 2009, the Company issued no warrants. At September 30, 2009, the Company had a total of 4,195,332 warrants to purchase 4,047,332 shares of common stock outstanding.

A summary of the Company's warrants activity and related information follows:

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	2009		2008	
	Number of Options	Weighted average exercise price	Number of Options	Weighted average exercise price
Outstanding, beginning of year	4,195,332	\$ 0.61	15,362,000	\$ 0.22
Granted	-	\$ -	3,333,332	\$ 0.63
Exercised	-	\$ -		\$ -
Expired	-	\$ -	(14,500,000)	\$ 0.20
Outstanding, end of year	4,195,332	\$ 0.61	4,195,332	\$ 0.61
Exercisable at the end of year	4,047,332	\$ 0.62	4,047,332	\$ 0.61
Weighted average fair value of warrants granted during the year		\$ -		\$ 0.63

At September 30, 2009, the weighted average remaining contractual life of options outstanding:

Exercisable Prices	Warrants Outstanding	Warrants Exercisable	Weighted Average Remaining Contractual Life (years)
\$ 1.69	112,000	112,000	1.51 years
\$ 0.51	500,000	352,000	1.80 years
\$ 0.20	250,000	250,000	2.25 years
\$ 0.50	1,666,666	1,666,666	3.09 years
\$ 0.75	1,666,666	1,666,666	3.09 years
	4,195,332	4,047,332	

Recent Sales of Securities (Registered and Unregistered)

The authorized Common stock of the Company was established at 500,000,000 shares with no par value. The Company is also authorized to issue 50,000,000 shares of preferred stock with a par value of \$0.01 per share. The rights, preferences and privileges of the holders of the preferred stock will be determined by the Board of Directors prior to issuance of such shares. The following represents a detailed analysis of the 2009 Common stock transactions.

In the fiscal period ended September 30, 2009, there was a placement of the Company's common stock pursuant to an S-1 Registration declared effective by the U.S. Securities and Exchange Commission on April 10, 2008. Pursuant to the S-1 Registration, the Company sold 3,000,000 shares of common stock at a price of \$0.20 each, for total proceeds of \$600,000 to Fusion Capital Fund II, LLC. Pursuant to the S-1 Registration Statement declared effective by the SEC on April 10, 2008, the Company has sold to Fusion Capital Fund II, LLC through September 30, 2009, a total of approximately 18,347,581 shares for a total investment of \$5,808,723. These shares were sold at various pricing between \$0.405 and \$0.20 per share. The registration statement is currently not available for use for sales to Fusion.

Through private placements, on September 8th and 23rd, 2009, which were made in reliance upon an exemption from registration under rule 506 of Regulation D promulgated under Section 4(2) of the Securities Act of 1933, we issued 1,129,483 and then 5,000,000 restricted shares of common stock respectively to an Accredited Investor, as defined in

Rule 501(a) of Regulation D as promulgated by the SEC, for gross cash proceeds of \$70,000 on September 8, 2009, and gross cash proceeds of \$350,000 on September 23, 2009.

Issuance of Shares for Services

For the fiscal period ended September 30, 2009, the Company issued a total of 1,062,690 shares of its restricted common stock in connection with service agreements to provide various marketing, and consulting services to the Company as follows:

In November 2008, the Company issued 50,000 shares of its restricted common stock in connection with a service agreement to provide marketing and financing service to the Company. The shares were valued at \$0.22 per share, the share price on the date the agreement was reached. The service agreement ended on December 31, 2008.

In August 2009, the Company issued 76,976 shares of its restricted common stock as payment for \$10,500 in accrued service fees in connection with a service agreement to provide marketing and public relations services to the Company. The shares were valued at \$0.1364 per share, the average share price between the period May 1, 2009 and August 30, 2009 in which the fees were accrued and services were rendered.

In August 2009, the Company issued 900,000 shares of its restricted common stock in connection with a service agreement to provide marketing and public relations services to the Company. The shares were valued at \$0.12 per share, the share price on the date the agreement was reached. The service provider has agreed not to sell or transfer the shares prior to September 2010.

In September 2009, the Company issued 35,714 shares of its restricted common stock in connection with a service agreement to provide marketing and financing service to the Company. Subject to the service agreement the shares were valued at \$5,000.

Use of Proceeds from the Sale of Securities

The proceeds from the above sales of securities were and are being used primarily to fund efforts by the Company to develop marketable technologies for the manufacture of thin film solar technologies, and in the day-to-day operations of the Company and to pay the accrued liabilities associated with these operations.

Item 6. Selected Financial Data

N/A

Item 7. Management's Discussion and Analysis or Plan of Operations

Cautionary and Forward-Looking Statements

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with our consolidated financial statements and the related notes included elsewhere in this Annual Report on Form 10-K. In addition to historical consolidated financial information, the following discussion and analysis contains forward-looking statements that involve risks, uncertainties and assumptions as described under the "Cautionary Note Regarding Forward-Looking Statements" that appears earlier in this Annual Report on Form 10-K. Our actual results could differ materially from those anticipated by these forward-looking statements as a result of many factors, including those discussed under "Item 1A: Risk Factors" and elsewhere in this Annual Report on Form 10-K.

The Company undertakes no obligation to publicly revise these forward-looking statements to reflect events or circumstances that arise after the date hereof. Readers should carefully review the factors described in other documents the Company files from time to time with the Securities and Exchange Commission, including the Quarterly Reports on Form 10-Q and Annual Report on Form 10-K filed and any Current Reports on Form 8-K filed by the Company.

Business Overview

In the fiscal year ended September 30, 2009 XsunX modified its previous plans to directly establish solar module manufacturing infrastructure. We have re-focused operations on the development of a cross-industry thin film solar manufacturing concept that we believe provides an opportunity for XsunX to establish a competitive advantage within the industry. Our current efforts are focused on the combination of highly developed thin film solar processes with state-of-the-art mature magnetic media thin film manufacturing technologies derived from the hard disc drive (HDD) industry to improve manufacturing output, increase cell efficiency and production yields, and lower the costs for the production of high efficiency Copper Indium Gallium (di) Selenide (CIGS) thin film solar cells.

It is our belief that by leveraging the manufacturing processes from the HDD industry and adapting them to thin-film solar technologies, we can reduce the cost per watt for solar to well below \$1 per watt, thereby making solar a viable

alternative in the energy field. Furthermore, it is our belief that our expertise, experience and proprietary technology in this area will allow us to seek joint ventures with larger companies thereby generating revenue streams through licensing fees and manufacturing royalties.

Plan of Operations

For the fiscal year ending September 30, 2010, the Company has developed a plan of operations based upon three significant management implementations which began in the 2009 fiscal year. The first is cost-cutting measures, including the closure of the Oregon solar module manufacturing facility which was under assembly, layoff of staff employed under efforts to establish the Oregon facility, and an across the board reduction of salaries, with the intended goal of reducing operating expenses not directly related to the development of new technologies under the Company's revised plans. The second was a modified sales strategy. Rather than operate under a direct manufacturing business model, XsunX plans to develop joint-ventures with pre-existing semi-conductor companies that management believes may be capable and prepared to invest in the green energy market. Lastly, we have re-focused operations on the development of a cross-industry thin film solar manufacturing concept that we believe provides an opportunity for XsunX to establish a competitive advantage within the industry. In furtherance of these efforts the Company has begun the development of a hybrid manufacturing system combining certain technologies derived from the magnetic media manufacturing industry with manufacturing techniques for thin film solar to produce high efficiency Copper Indium Gallium (di) Selenide (CIGS) thin film solar cells.

Our current Plan of Operations, based upon the aforementioned activities, commits \$1.65 million for general, administrative and working capital under a phase one plan necessary to prove and prepare the commercial viability of the new thin film CIGS manufacturing systems we are developing. Once we have completed our initial development efforts and proven the commercial viability of these new manufacturing technologies we plan to launch a phase two plan to establish a pilot production system for marketing and sales efforts, continued process improvement, and general business development efforts related to the commercialization of our proposed new CIGS manufacturing technology.

The Company may change any or all of the budget categories in the execution of its business attempts. None of the items is to be considered fixed or unchangeable.

Management believes the summary data and audit presented herein is a fair presentation of the Company's results of operations for the periods presented. Due to the Company's change in primary business focus and new business opportunities these historical results may not necessarily be indicative of results to be expected for any future period. As such, future results of the Company may differ significantly from previous periods.

Results of Operations for the Fiscal Year Ended September 30, 2009 Compared to Fiscal Year Ended September 30, 2008

Revenue and Cost of Sales:

The Company generated no revenues in the fiscal years ended September 30, 2009, and 2008. There were no associated costs of goods sold in any of the fiscal periods represented above. The Company to date has had minimal revenue and cost of sales, and is still in the development stage.

Selling and Marketing Expenses:

Selling and Marketing (S&M) expenses decreased by (\$224,498) during the fiscal year ended September 30, 2009 to \$212,700 as compared to \$437,198 for the fiscal year ended September 30, 2008. The decreases in S&M expenses were primarily due to a decrease in branding efforts and investor relations expenses associated with the Company's efforts to modify its plan of operations.

General and Administrative Expenses:

General and Administrative (G&A) expenses increased by \$55,494 during the fiscal year ended September 30, 2009 to \$2,745,269 as compared to \$2,689,775 for the fiscal year ended September 30, 2008. The increase in G&A expenses were primarily due to the increase in rent and operating expense for the Oregon facilities related to the Company's prior efforts to establish amorphous silicon solar module manufacturing operations, and accounting expenses related to the Company's re-audit of the fiscal years ended September 30, 2007, and 2006.

Research and Development:

Research and development expenses increased by \$399,474 during the fiscal year ended September 30, 2009 to \$358,884 as compared to (\$40,590) for the fiscal year ended September 30, 2008. The increase in R&D was due primarily to an increase in contract engineering expenses and laboratory materials related to the Company's efforts to develop new manufacturing technology for the production of thin film CIGS solar technologies, and because the Company had recovered previous R&D expenses in the fiscal year ended September 30, 2008.

Net Loss:

For the fiscal year ended September 30, 2009, our net loss was (\$10,634,133) as compared to a net loss of (\$4,058,952) for the fiscal year ended September 30, 2008. This increase in Net Loss of \$6,575,180 compared to the fiscal year ended September 30, 2008 was primarily driven by the Company's impairment of certain assets related to the Company's prior efforts to establish amorphous silicon solar module manufacturing infrastructure. This impairment resulted in an expense of \$5,826,990. This represents a total write down to zero for the portion of the Company's Manufacturing Equipment in Process account that the Company does not anticipate using under its new plan of operations. The valuation adjustment was the result of an analysis of certain significant unobservable events and the inputs used in determining the amount of the valuation adjustment include the decision to move to new manufacturing technology under efforts to establish a competitive advantage.

Liquidity and Capital Resources

We had working capital at September 30, 2009 of \$517,387, as compared to working capital of \$3,321,294 as of September 30, 2008. The decrease in working capital of \$2,803,907 was the result of an increase in operating expenses, and no revenue producing activities for the fiscal year ended September 30, 2009.

Cash flow used by operating activities was (\$2,862,327) for the fiscal year ended September 30, 2009, as compared to cash flow used by operating activities of (\$2,695,476) for the fiscal year ended September 30, 2008. The increase in cash flow used of \$166,851 by operating activities was primarily due to the increase of \$(6,575,181) in operating net loss due to the Company refocusing its operations from solar module manufacturing to focus on development of new thin film solar technology. The majority of the net change in net loss consisted of an increase in asset impairment of \$5,611,365, and an increase in write down of inventory asset of \$1,117,000.

Cash flow used in investing activities was \$(16,174) for the fiscal year ended September 30, 2009, as compared to cash flow used in investing activities of (\$4,228,623) during the fiscal year ended September 30, 2008. The decrease in investing activities of \$4,212,449, primarily due to the Company's change in business development focus, whereby, there were no investments in manufacturing equipment and facilities in process, and the purchase of fixed assets decreased by \$95,039. Also, the Company had a no notes receivable for the fiscal year ended September 30, 2009.

Cash flow provided by financing activities was \$1,020,000 for the fiscal year ended September 30, 2009, as compared to cash provided by financing activities of \$7,544,700 during the fiscal year ended September 30, 2008. The decrease in cash flow provided by financing activities of \$6,524,700 was the result of a reduction to cash provided through equity financing.

The Company is currently engaged in efforts to develop a cross-industry thin film solar manufacturing concept that we believe provides an opportunity for XsunX to establish a competitive advantage within the solar industry. However the cash flow requirements associated with the completion of these development efforts, and the transition to revenue recognition will exceed cash generated from operations in the current and future periods. We may seek to obtain additional financing from equity and/or debt placements. We have been able to raise capital in a series of equity and debt offerings in the past. While there can be no assurances that we will be able to obtain such additional financing, on terms acceptable to us and at the times required, or at all, we believe that sufficient capital can be raised in the foreseeable future as necessary.

Off-Balance Sheet Arrangements

We do not have any relationships with unconsolidated entities or financial partnerships such as entities often referred to as structured finance or special purpose entities that would have been established for the purpose of facilitating off-balance-sheet arrangements or for other contractually narrow or limited purposes. As such, we are not exposed to any financing, liquidity, market or credit risk that could arise if we had engaged in such relationships.

Item 7A. Quantitative and Qualitative Disclosures About Market Risk

Our products will be quoted for sale and licensure in United States dollars and as our business development efforts progress we anticipate the sale and/or licensure of our products to foreign entities. To the extent that we may be exposed to foreign currency risks related to the rise and/or fall of foreign currencies against the U.S. dollar we will report in United States dollars.

Item 8. Financial Statements and Supplementary Data

All financial information required by this Item is attached hereto at the end of this report beginning on page F-1 and is hereby incorporated by reference.

Item 9. Changes in and Disagreements on Accounting and Financial Disclosure

The PCAOB revoked the registration of our former independent registered public accounting firm, Jaspers + Hall, PC on or about October 21, 2008. After receiving notice of such revocation, the Company's Board of Directors dismissed

Jaspers + Hall, PC effective October 31, 2008 and engaged Stark Winter Schenkein & Co., LLP (“SWS”) to serve as the Company’s new independent registered public accounting firm effective as of November 3, 2008 as set forth in the Company’s Current Report on Form 8-K as filed with the SEC on November 6, 2008. On December 23, 2008, the Company received a Comment Letter from the SEC stating that the Company may not include the reports of Jaspers + Hall, PC in its filings and that the Company should have a firm that is registered with the PCAOB re-audit that year. In addition to auditing the Company’s financial statements for the fiscal year ended September 30, 2008, SWS also re-audited the Company’s financial statements for the fiscal years ended September 30, 2007 and 2006. All audit work performed on the September 30, 2008, 2007 and 2006, financial statements by SWSC was performed by SWS’s full time employees.

Effective as of July 17, 2009 (the “Effective Date”), Stark Winter Schenkein & Co., LLP (“SWS”) was dismissed by the board of directors of XsunX as the Company’s principal independent registered public accounting firm. None of SWS’s reports included in the Company’s financial statements for the past two (2) fiscal years, as well as the subsequent interim periods through the Effective Date, contained an adverse opinion or a disclaimer of opinion, or was qualified or modified as to uncertainty, audit scope, or accounting principles. SWS’s report did contain a paragraph relating to the Company’s ability to continue as a going concern. During the Company’s two (2) most recent fiscal years, as well as the subsequent interim period through the Effective Date, there were no disagreements between the Company and SWS on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedures, which disagreements if not resolved to their satisfaction would have caused them to make reference to the subject matter of the disagreement in connection with SWS’s report. During the Company’s most recent two (2) fiscal years, as well as the subsequent interim period through the Effective Date, SWS did not advise the Company of any of the matters identified in Item 304(a)(v)(A) - (D) of Regulation S-K.

Effective as of July 17, 2009, the board of directors of the Company approved the engagement of HJ Associates & Consultants, LLP (“HJ”) as its principal independent registered public accounting firm to audit the Company’s financial statements. The Company did not consult HJ on any matters described in Item 304(a) (2) of Regulation S-K during the Registrant’s two (2) most recent fiscal years or any subsequent interim period prior to engaging HJ.

Item 9A. Controls and Procedures

Disclosure Controls and Procedures

Our Chief Executive Officer and Chief Operating Officer, have evaluated the effectiveness of our disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of the end of the period covered by this report. The evaluation included certain control areas in which we have made, and are continuing to make, changes to improve and enhance controls. A material weakness is a condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that misstatements caused by error or fraud in amounts that would be material in relation to the financial statements being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. Based on such evaluation, our Chief Executive Officer and Chief Operating Officer have concluded that, as of the end of such period, our disclosure controls and procedures were effective, and we have discovered no material weakness.

Internal Control over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control structure and procedures over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f)) under the Exchange Act. The SEC rule making for the Sarbanes-Oxley Act of 2002 Section 404 requires that a company's internal controls over financial reporting be based upon a recognized internal control framework. Our management conducted an assessment of the effectiveness of our internal control over financial reporting as of September 30, 2009 based on the framework set forth in Internal Control — Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (“COSO”) that has been modified to more appropriately reflect the current limited operational scope of the Company as a Development Stage company. The Company used the COSO guide - The Internal Control over Financial Reporting - Guidance for Smaller Public Companies to implement the Company’s internal control framework. Additionally, the limited scope of operations of the Company means that traditional separation of duties controls are not used by the Company as a result of the limited staffing within the Company. The Company relies on alternative procedures to overcome this non-material control weakness.

During the Company's fiscal year ended September 30, 2009, management continued revising the Company's internal and controls procedure document basing this revision upon additional guidance for implementing the model framework created by COSO as is appropriate to our operations and operations of smaller public entities. This framework is entitled Internal Control-Integrated Framework. The COSO Framework, which is the common shortened title, was published in 1992 and has been updated, and we believe will satisfy the SEC requirements of Section 404 of the Sarbanes-Oxley Act of 2002. As the Company expands operations, additional staff will be added to implement separation of duties controls as well.

Based on that evaluation, our Chief Executive Officer and our Chief Operating Officer concluded that our internal control over financial reporting as of September 30, 2009 was effective. Internal control over financial reporting cannot provide absolute assurance of achieving financial reporting objectives because of its inherent limitations. Internal control over financial reporting is a process that involves human diligence and compliance and is subject to lapses in judgment and breakdowns resulting from human failures. Because of such limitations, there is a risk that material misstatements may not be prevented or detected on a timely basis by internal control over financial reporting. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become

inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Changes in Internal Control over Financial Reporting

Except as noted above, there have not been any changes in our internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) during our fourth fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Auditors Report on Internal Control over Financial Reporting

This annual report does not include an attestation report of the company's registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the company's registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit the company to provide only management's report in this annual report.

Item 9B. Other Information

Under the Company's previous efforts to establish a thin film solar module manufacturing facility the Company had placed an order for certain thin film deposition equipment with a vendor. In June the vendor and XsunX proposed terms for the cancellation of the order without further obligation to either party. On December 21, 2009 the parties agreed to the termination of the order.

On October 16, 2009 the Company accepted an offer for the sale of 2,556,818 shares of its restricted common stock in a private placement for cash proceeds of \$225,000.

On November 16, 2009 the Company issued 53,789 shares of its common restricted stock for services related to marketing and public relations valued at \$10,000 dollars.

On December 31, 2009 the Company accepted an offer for the sale of 1,000,000 shares of its restricted common stock in a private placement for cash proceeds of \$88,000.

In the fiscal year ended September 30, 2009 XsunX modified its previous plans to directly establish amorphous silicon product manufacturing infrastructure. We have re-focused operations on the development of a cross-industry thin film solar manufacturing concept that we believe provides an opportunity for XsunX to establish a competitive advantage within the industry. In furtherance of these efforts the Company has begun the development of a hybrid manufacturing system combining certain technologies derived from the magnetic media manufacturing industry with manufacturing techniques for thin film solar. The Company has agreed to an estimate of \$1,150,000 from a vendor for the cost of this prototype system, and in October 2009 paid an initial \$115,000 deposit towards the manufacture of this system. The vendor and the Company are now engaged in efforts to complete the testing and engineering designs necessary to build the system.

In March 2009 XsunX received notice from the State of Colorado offering determination that sales tax and penalties were due for what the state perceived as a purchase of a machine for use by XsunX rather than as an inventory item that was developed for re-sale. On April 10, 2009 the Company filed a protest and hearing request disputing the findings of the tax auditor requesting that the total tax liability determination be reversed. On November 17, 2009 the Colorado Department of Revenue withdrew and cancelled its assessment of tax liability in total.

PART III

Item 10. Directors, Executive Officers, and Corporate Governance

The following table lists the executive offices and directors of the Company during the fiscal year ended September 30, 2009:

Name	Age	Position Held	Tenure
Tom Djokovich	52	CEO, Director, Secretary, and acting Principal Accounting Officer	CEO and Director since October 2003, Secretary and PAO since September 2009
Joseph Grimes	52	President, COO, Director	President since March 2009, COO since April 2006, and as a director Since August 2008
Jeff Huitt (1)	48	CFO	Since January 2007
Robert Wendt	47	CTO	Since March 2009
Thomas Anderson	44	Director	Since August 2001
Oz Fundingsland	66	Director	Since November 2007

Michael Russak

62 Director

Since November 2007

- (1) In March, 2009, as part of our efforts to modify the Company's plan of operations, the Company and Mr. Huitt agreed to the termination of Mr. Huitt's employment agreement and status as an employee of the Company. In March the Company and Mr. Huitt's consulting firm, Orion Business Services, LLC, entered into a professional service consulting agreement under which Mr. Huitt would provide financial consulting services to the Company as a consulting chief financial officer. Effective September 9, 2009 Mr. Huitt and the Company agreed to the termination of services in the capacity of CFO.

The above listed directors will serve until the next annual meeting of the stockholders or until their death, resignation, retirement, removal, or disqualification, and until their successors have been duly elected and qualified. Vacancies in the existing Board of Directors are filled by majority vote of the remaining Directors. There are no agreements or understandings for any officer or director to resign at the request of another person and no officer or director is acting on behalf of or will act at the direction of any other person. There is no family relationship between any of our directors.

The directors of the Company will devote such time to the Company's affairs on an "as needed" basis, but typically less than 20 hours per month. As a result, the actual amount of time which they will devote to the Company's affairs is unknown and is likely to vary substantially from month to month.

Biographical Information

Mr. Tom Djokovich, age 52, Chief Executive Officer and a Director as of October 2003, acting Principal Accounting Officer as of September 2009;

Mr. Djokovich was the founder and served from 1995 to 2002 as the Chief Executive Officer of Accesspoint Corporation, a vertically integrated provider of electronic transaction processing and e-business solutions for merchants. Under Mr. Djokovich's guidance, Accesspoint became a member of the Visa/MasterCard association, the national check processing association NACHA, and developed one of the payment industry's most diverse set of network based transaction processing, business management and CRM systems for both Internet and conventional points of sale. Prior to Accesspoint, Mr. Djokovich founded TMD Construction and Development in 1979. TMD provided management for multimillion-dollar projects incorporating at times hundreds of employees, subcontractors and international material acquisitions for commercial, industrial and custom residential construction services as a licensed building firm in California. In 1995 Mr. Djokovich developed an early Internet based business-to-business ordering system for the construction industry.

Mr. Joseph Grimes, age 52, Chief Operating Officer as of April 2006, a Director as of August 2008, and President as of March 2009;

Mr. Grimes brings to XsunX more than eight years direct experience in thin-film technology and manufacturing. He was most recently Vice President, Defense Solutions, for Envisage Technology Company, where he directed and managed the defense group business development process, acquisition strategies and vision for next generation applications from October 2005 to March 2006. Previously he was Co-Founder, President and CEO of ISERA Group, where he established the company infrastructure and guided five development teams, finally selling the company to Envisage from 1993 to 2005. His direct experience in thin-film technology came with Applied Magnetics Corporation from 1985 to 1993 as manager for thin-film prototype assembly. Mr. Grimes holds a Bachelor's degree in business economics and environmental studies, and a Master's in computer modeling and operation research applications, both from the University of California at Santa Barbara.

Mr. Robert Wendt, age 47, Chief Technology Officer as of March 2009;

Mr. Wendt holds a B.S. and M.S. in Metallurgical Engineering and Material Science from the Colorado School of Mines. His responsibility encompasses technical specification of the facilities, equipment, and manufacturing processes for XsunX. Prior to joining XsunX in 2007, Mr. Wendt served at various times as Vice President of Sales, Product Development, and Engineering at Global Solar Energy from May 1996 to 2005. At Global Solar, Mr. Wendt has led and directed several areas including copper indium gallium di-selenide (CIGS) technology development, equipment design and integration, facilities design and construction, engineering, production, and operations

Prior to Global Solar, Mr. Wendt was at ITN with responsibility for the development of thin-film deposition technologies, thin-film PV, and development of charge controller/battery systems for portable solar cell powered systems. Prior to joining ITN, Mr. Wendt spent eight years with Lockheed Marietta Astronautics, Denver Division. While in this position, Mr. Wendt was program manager/principal investigator on over 20 material-based programs. During 1994/1995, Mr. Wendt was the technical lead for thin-film PV research at the Denver Division.

Independent Directors

Mr. Thomas Anderson, age 44, became a director of the Company in August 2001;

Mr. Anderson presently works as the Director of Southwest Business Operations for American Capital Energy, a commercial and utility scale solar integrator. He has been with American Capital Energy since October, 2008. He

recently served as Managing Director of the Environmental Science and Engineering Directorate of Qinetiq North America in Los Alamos, New Mexico. He was with Qinetiq North America, formerly Apogen Technologies, from January, 2005, through September, 2008. Mr. Anderson worked for 19 years in the environmental consulting field, providing consulting services in the areas of environmental compliance, characterization and remediation services to Department of Energy, Department of Defense, and industrial clients. He formerly worked as a Senior Environmental Scientist at Concurrent Technologies Corp. from November 2000 to December 2004. He earned his B.S. in Geology from Denison University and his M.S. in Environmental Science and Engineering from Colorado School of Mines.

Mr. Oz Fundingsland as Director, age 66, became a director of the Company in November 2007;

On November 12, 2007, the Company announced the appointment of Mr. Oz Fundingsland as Director, effective November 12, 2007. Mr. Fundingsland brings over forty years of sales, marketing, executive business management, finance, and corporate governance experience to XsunX. His professional and business experience principally originated with his tenure, commencing in 1964, at Applied Magnetics Corp., a disk drive and data storage company. Prior to his retirement from Applied Magnetics in 1994, Mr. Fundingsland served as an Executive Officer and Vice President of Sales and Marketing for 11 years directing sales growth from \$50 million to over \$550 million. Commencing in 1993 through 2003 Mr. Fundingsland served as a member of the board of directors for the International Disk Drive Equipment Manufacturers Association "IDEMA" where he retired emeritus, and continues to serve as an advisor to the board. For the last 13 years, Mr. Fundingsland has provided consulting services assisting with sales, marketing, and management to a host of companies within the disk drive, optical, software, and LED industries.

Dr. Michael A. Russak as Director, age 62, became a director of the Company in November 2007;

On November 28, 2007, the Company announced the appointment of Dr. Michael A. Russak as a Director, effective November 26, 2007. Dr. Russak is also a member of the Company's Scientific Advisory Board. Dr. Michael A. Russak currently holds the position of Executive Vice President of Business Development with Intevac, Inc. in Santa Clara, CA. He has been working as a consultant in the hard disk drive and photovoltaic industries since Jan 2007. He is also currently the Executive Director of IDEMA-U.S. (the hard disk drive industry trade association) and a member of the Board of Directors and Scientific Advisory Board of XsunX, Inc. From 2001 to 2006 he was President and Chief Technical Officer of Komag, Inc., a manufacturer of hard magnetic recording disks for hard disk drive applications. From 1993 to 2001 he was Chief Technical Officer of HMT Technology, Inc. also a manufacturer of magnetic recording disks. From 1985 to 1993 he was a research staff member and program manager in the Research Division of the IBM Corporation. Dr. Russak has over thirty five years of industrial experience progressing from a research scientist to senior executive officer of two public companies. He has expertise in thin film materials and devices for magnetic recording, photovoltaic, solar thermal applications, semiconductor devices as well as glass, glass-ceramic and ceramic materials. He also has over twelve years experience at the executive management level of public companies with significant off shore development and manufacturing functions. He received his B.S. in Ceramic Engineering in 1968 and Ph.D. in Materials Science in 1971, both from Rutgers University in New Brunswick, NJ. During his career, he has been a contributing scientist and program manager at the Grumman Aerospace Corporation, a Research Staff Member and technical manager in the areas of thin film materials and processes at the Research Division of the IBM Corporation at the T.J. Watson Research Laboratories. In 1993, he joined HMT Technology, a manufacturer of thin film disks for magnetic storage, as Vice President of Research and Development. His responsibilities included new product design and introduction. Dr. Russak became Chief Technical Officer of HMT and held that position until 2000 when HMT merged with Komag Inc. Dr. Russak was appointed President and Chief Technical Officer of the combined company. He continued to set technical, operational and business direction for Komag until his retirement at the end of 2006. He has published over 90 technical papers, and holds 23 U.S. patents.

Involvement in Certain Legal Proceedings

None of the members of the Board of Directors or other executives has been involved in any bankruptcy proceedings, criminal proceedings, any proceeding involving any possibility of enjoining or suspending members of our Board of Directors or other executives from engaging in any business, securities or banking activities, and have not been found to have violated, nor been accused of having violated, any federal or state securities or commodities laws.

Board Committees; Audit Committee

As of September 30, 2009, the Company's board was comprised of five directors, three of which are considered independent directors and the Company did not have an audit committee. Further, none of the members of the board of directors is qualified as a financial expert. We are a development stage company with limited resources and we are actively seeking a qualified financial expert for addition to the board. The board of directors will appoint committees as necessary, including an audit committee as resources permit. In the meantime, the Board serves as the Company's audit committee utilizing business judgment rules and good faith efforts.

Section 16(A) Beneficial Ownership Reporting Compliance

Section 16(a) of the Exchange Act requires the Company's officers and directors, and certain persons who own more than 10% of a registered class of the Company's equity securities (collectively, "Reporting Persons"), to file reports of ownership and changes in ownership ("Section 16 Reports") with the SEC. Reporting Persons are required by the SEC to furnish the Company with copies of all Section 16 Reports they file. Based on its review of the copies of such forms received by it, or written representations from certain reporting persons, the Company believes that, during the fiscal year ended September 30, 2009, all filing requirements applicable to its officers, directors, and greater than

ten-percent beneficial owners were complied with the exception that one report, covering an aggregate of three gift and donation transactions were not timely filed by the chief executive officer with the SEC via Form 4 or via year-end report on Form 5.

Code of Ethics

The Company's board of directors adopted a Code of Ethics policy on January 7, 2008.

Item 11. Executive Compensation

Overview

We are a development stage Company and we rely on our board of directors to evaluate compensation and incentive offerings made by the Company as it applies to our executive officers, and efforts to attract and maintain qualified staff. To date, our compensation policy has been conducted on a case by case basis with input from our chief executive officer, and focused on the following three primary areas; (a) salary compensatory with peer group companies and peer position, (b) cash bonuses tied to sales and revenue attainment, and (c) long term equity compensation tied to strategic objectives of establishing solar module manufacturing infrastructure.

In this Compensation Discussion and Analysis, the individuals in the Summary Compensation Table set forth below are referred to as the “named executive officers”. Generally, the types of compensation and benefits provided to the named executive officers may be similar to what we intend to provided to future executive officers. The named executive officers for fiscal 2009 are Tom M. Djokovich, our chief executive officer, Joseph Grimes, our chief operating officer, Jeff Huitt our chief financial officer for portions of the 2009 fiscal year, and Robert Wendt, our chief technical officer.

Executive Compensation

The following table sets forth information with respect to compensation earned by our chief executive officer, our former chief financial officer, our chief operating officer, and our chief technical officer (collectively, our “named executive officers”) for the fiscal years ended September 30, 2009, and 2008 respectively.

Summary Compensation Table

Name and Principal Position	Year	Salary (\$)	Bonus (\$)	Stock Awards (\$)	Option Awards (\$)	All Other Compensation (\$)	Total (\$)
Tom Djokovich, CEO(1)	2009	165,000	0	0	0	4,800	169,800
	2008	220,000	0	0	0	4,800	224,800
Joe Grimes, COO(2)	2009	157,500	0	0	107,750	4,800	270,050
	2008	210,000	30,000	0	44,600	4,800	289,400
Jeff Huitt, CFO(3)	2009	155,000	0	0	39,000	4,800	198,800
	2008	155,000	0	0	44,600	4,800	204,400
Robert Wendt, CTO(4)	2009	150,000	0	0	107,750	4,800	262,550
	2008	200,000	0	0	44,600	3,600	203,600

- (1) In March 2009 Mr. Djokovich and the Company agreed to the reduction of annual salary from \$220,000 to \$165,000 as part of cost cutting measures approved by the Board of Directors in association with the Company’s efforts to modify its plan of operations. In addition to Mr. Djokovich’s base compensation the Company also provides Mr. Djokovich with a \$400 monthly health insurance allowance.
- (2) In March 2009 Mr. Grimes and the Company agreed to the reduction of annual salary from \$210,000 to \$157,500 as part of cost cutting measures approved by the Board of Directors in association with the Company’s efforts to modify its plan of operations. In addition to Mr. Grimes base compensation the Company also provides Mr. Grimes with a \$400 monthly health insurance allowance. Mr. Grimes employment agreement with the Company included a facilities finders and relocation bonus of \$30,000 which was fully paid in the year ended September 30, 2008 upon completion of the requirements.
- (3) In March, 2009, as part of our efforts to modify the Company’s plan of operations, the Company and Mr. Huitt agreed to the termination of Mr. Huitt’s employment status as an employee of the Company and annual salary of \$155,000 and a \$400 monthly health insurance allowance. In March the Company and Mr. Huitt’s consulting firm, Orion Business Services, LLC, entered into a professional service consulting agreement under

which Mr. Huitt would provide financial consulting services to the Company as a consulting chief financial officer. The Company paid \$65,625 for these professional consulting services in the fiscal year ended September 30, 2009. Effective September 9, 2009 Orion Business Services, LLC and the Company agreed to the termination of Mr. Huitt's services in the capacity as chief financial officer for the Company.

- (4) Prior to March 2009 Mr. Wendt held the position of Vice President of Engineering and Product Development and was not an executive officer to the Company. In March 2009 Mr. Wendt was elected to the position of chief technical officer for XsunX. In March 2009 Mr. Wendt and the Company also agreed to the reduction of annual salary from \$200,000 to \$150,000 as part of cost cutting measures approved by the Board of Directors in association with the Company's efforts to modify its plan of operations. In addition to Mr. Wendt's base compensation the Company also agreed to provide Mr. Wendt with a \$400 monthly health insurance allowance.

No other compensation not described above was paid or distributed during the listed fiscal years to the executive officers of the Company.

Grants of Plan-Based Awards Table

The following table sets forth summary information regarding all grants of plan-based awards made to our named executive officers during the two years ended September 30, 2009, and 2008 respectively.

Name	Grant Date	All Other Option Awards: Number of Securities Underlying Options (#)	Exercise or Base Price of Option Awards (\$/Sh)	Grant Date Fair Value of Stock and Option Awards (\$)
Tom Djokovich, CEO	2009	0	0	0
	2008	0	0	0
Jeff Huitt, CFO	2009	0	0	0
	2008	0	0.46	44,600
Joe Grimes, COO	2009	2,500,000	0.16	68,750
	2008	500,000	0.36	44,600
Robert Wendt, CTO	2009	2,500,000	0.16	68,750
	2008	500,000	0.36	44,600

Outstanding Equity Awards at Fiscal Year End Table

The following table sets forth the outstanding equity awards with respect our named executive officers for the fiscal year ended September 30, 2009

OPTION AWARDS				STOCK AWARDS			
Number of Securities Underlying Unexercised	Number of Securities Underlying Unexercised	Equity Incentive Plan Awards: Number of Securities Underlying Unexercisable Option	Option	Number of Shares or Units of Stock That	Market Value of Shares or Units of Stock that	Equity Incentive Plan	Equity Incentive Plan
						Awards: Number of	Awards: Market or Payout Value of Unearned Shares, Units or Rights
						Awards: Number of Unearned Shares, Units or Rights That	Awards: Market or Payout Value of Unearned Shares, Units or Rights

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Name	Options (#) Exercisable	Options (#) Unexercisable	Unearned Options (#)	Exercise Price (\$)	Expiration Date	Have Not Vested (#)	Have Not Vested (\$)	Have Not Vested (#)	That Have Not Vested (#)
Tom Djokovich, CEO	—	—	—	—	—	—	—	—	—
Jeff Huitt, CFO	—	—	—	—	—	—	—	—	—
Joe Grimes, COO	624,999	1,875,001	0	\$ 0.16	4/1/2014	—	—	—	—
	0	500,000	0	\$ 0.36	10/23/2012	—	—	—	—
	400,000	100,000	0	\$ 0.46	1/26/2012	—	—	—	—
	352,000	148,000	0	\$ 0.51	7/19/2011	—	—	—	—
	112,000	0	0	\$ 1.69	4/4/2011	—	—	—	—
Robert Wendt	624,999	1,875,001	0	\$ 0.16	4/1/2014	—	—	—	—
	0	500,000	0	\$ 0.36	10/23/2012	-	-	-	-
	400,000	100,000	0	\$ 0.46	1/26/2012	-	-	-	-

Option Exercises

None

Pension Benefits

None

Nonqualified Defined Contribution and Other Nonqualified Deferred Compensation Plans

None

Employment Agreements and Arrangements

Tom M. Djokovich

Mr. Djokovich serves as our chief executive officer, acting principal accounting officer, and a director. We do not have an employment agreement with Mr. Djokovich. He currently works at the discretion of the board of directors as he has since October 2003. His annual base salary compensation for the 2009 period was initially \$220,000, and he was provided a \$400 per month allowance for use in the payment of medical benefits. In March 2009 Mr. Djokovich and the Company agreed to the reduction of annual salary from \$220,000 to \$165,000 as part of cost cutting measures approved by the Board of Directors in association with the Company's efforts to modify its plan of operations. His medical allowance payment was unchanged. His total compensation is based solely on the annual base cash salary and we do not have any equity based, cash bonus, or special compensation agreements or understanding in place with Mr. Djokovich.

Joseph Grimes

On November 6, 2007, we entered into an amended and restated employment agreement with Mr. Joseph Grimes, our chief operating officer. Under the terms of his employment agreement, Mr. Grimes is entitled to a minimum annual base salary of \$210,000 (subject to annual review and increase upon the attainment by the Company of a minimum of \$5,000,000 in revenue in any calendar year) and is eligible to receive additional compensation in the form of a cash payment bonus upon certain remaining business development attainment goals as follows; a \$5,000 cash payment bonus upon the successful implementation of a pilot production line,. Mr. Grimes is also eligible for cash payment bonus subject to attainment by the Company of certain minimum revenues in the course of a calendar year as follows; a \$5,000 cash payment bonus upon the attainment by the Company of \$5,000,000 in revenue, a \$10,000 cash payment bonus upon the attainment by the Company of \$10,000,000 in revenue, a \$15,000 cash payment bonus upon the attainment by the Company of \$15,000,000 in revenue. We also provide Mr. Grimes a \$400 monthly allowance for use in payment for health benefits with the balance of such benefits paid by Mr. Grimes. Our employment agreement with Mr. Grimes provides that, in the event that Mr. Grimes employment is terminated by us without good cause, Mr. Grimes will receive a severance payment in the amount equal to 6 months of his annual base salary, payable within 30 days of such termination. Under the employment agreement Mr. Grimes is also subject to confidentiality and non-solicitation provisions which provide that Mr. Grimes will not divulge information or solicit employees for 24 months after termination of his employment.

In March 2009 Mr. Grimes and the Company agreed to the reduction of annual base salary from \$210,000 to \$157,500 as part of cost cutting measures approved by the Board of Directors in association with the Company's efforts to modify its plan of operations. In conjunction with agreeing to the reduction in base salary the Company provided Mr. Grimes with a stock option grant to purchase 2,500,000 shares of our common stock, exercisable at \$0.16 cents per share.

Jeff Huitt

On January 1, 2007, we entered into an employment agreement with Mr. Jeff Huitt, our former chief financial officer. Under the terms of his employment agreement, Mr. Huitt was initially entitled to a minimum annual base salary of \$135,000 which was adjusted to \$155,000 in November 2007 after review by the board. We also provide Mr. Huitt a \$400 monthly allowance for use in payment for health benefits with the balance of such benefits paid by Mr. Huitt.

In March, 2009, as part of our efforts to modify the Company's plan of operations, the Company and Mr. Huitt agreed to the termination of Mr. Huitt's employment status as an employee of the Company and annual salary of \$155,000 and a \$400 monthly health insurance allowance. In March the Company and Mr. Huitt's consulting firm, Orion Business Services, LLC, entered into a professional service consulting agreement under which Mr. Huitt would provide

financial consulting services to the Company as a consulting chief financial officer. The Company paid \$65,625 for these professional consulting services in the fiscal year ended September 30, 2009. Effective September 9, 2009 Orion Business Services, LLC and the Company agreed to the termination of Mr. Huitt's services in the capacity as chief financial officer for the Company.

Robert Wendt

On January 1, 2007, we entered into an employment agreement with Mr. Robert Wendt, our chief technical officer. Under the terms of his employment agreement, Mr. Wendt was initially entitled to a minimum annual base salary of \$150,000 which was adjusted to \$200,000 in November 2007 after review by the board. We also provide Mr. Wendt a \$300 monthly allowance for use in payment for health benefits with the balance of such benefits paid by Mr. Wendt.

In March 2009 Mr. Wendt and the Company agreed to the reduction of annual salary from \$200,000 to \$150,000 as part of cost cutting measures approved by the Board of Directors in association with the Company's efforts to modify its plan of operations. In conjunction with agreeing to the reduction in base salary the Company provided Mr. Wendt with a stock option grant to purchase 2,500,000 shares of our common stock, exercisable at \$0.16 cents per share.

Potential Payments Upon Termination or Change-In-Control

Terms of an amended and restated employment agreement dated November 6, 2007, with Mr. Grimes, our chief operating officer, provide that in the event that Mr. Grimes employment is terminated by us without good cause, Mr. Grimes may receive a severance payment in the amount equal to 6 months of his annual base salary then paid to Mr. Grimes, all payable within 30 days of such termination. Potential cost to the Company could total at minimum \$100,000 for the termination of Mr. Grimes subject to the termination without good cause by the Company.

Terms of a two year Key Employee Retention Agreement dated September 1, 2009, with Mr. Robert Wendt, our chief technical officer, provide that in the event that Mr. Wendt's employment is terminated by the Company without good cause, Mr. Wendt may receive twelve months salary at the then salary rate at time of termination, twelve months Company paid costs for actual costs incurred by Mr. Wendt for medical benefits related to COBRA coverage, and a relocation payment up to \$2,500. Potential cost to the Company could total at minimum \$164,500 for the termination of Mr. Wendt subject to the termination without good cause by the Company.

Long Term Incentive Plans — Awards in Last Fiscal Year

The following table and notes set forth the incentive awards provided to named officers of the Company in 2009 fiscal year.

	Date Issued	Number Issued	Exercise Price	Expiration Date	Consideration
Joseph Grimes (1)	31-March-09	2,500,000	\$ 0.16	1-April-14	As part of an employment incentive agreement related to salary reductions
Robert Wendt (1)	31-March-09	2,500,000	\$ 0.16	1-April-14	As part of an employment incentive agreement related to salary reductions

(1) The vesting schedule for Mr. Grimes and Mr. Wendt is as follows:

The option shall become exercisable in the following amounts upon the delivery and/or achievement by the optionee(s) of the following employment and performance milestones:

- (a) 208,333 shares vested on April 1, 2009 and thereafter 208,333 shall vest per each XsunX fiscal calendar quarter of continuous employment from the date of grant.
- (b) In the event of a sale or merger of all or substantially all of the Company's assets to an acquiring party following which the Company would not be a surviving operating entity, the Company will provide Optionee a fifteen (15) day prior notice of such proposed event providing for immediate vesting of all remaining unvested Options.
- (c) All remaining unvested Options shall vest and become exercisable upon the assembly and third party validation of a functioning XsunX manufactured solar module producing a 10% frame to frame average DC power conversion rating under standard test conditions (STC), and the subsequent sale and delivery of a solar module manufactured by XsunX meeting similar specifications.

Director Compensation

In the fiscal year ended September 30, 2009, Directors received no additional cash or non cash compensation for their service to the Company as directors. Outside Directors received an annual retainer fee of \$9,000. All Directors were reimbursed for expenses actually incurred in connection with attending meetings of the Board of Directors.

SUMMARY COMPENSATION TABLE OF DIRECTORS

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (\$)	Option Awards (\$)	All Other Compensation (\$)	Total (\$)
Tom Djokovich	0	0	0	0	0
Joseph Grimes	0	0	0	0	0
Thomas Anderson	\$ 9,000	0	63,011	0	\$ 72,011
Oz Fundingsland	\$ 9,000	0	59,063	0	\$ 68,063
Dr. Michael Russak	\$ 9,000	0	53,150	0	\$ 62,150

Compensation Committee Interlocks and Insider Participation

For the fiscal year ended September 30, 2009 adjustments or additions to new or existing employment agreements were reviewed and deliberated by the five members of the Company's Board of Directors.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The following table sets forth, as of January 8, 2010, the number of shares of common stock owned of record and beneficially by executive officers, directors and persons who hold 5.0% or more of the outstanding common stock of the Company. Also included are the shares held by all executive officers and directors as a group. Unless otherwise indicated, the address of each beneficial owner listed below is c/o XsunX, Inc., 65 Enterprise, Aliso Viejo, California 92656.

Shareholders/Beneficial Owners	Number of Shares	Ownership Percentage(1)
Tom Djokovich(2) President & Director	16,293,000	8.1%
Thomas Anderson Director	1,500,000	< 1%
Oz Fundingsland Director	500,000	< 1%
Mike Russak Director	500,000	< 1%
Joseph Grimes(3) Chief Operating Officer	1,697,332	< 1%
Robert Wendt(3) Chief Technical Officer	1,048,332	< 1%

All directors and executive officers as a group of (6 persons) account for ownership of 21,538,664 shares representing 10.76% of the issued and outstanding common stock. Each principal shareholder has sole investment power and sole voting power over the shares.

(1) Applicable percentage ownership is based on 200,095,217 shares of common stock issued and outstanding as of January 8, 2010. Beneficial ownership is determined in accordance with the rules of the Securities and Exchange Commission and generally includes voting or investment power with respect to securities. Shares of common stock that are currently exercisable or exercisable within 60 days of January 8, 2010 are deemed to be beneficially owned by the person holding such securities for the purpose of computing the percentage of ownership of such person, but are not treated as outstanding for the purpose of computing the percentage ownership of any other person.

(2) Includes 15,368,000 shares owned by the Djokovich Limited Partnership. Mr. Djokovich shares voting and dispositive power with respect to these shares with Mrs. Djokovich.

(3) Includes 500,161 warrants/options that may vest and be exercised within 60 days of the date of January 7, 2010.

Item 13. Certain Relationships and Related Transactions, and Director Independence

No officer, director, or related person of the Company has or proposes to have any direct or indirect material interest in any asset proposed to be acquired by the Company through securities holdings, contracts, options or otherwise or any transaction in which the amount involved exceeds the lesser of \$120,000 or one percent of the Company's total assets at year end.

The Company has adopted a policy under which any consulting or finder's fee that may be paid to a third party for consulting services to assist management in evaluating a prospective business opportunity can be paid in stock, stock

purchase options or in cash. Any such issuance of stock or stock purchase options would be made on an ad hoc basis. Accordingly, the Company is unable to predict whether or in what amount such a stock issuance might be made.

The following directors are independent: Thomas Anderson, Oz Fundingsland and Dr. Michael Russak.

The following directors are not independent: Tom Djokovich and Joseph Grimes.

Item 14. Principal Accounting Fees and Services

Audit Fees 2009

As of the fiscal year ended September 30, 2009 HJ Associates & Consultants, LLP had billed the Company \$17,359 for the following professional services: review of the interim financial statements included in quarterly reports on Form 10-Q for the periods ended June 30, 2009, and for audit fees related to the Company's annual report on Form 10-K. No other fees were billed by HJ Associates & Consultants, LLP in the fiscal year ended September 30, 2009.

During the fiscal year ended September 30, 2009 Stark Winter Schenkein & Co., LLP (“ SWSC ”) had billed the Company \$95,550 for the following professional services: \$10,000 for preparation of Income Tax Returns for the tax years 2006, 2007, and 2008, \$62,500 for related audit work and services on the Form 10K for the fiscal year 2008, and the re-audit of the 2007, and 2006 periods, \$23,050 for review of the interim financial statements included in quarterly reports on Form 10-Q for the periods ended December 31, 2008 and March 31, 2009. They were not paid any fees relating to the 2009 audit based on their dismissal as auditor.

Audit Fees 2008

As of September 30, 2008 Stark Winter Schenkein & Co., LLP had not yet been engaged by the Company. Billings and payments related to the audit work and services on the Form 10K for the fiscal period 2008 were made in the fiscal year ended September 30, 2009 as described above in the review of the audit fees for 2009.

Jaspers + Hall, PC was paid \$12,300 for work performed in the fiscal period ended September 30, 2008 for work on our first through third quarter reports Form 10-Q and for its work on the Companies Form S-1 Registration statement. They were not paid any fees relating to the 2008 audit based on their dismissal as auditor.

The Company’s Board acts as the audit committee and had no “pre-approval policies and procedures” in effect for the auditors’ engagement for audit years 2008, and 2009.

PART IV

Item 15. Exhibits, Financial Statement Schedules

Exhibits:

Exhibit	Description
3.1	Articles of Incorporation(1)
3.2	Bylaws(2)
10.1	XsunX Plan of Reorganization and Asset Purchase Agreement, dated September 23, 2003.(3)
10.2	XsunX 2007 Stock Option Plan, dated January 5, 2007.(4)
10.3	MVSystems, Inc. Non-Exclusive License and Cross-License Agreement, dated May 30, 2008.(5)
10.4	Form of Employment Retention agreement between the Company and Robert Wendt, dated September 1, 2009 (6)
10.5	Form of Stock Sale Agreement used in connection with the sale of equity to accredited investors totaling 6,000,000 shares of common stock(6)
10.6	Form of Stock Option Agreement used in connection with the issuance of Options to employees in the fiscal year ended September 30, 2009. (6)
10.7	Lease Termination and Mutual Release of Claims, dated August 27, 2009 between the Company and Merix Corporation(6)
10.8	Promissory Note in the amount of \$456,920.66, dated August 27, 2009 between the Company and Merix Corporation(6)
10.9	Form of Professional Services Agreement between Orion and the Company, dated March 9, 2009(6)
10.10	Sencera LLC, Separation Agreement, dated June 13, 2008.(7)
16.1	Auditor Letter(6)
31.1	Sarbanes-Oxley Certification(6)

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31.2	Sarbanes-Oxley Certification(6)
32.1	Sarbanes-Oxley Certification(6)
32.2	Sarbanes-Oxley Certification(6)

- (1) Incorporated by reference to Registration Statement Form 10SB12G #000-29621 dated February 18, 2000 and by reference to exhibits included with the Company's prior Report on Form 8-K/A filed with the Securities and Exchange Commission dated October 29, 2003.
- (2) Incorporated by reference to Registration Statement Form 10SB12G #000-29621 filed with the Securities and Exchange Commission dated February 18, 2000.
- (3) Incorporated by reference to exhibits included with the Company's prior Report on Form 8-K/A filed with the Securities and Exchange Commission dated October 29, 2003.
- (4) Incorporated by reference to exhibits included with the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission dated January 5, 2007.
- (5) Incorporated by reference to exhibits included with the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission dated June 6, 2008.
- (6) Provided herewith
- (7) Incorporated by reference to exhibits included with the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission dated June 17, 2008.

SIGNATURES

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

Date: January 12, 2010

XSUNX, INC.

By: /s/ Tom Djokovich
Name: Tom Djokovich
Title: CEO and Principal Accounting Officer

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

/s/ Tom Djokovich January 12 , 2010
Tom Djokovich, Chief Executive Officer,
Principal Executive Officer, Principal
Financial and Accounting Officer, and Director

/s/ Joseph Grimes January 12, 2010
Joseph Grimes, President, Chief Operating Officer and Director

/s/ Thomas Anderson January 12, 2010
Thomas Anderson, Director

/s/ Oz Fundingsland January 12, 2010
Oz Fundingsland, Director

/s/ Michael Russak January 12, 2010
Michael Russak, Director

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Shareholders
XsunX, Inc. (A Development Stage Company)
Alisa Viejo, California

We have audited the accompanying balance sheet of XsunX, Inc. (a development stage company) as of September 30, 2009, and the related statements of operations, stockholders' equity (deficit), and cash flows for the year then ended and the period from February 25, 1997 (inception) to September 30, 2009. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits. The financial statements for the period from February 25, 1997 (inception) to September 30, 2008 were audited by other auditors and our opinion, insofar as it relates to cumulative amounts included for such prior periods, is based solely on the reports of such other auditors.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of XsunX, Inc. as of September 30, 2009, and the results of its operations and its cash flows for each of the year ended September 30, 2009 and the period from February 25, 1997 (inception) to September 30, 2009, in conformity with U.S. generally accepted accounting principles.

We were not engaged to examine management's assessment of the effectiveness of XsunX, Inc.'s internal control over financial reporting as of September 30, 2009, included in the accompanying managements' report and, accordingly, we do not express an opinion thereon.

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 1 to the financial statements, the Company does not generate significant revenue and has negative cash flows from operations which raise substantial doubt about its ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 1. The financial statements do not include any adjustments that might result from the outcome of this uncertainty.

HJ Associates & Consultants, LLP
Salt Lake City, Utah
January 11, 2010

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Stockholders and Board of Directors
XsunX, Inc.

We have audited the accompanying balance sheet of XsunX, Inc., as of September 30, 2008 and the related statements of operations, stockholders' equity and cash flows for the year then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of XsunX, Inc., at September 30, 2008, and the results of its operations and its cash flows for the year then ended, in conformity with accounting principles generally accepted in the United States of America.

The accompanying financial statements have been prepared assuming the Company will continue as a going concern. As described in Note 1 of the financial statements, the Company has an accumulated deficit as of September 30, 2008, and needs to raise additional capital to finance its operations. These conditions raise substantial doubt about the Company's ability to continue as a going concern. Management's plans as to this matter are further described in Note 1. The financial statements do not include any adjustments to reflect the possible future effects on the recoverability and classification of assets or the amounts and classification of liabilities that may result from the outcome of this uncertainty.

Stark Winter Schenkein & Co. LLP
Denver, Colorado
January 30, 2009

XSUNX, INC.
(A Development Stage Company)
Balance Sheets

September 30, 2009 September 30, 2008

ASSETS			
CURRENT ASSETS			
Cash & cash equivalents	\$	530,717	\$ 2,389,218
Inventory asset		300,000	1,417,000
Prepaid expenses		118,332	11,986
Total Current Assets		949,049	3,818,204
PROPERTY & EQUIPMENT			
Office & miscellaneous equipment		51,708	50,010
Machinery & equipment		450,386	435,910
Leasehold improvements		89,825	89,825
		591,919	575,745
Less accumulated depreciation		(378,353)	(299,559)
Net Property & Equipment		213,566	276,186
OTHER ASSETS			
Manufacturing equipment in progress		207,219	5,824,630
Security deposit		5,815	5,815
Total Other Assets		213,034	5,830,445
TOTAL ASSETS	\$	1,375,649	\$ 9,924,835
LIABILITIES AND SHAREHOLDERS' EQUITY			
CURRENT LIABILITIES			
Accounts payable	\$	389,293	\$ 425,548
Accrued expenses		24,451	30,957
Credit card payable		17,918	40,405
Total Current Liabilities		431,662	496,910
LONG TERM LIABILITIES			
Accrued interest on note payable		4,256	-
Note payable, vendor		456,921	-
Total Long Term Liabilities		461,177	-
TOTAL LIABILITIES		892,839	496,910
SHAREHOLDERS' EQUITY			

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Preferred stock, \$0.01 par value; 50,000,000 authorized preferred shares	-	-
Common stock, no par value; 500,000,000 authorized common shares 196,484,610 and 186,292,437 shares issued and outstanding, respectively	23,767,869	22,613,369
Paid in capital, common stock warrants	3,175,930	2,641,412
Additional paid in capital	5,248,213	5,248,213
Deficit accumulated during the development stage	(31,709,202)	(21,075,069)
TOTAL SHAREHOLDERS' EQUITY	482,810	9,427,925
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$ 1,375,649	\$ 9,924,835

The Accompanying Notes are an Integral Part of These Financial Statements

XSUNX, INC.
(A Development Stage Company)
Statements of Operations

	Years Ended		From Inception
	September 30, 2009	September 30, 2008	February 25, 1997 to September 30, 2009
REVENUE	\$ -	\$ -	\$ 14,880
OPERATING EXPENSES			
Selling, general and administrative, and research and development expense	3,316,853	3,331,683	14,597,953
Stock option and warrant expense	534,518	673,287	3,450,120
Depreciation and amortization expense	127,293	257,222	562,406
TOTAL OPERATING EXPENSES	3,978,664	4,262,192	18,610,479
LOSS FROM OPERATIONS BEFORE OTHER INCOME/(EXPENSE)	(3,978,664)	(4,262,192)	(18,595,599)
OTHER INCOME/(EXPENSES)			
Interest income	5,443	176,250	445,493
Impairment of assets	(5,826,990)	(215,625)	(7,031,449)
Legal settlement	-	-	1,100,000
Loan fees	-	-	(7,001,990)
Write down of inventory asset	(1,117,000)	-	(1,117,000)
Forgiveness of debt	287,381	245,000	592,154
Other, non-operating	-	(1,331)	(5,215)
Interest expense	(4,303)	(1,054)	(95,596)
TOTAL OTHER INCOME/(EXPENSES)	(6,655,469)	203,240	(13,113,603)
NET LOSS	\$ (10,634,133)	\$ (4,058,952)	\$ (31,709,202)
BASIC AND DILUTED LOSS PER SHARE	\$ (0.06)	\$ (0.02)	
WEIGHTED-AVERAGE COMMON SHARES OUTSTANDING BASIC AND DILUTED	189,455,449	166,998,772	

The Accompanying Notes are an Integral Part of These Financial Statements

XSUNX, INC.
(A Development Stage Company)
Statements of Stockholders' Equity
From Inception February 25, 1997 to September 30, 2009

	Common Stock Shares	Common Stock Amount	Additions/ Paid-in Capital	Stock Options/ Warrants/ Paid-in-Capital	Treasury Stock Shares	Deficit Accumulated during the Development Stage	Total
Balance at February 25, 1997	-	\$ -	\$ -	\$ -	-	\$ -	\$ -
Issuance of stock for cash	15,880	217,700	-	-	-	-	217,700
Issuance of stock to Founders	14,110	-	-	-	-	-	-
Issuance of stock for consolidation	445,000	312,106	-	-	-	-	312,106
Net Loss for the year ended September 30, 1997			-	-	-	(193,973)	(193,973)
Balance at September 30, 1997	474,990	529,806	-	-	-	(193,973)	335,833
Issuance of stock for services	1,500	30,000	-	-	-	-	30,000
Issuance of stock for cash	50,200	204,000	-	-	-	-	204,000
Consolidation stock cancelled	(60,000)	(50,000)	-	-	-	-	(50,000)
Net Loss for the year ended September 30, 1998			-	-	-	(799,451)	(799,451)
Balance at September 30, 1998	466,690	713,806	-	-	-	(993,424)	(279,618)
Issuance of stock for cash	151,458	717,113	-	-	-	-	717,113
Issuance of stock for services	135,000	463,500	-	-	-	-	463,500
Net Loss for the year ended September 30, 1999			-	-	-	(1,482,017)	(1,482,017)
Balance at September 30, 1999	753,148	1,894,419	-	-	-	(2,475,441)	(581,022)
Issuance of stock for cash	15,000	27,000	-	-	-	-	27,000
Net Loss for the year ended September 30, 2000			-	-	-	(118,369)	(118,369)
Balance at September 30, 2000	768,148	1,921,419	-	-	-	(2,593,810)	(672,391)
Extinguishment of debt	-	337,887	-	-	-	-	337,887
	-	-	-	-	-	(32,402)	(32,402)

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Net Loss for the year ended September 30, 2001							
Balance at September 30, 2001	768,148	2,259,306	-	-	-	(2,626,212)	(366,906)
Net Loss for the year ended September 30, 2002	-	-	-	-	-	(47,297)	(47,297)
Balance at September 30, 2002	768,148	2,259,306	-	-	-	(2,673,509)	(414,203)
Issuance of stock for assets	70,000,000	3	-	-	-	-	3
Issuance of stock for cash	9,000,000	225,450	-	-	-	-	-