

Prospectus Supplement No. 4 dated November 19, 2021

(To Prospectus dated May 12, 2021, Prospectus Supplement No. 1 dated May 17, 2021, Prospectus Supplement No. 2 dated May 28, 2021 and Prospectus Supplement No. 3 dated August 16, 2021)

Odyssey Semiconductor Technologies, Inc.

**1,794,977 Shares
Common Stock**

This Prospectus Supplement No. 4 updates, amends, and supplements the information previously included in the Prospectus dated May 12, 2021 (the "Prospectus"), Prospectus Supplement No. 1 dated May 17, 2021, Prospectus Supplement No. 2 dated May 28, 2021 and Prospectus Supplement No. 3 dated August 16, 2021, relating to the offer for sale of up to an aggregate of 1,794,977 shares of common stock of Odyssey Semiconductor Technologies, Inc. (the "Company") by the selling stockholders named therein.

Material Information Reported in Current Report on Form 8-K

On September 17, 2021, the Company filed a Current Report on Form 8-K with the Securities and Exchange Commission (the "SEC") to announce the resignation of Alex Behfar as Chief Executive Officer, Chairman of the Board of Directors and Director of the Company, and the appointment of Richard Brown as Interim Chief Executive Officer and John Edmunds as Chairman of the Board of Directors. The material portions of that Form 8-K are set forth below.

"On September 13, 2021, Alex Behfar tendered to Odyssey Semiconductor Technologies, Inc. (the "Company") his resignation as Chief Executive Officer, Chairman of the Board of Directors and Director of the Company, effective as of September 22, 2021. The Company accepted Mr. Behfar's resignation. Mr. Behfar's resignation from the aforementioned positions was not a result of any disagreements with the Company regarding its operations, policies or practices.

In light of the resignation of Mr. Behfar, the Company is searching for Mr. Behfar's replacement. During such transition period, the Board of Directors of the Company appointed (i) Richard Brown, co-founder, Chief Technology Officer and Director of the Company, as Interim Chief Executive Officer; and (ii) John Edmunds, Director of the Company, as Chairman of the Board of Directors."

Quarterly Report on Form 10-Q for the quarter ended September 30, 2021

This Prospectus Supplement No. 4 incorporates into the Prospectus the information contained in the attached Quarterly Report on Form 10-Q for the quarter ended September 30, 2021, which was filed with the SEC on November 18, 2021.

* * * * *

This Prospectus Supplement No. 4 is not complete without, and may not be delivered or used except in connection with, our Prospectus, including all amendments and supplements thereto.

We are an "emerging growth company" under the federal securities laws and will be subject to reduced public company reporting requirements. Investing in our common stock is highly speculative and involves a significant degree of risk. See "Risk Factors" beginning on page 9 of the original Prospectus for a discussion of information that should be considered before making a decision to purchase our common stock.

Neither the SEC nor any state securities commission has approved or disapproved of the Company's securities or determined if this Prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this Prospectus Supplement No. 4 is November 19, 2021.

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

FORM 10-Q

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

For the quarterly period ended September 30, 2021

OR

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

For the transition period from _____ to _____

Commission file number: 333-234741

Odyssey Semiconductor Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware

84-1766761

(State or other Jurisdiction of
Incorporation or Organization)

(I.R.S. Employer
Identification No.)

**9 Brown Road
Ithaca, NY 14850
(607) 351-9768**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Securities registered pursuant to Section 12(b) of the Act: None.

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

Indicate by check mark whether the registrant has submitted electronically, every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

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

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input checked="" type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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

As of November 17, 2021, there were 12,726,911 shares of the registrant's common stock, \$0.0001 par value, issued and outstanding.

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PART I – FINANCIAL INFORMATION

Item 1. Financial Statements

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS

	September 30, 2021 (unaudited)	December 31, 2020
Assets		
Current Assets:		
Cash	\$ 3,409,429	\$ 272,705
Contract assets	—	62,273
Accounts receivable	48,045	10,877
Deferred expenses	4,941	185,084
Prepaid expenses and other current assets	35,261	33,569
Total Current Assets	3,497,676	564,508
Restricted cash	103,188	103,149
Property and equipment, net	894,967	986,407
Total Assets	<u>\$ 4,495,831</u>	<u>\$ 1,654,064</u>
Liabilities and Stockholders' Equity		
Current Liabilities:		
Accounts payable and accrued expenses	\$ 119,205	\$ 187,046
Loan payable - short term	77,278	53,858
Deferred revenue	30,000	260,447
Total Current Liabilities	226,483	501,351
Loans payable - long term	554,853	621,600
Total liabilities	781,336	1,122,951
Commitments and contingencies (Note 8)	—	—
Stockholders' Equity:		
Preferred stock, \$0.0001 par value, 5,000,000 shares authorized; 0 shares issued and outstanding as of September 30, 2021 and December 31, 2020, respectively	—	—
Common stock, \$0.0001 par value, 45,000,000 shares authorized, 12,726,911 and 11,429,661 shares issued and outstanding as of September 30, 2021 and December 31, 2020, respectively	1,272	1,143
Additional paid-in capital	9,837,157	4,046,370
Accumulated deficit	(6,123,934)	(3,516,400)
Total Stockholders' Equity	3,714,495	531,113
Total Liabilities and Stockholders' Equity	<u>\$ 4,495,831</u>	<u>\$ 1,654,064</u>

See notes to these condensed consolidated financial statements.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited)

	For The Nine Months Ended September 30,	
	2021	2020
Revenues	\$ 693,074	\$ 1,102,071
Cost of Revenues	792,239	1,106,569
Gross Loss	(99,165)	(4,498)
Operating Expenses:		
Research and development	1,073,737	430,592
Selling, general, and administrative	1,658,994	869,643
Total Operating Expenses	2,732,681	1,300,235
Loss from Operations	(2,831,846)	(1,304,733)
Other Income (Expense):		
Forgiveness of PPP loan and other income	238,719	1
Interest expense	(14,407)	—
Total Other Income (Expense)	224,312	1
Net Loss	\$ (2,607,534)	\$ (1,304,732)
Net Loss Per Share:		
Basic	\$ (0.21)	\$ (0.12)
Diluted	\$ (0.21)	\$ (0.12)
Weighted Average Number of Common Shares Outstanding:		
Basic	12,320,979	11,173,008
Diluted	12,320,979	11,173,008

See notes to these condensed consolidated financial statements.

	For The three months Ended September 30,	
	2021	2020
Revenues	\$ 174,952	\$ 636,070
Cost of Revenues	47,969	495,915
Gross Profit	126,983	140,155
Operating Expenses:		
Research and development	454,658	107,323
Selling, general, and administrative	403,441	339,090
Total Operating Expenses	858,099	446,413
Loss From Operations	(731,116)	(306,258)
Other Income (expense):		
Other income	25,013	—
Interest expense	(4,560)	(893)
Total Other Income (Expense)	20,453	(893)
Net Loss	\$ (710,663)	\$ (307,151)
Net Loss Per Share:		
Basic	\$ (0.06)	\$ (0.03)
Diluted	\$ (0.06)	\$ (0.03)
Weighted Average Number of Common Shares Outstanding:		
Basic	12,726,911	11,199,703
Diluted	12,726,911	11,199,703

See notes to these condensed consolidated financial statements.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY
FOR THE THREE AND NINE MONTHS ENDED SEPTEMBER 30, 2021 AND 2020
(Unaudited)

	<u>Common Stock</u>		<u>Additional Paid-In Capital</u>	<u>Accumulated Deficit</u>	<u>Total Stockholders' Equity</u>
	<u>Shares</u>	<u>Amount</u>			
Balance December 31, 2020	11,429,661	\$ 1,143	\$ 4,046,370	\$ (3,516,400)	\$ 531,113
Stock-based compensation	—	—	678,918	—	678,918
Exercise of stock options	45,625	4	68,434	—	68,438
Sale of shares of common stock	1,251,625	125	5,006,375	—	5,006,500
Costs of stock sale	—	—	(407,445)	—	(407,445)
Net loss three months ended March 31, 2021	—	—	—	(895,111)	(895,111)
Balance March 31, 2021	<u>12,726,911</u>	<u>1,272</u>	<u>9,392,652</u>	<u>(4,411,511)</u>	<u>4,982,413</u>
					—
Stock-based compensation	—	—	223,155	—	223,155
Net loss three months ended June 30, 2021	—	—	—	(1,001,760)	(1,001,760)
Balance June 30, 2021	<u>12,726,911</u>	<u>1,272</u>	<u>9,615,807</u>	<u>(5,413,271)</u>	<u>4,203,808</u>
					—
Stock-based compensation	—	—	221,350	—	221,350
Net loss three months ended September 30, 2021	—	—	—	(710,663)	(710,663)
Balance September 30, 2021	<u>12,726,911</u>	<u>\$ 1,272</u>	<u>\$ 9,837,157</u>	<u>\$ (6,123,934)</u>	<u>\$ 3,714,495</u>
					—
	<u>Common Stock</u>		<u>Additional Paid-In Capital</u>	<u>Accumulated Deficit</u>	<u>Total Stockholders' Equity</u>
	<u>Shares</u>	<u>Amount</u>			
Balance December 31, 2019	11,159,661	1,116	3,017,940	(1,473,292)	1,545,764
Stock-based compensation	—	—	63,880	—	63,880
Net loss three months ended March 31, 2020	—	—	—	(502,495)	(502,495)
Balance March 31, 2020	<u>11,159,661</u>	<u>1,116</u>	<u>3,081,820</u>	<u>(1,975,787)</u>	<u>1,107,149</u>
					—
Stock-based compensation	—	—	116,613	—	116,613
Net loss three months ended June 30, 2020	—	—	—	(495,086)	(495,086)
Balance June 30, 2020	<u>11,159,661</u>	<u>1,116</u>	<u>3,198,433</u>	<u>(2,470,873)</u>	<u>728,676</u>
					—
Exercise of stock options	153,750	15	230,609	—	230,624
Stock-based compensation	—	—	148,781	—	148,781
Net loss three months ended September 30, 2020	—	—	—	(307,151)	(307,151)
Balance September 30, 2020	<u>11,313,411</u>	<u>\$ 1,131</u>	<u>\$ 3,577,823</u>	<u>\$ (2,778,024)</u>	<u>\$ 800,930</u>

See notes to these condensed consolidated financial statements.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

	For The Nine Months Ended September 30,	
	2021	2020
Cash Flows From Operating Activities:		
Net loss	\$ (2,607,534)	\$ (1,304,732)
Adjustments to reconcile net loss to net cash used in operating activities:		
Stock-based compensation	1,123,423	329,274
Forgiveness of PPP loan and other	(210,680)	—
Depreciation and amortization	124,631	72,811
Changes in operating assets and liabilities:		
Contract assets	62,273	430,732
Accounts receivable	(37,168)	(184,418)
Prepaid expenses and other current assets	(1,693)	55,657
Deferred expenses	180,143	29,547
Accounts payable and accrued expenses	(67,843)	93,636
Deferred revenue	(230,447)	(106,000)
Total Adjustments	<u>942,639</u>	<u>721,239</u>
Net Cash Used In Operating Activities	<u>(1,664,895)</u>	<u>(583,493)</u>
Cash Flows Used In Investing Activities:		
Purchases of property and equipment	(32,505)	(610,487)
Net Cash from Investing Activities	<u>(32,505)</u>	<u>(610,487)</u>
Cash Flows From Financing Activities:		
Proceeds from sale of common stock, net of costs	4,599,055	—
Proceeds from government loans	193,625	684,580
Repayment of government loans	(26,956)	(1,175)
Proceeds from exercise of stock options	68,438	230,624
Payment of deferred offering costs	—	(40,742)
Payment of deferred loan costs	—	(4,560)
Net Cash Provided By Financing Activities	<u>4,834,162</u>	<u>868,727</u>
Net Increase (Decrease) In Cash and Restricted Cash	<u>3,136,762</u>	<u>(325,253)</u>
Cash and Restricted Cash - Beginning Of Period	<u>375,855</u>	<u>798,283</u>
Cash and Restricted Cash - End Of Period	<u>\$ 3,512,617</u>	<u>\$ 473,030</u>
Cash and Restricted Cash Consisted of the Following:		
Cash	\$ 3,409,429	\$ 370,220
Restricted cash	103,188	102,810
	<u>\$ 3,512,617</u>	<u>\$ 473,030</u>
Supplemental Disclosures of Cash Flow Information:		
Cash paid during the year for:		
Interest	<u>\$ 6,911</u>	<u>\$ 100</u>

See notes to these condensed consolidated financial statements.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 1 – Nature of Operations and Liquidity

Organization and Operations

Odyssey Semiconductor Technologies, Inc. (“Odyssey Technologies”) was incorporated on April 12, 2019 under the laws of the State of Delaware. Odyssey Technologies, through its wholly-owned subsidiary, Odyssey Semiconductor, Inc. (“Odyssey Semiconductor”) and Odyssey Semiconductor’s wholly owned subsidiary, JR2J, LLC (“JR2J”) (collectively, the “Company”), is a semiconductor device company developing high-voltage power switching components and systems based on proprietary Gallium Nitride (“GaN”) processing technology.

COVID-19

The extent of the impact and effects of the recent outbreak of the coronavirus (COVID-19) on the operation and financial performance of our business will depend on future developments, including the duration and spread of the outbreak, related travel advisories and restrictions, the consequential potential of staff shortages, and project development delays, all of which are highly uncertain and cannot be predicted. If demand for the Company’s services or the Company’s ability to service customers are impacted for an extended period, especially as it relates to major customers, our financial condition and results of operations may be materially adversely affected.

Liquidity and Financial Condition

As of September 30, 2021, the Company had a cash balance, working capital and accumulated deficit of approximately \$3,410,000, \$3,270,000 and \$6,100,000, respectively. During the nine months ended September 30, 2021, the Company generated a net loss of approximately \$2,600,000.

The Company believes its current cash on hand is sufficient to meet its operating obligations and capital requirements for at least twelve months from the issuance of these financial statements. Thereafter, the Company may need to raise further capital through the sale of additional equity or debt securities or other debt instruments to support its future operations. The Company’s operating needs include the planned costs to operate its business, including amounts required to fund working capital and capital expenditures. The Company’s future capital requirements and the adequacy of its available funds will depend on many factors, including the Company’s ability to successfully commercialize its products and services, competing technological and market developments, and the need to enter into collaborations with other companies or acquire other companies or technologies to enhance or complement its product and service offerings. There is also no assurance that the amount of funds the Company might raise will enable the Company to complete its development initiatives or attain profitable operations. If the Company is unable to obtain additional financing on a timely basis, it may have to curtail its development, marketing and promotional activities, which would have a material adverse effect on the Company’s business, financial condition and results of operations, and ultimately, the Company could be forced to discontinue its operations and liquidate.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 2 - Summary of Significant Accounting Policies

There have been no material changes to the significant accounting policies included in the condensed consolidated financial statements as of September 30, 2021 and for the year then ended, which were previously filed, except as disclosed in this note.

Basis of Presentation

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") for interim financial information. Accordingly, they do not include all of the information and footnotes required by U.S. GAAP for complete financial statements. In the opinion of management, such statements include all adjustments (consisting only of normal recurring items) which are considered necessary for a fair presentation of the unaudited condensed consolidated financial statements of the Company as of September 30, 2021 and for the nine months ended September 30, 2021 and 2020. The results of operations for the nine months ended September 30, 2021 are not necessarily indicative of the operating results for the full year ending December 31, 2021 or any other period. These unaudited condensed consolidated financial statements should be read in conjunction with the audited financial statements and related disclosures included in the Company's Annual Report on Form 10-K for fiscal year ended December 31, 2020 which have been filed with the Securities and Exchange Commission on April 8, 2021, as amended on Form 10-K/A on May 28, 2021.

Use of Estimates

Preparation of financial statements in conformity with U.S. GAAP requires management to make estimates, judgments and assumptions that affect the amounts reported in the financial statements and the amounts disclosed in the related notes to the financial statements. The Company's significant estimates used in these financial statements include, but are not limited to, fair value calculations for equity securities, stock-based compensation, the collectability of receivables, the recoverability and useful lives of long-lived assets, and the valuation allowance related to the Company's deferred tax assets. Certain of the Company's estimates could be affected by external conditions, including those unique to the Company and general economic conditions. It is reasonably possible that these external factors could have an effect on the Company's estimates and could cause actual results to differ from those estimates.

Cash and Cash Equivalents

The Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents in the financial statements. As of September 30, 2021 and December 31, 2020, the Company had no cash equivalents. The Company has cash on deposits in several financial institutions which, at times, may be in excess of Federal Deposit Insurance Corporation ("FDIC") insurance limits. The Company has not experienced losses in such accounts and periodically evaluates the creditworthiness of its financial institutions. The Company reduces its credit risk by placing its cash and cash equivalents with major financial institutions.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 2 - Summary of Significant Accounting Policies – continued

Restricted Cash

Restricted cash was comprised of cash held as a security deposit in connection with the Company's operating lease. See Note 8 – Commitments and Contingencies - Operating Lease for additional details.

Property and Equipment

Property and equipment are stated at cost, net of accumulated depreciation using the straight-line method over their estimated useful lives, once the asset is placed in service. Expenditures for maintenance and repairs, which do not extend the economic useful life of the related assets, are charged to operations as incurred, and expenditures which extend the economic life are capitalized. Leasehold improvements are depreciated over the lesser of their estimated useful lives or the remaining term of their respective lease. When assets are retired or otherwise disposed of, the costs and related accumulated depreciation or amortization are removed from the accounts and any gain or loss on disposal is recognized in the statement of operations for the respective period.

The Company's long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of the asset may not be recoverable. An impairment loss would be recognized when estimated future cash flows expected to result from the use of the asset and its eventual disposition are less than its carrying amount.

The estimated useful lives of property and equipment are as follows:

Asset	Useful lives (years)
Computer and office equipment	5
Lab equipment	5
Leasehold improvements	shorter of useful life or lease term
Machinery	7-15
Furniture	7

Fair Value of Stock Options and Warrants

The risk-free interest rate was determined from the implied yields from U.S. Treasury zero-coupon bonds with a remaining term consistent with the expected term of the instrument being valued. Option forfeitures are accounted for at the time of occurrence. The expected term used is the estimated period of time that warrants or options are expected to be outstanding. The Company utilizes the "simplified" method to develop an estimate of the expected term of "plain vanilla" employee options. For investor warrants and non-employee options, the expected term used is the contractual life of the instrument being valued. The Company does not yet have a trading history to support its historical volatility calculations. Accordingly, the Company is utilizing an expected volatility figure based on a review of the historical volatility of comparable entities over a period of time equivalent to the expected life of the instrument being valued.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 2 - Summary of Significant Accounting Policies – continued

Revenue Recognition

The Company recognizes revenue under ASC Topic 606, “Revenue from Contracts with Customers” (“ASC 606”). The Company determines revenue recognition through the following steps:

- Step 1: Identify the contract with the customer;
- Step 2: Identify the performance obligations in the contract;
- Step 3: Determine the transaction price;
- Step 4: Allocate the transaction price to the performance obligations in the contract; and
- Step 5: Recognize revenue when the company satisfies a performance obligation.

A majority of the Company’s revenues are generated from contracts with customers that require it to design, develop, manufacture, test and integrate complex equipment and to provide engineering and technical services according to customer specifications. These contracts are often priced on a time and material type basis. Revenues on time and material type contracts are generally recognized in each period based on the amount billable to the customer which is based on direct labor hours expended multiplied by the contractual fixed rate per hour, plus the actual costs of materials and other direct non-labor costs.

The timing of the Company’s revenue recognition may differ from the timing of payment by its customers. A receivable is recorded when revenue is recognized prior to payment and the Company has an unconditional right to payment. Alternatively, when payment precedes the provision of the related services, the Company records deferred revenue until the performance obligations are satisfied. Contract assets are comprised of unbilled contract receivables related to revenues earned but not yet invoiced to customers.

During the nine months ended September 30, 2021 and 2020, there was no revenue recognized from performance obligations satisfied (or partially satisfied) in previous periods.

The Company generates revenue from government contracts that reimburse the Company for certain allowable costs for funded projects. For contracts with government agencies, when the Company has concluded that it is the principal in conducting the research and development expenses and where the funding arrangement is considered central to the Company’s ongoing operations, the Company classifies the recognized funding received as revenue. The Company has determined that revenue generated from government grants is outside the scope of ASC 606 and, as a result, the Company recognizes revenue upon incurring qualifying, reimbursable expenses. During the nine months ended September 30, 2021 and 2020, the Company recognized approximately \$418,000 and \$900,000, respectively, of grant revenue. During the three months ended September 30, 2021 and 2020, the Company recognized approximately \$0 and \$450,000, respectively, of grant revenue.

Deferred Expenses

Deferred expenses consist of labor, materials and other costs that are attributable to customer contracts that the Company has not completed its performance obligation under the contract and, as a result, has not recognized revenue. As of September 30, 2021 and December 31, 2020, deferred expenses were approximately \$5,000 and \$185,000, respectively.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 2 - Summary of Significant Accounting Policies – continued

Stock-Based Compensation

The Company measures the cost of services received in exchange for an award of equity instruments based on the fair value of the award. The fair value of the award is measured on the grant date. The fair value amount is then recognized over the period during which services are required to be provided in exchange for the award, usually the vesting period. Upon the exercise of an award, the Company issues new shares of common stock out of its authorized shares.

Net (Loss) Income per share of Common Stock

Basic net (loss) income per share of common stock is computed by dividing net (loss) income by the weighted average number of vested shares of common stock outstanding during the period. Diluted net income per share of common stock is computed by dividing net income by the weighted average number of common and dilutive common-equivalent shares outstanding during each period.

The following shares were excluded from the calculation of weighted average dilutive shares of common stock because their inclusion would have been anti-dilutive:

	As of September 30,	
	<u>2021</u>	<u>2020</u>
Warrants	245,696	155,966
Options	2,042,857	1,736,250
Total	<u>2,288,553</u>	<u>1,892,216</u>

Income Taxes

The Company recognizes deferred tax assets and liabilities for the expected future tax consequences of items that have been included or excluded in the financial statements or tax returns. Deferred tax assets and liabilities are determined on the basis of the difference between the tax basis of assets and liabilities and their respective financial reporting amounts ("temporary differences") at enacted tax rates in effect for the years in which the temporary differences are expected to reverse. The Company has recorded a full valuation allowance against its deferred tax assets for all periods, due to the uncertainty of future utilization.

The Company utilizes a recognition threshold and measurement process for financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. Management has evaluated and concluded that there were no material uncertain tax positions requiring recognition in the Company's financial statements as of September 30, 2021 and December 31, 2020. The Company does not expect any significant changes in its unrecognized tax benefits within twelve months of the reporting date. The Company's policy is to classify assessments, if any, for tax related interest as interest expense and penalties as selling, general and administrative expenses in the consolidated statements of operations.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 2 - Summary of Significant Accounting Policies – continued

Recently Issued Accounting Standards

In February 2016, the FASB issued ASU No. 2016-02, “Leases (Topic 842),” (“ASU 2016-02”). ASU 2016-02 requires an entity to recognize assets and liabilities arising from a lease for both financing and operating leases. ASU 2016-02 will also require new qualitative and quantitative disclosures to help investors and other financial statement users better understand the amount, timing, and uncertainty of cash flows arising from leases. The FASB issued ASU No. 2018-10 “Codification Improvements to Topic 842, Leases” (“ASU 2018-10”), ASU No. 2018-11 “Leases (Topic 842) Targeted Improvements” (“ASU 2018-11”) in July 2018, and ASU No. 2018-20 “Leases (Topic 842) - Narrow Scope Improvements for Lessors” (“ASU 2018-20”) in December 2018. ASU 2018-10 and ASU 2018-20 provide certain amendments that affect narrow aspects of the guidance issued in ASU 2016-02. ASU 2018-11 allows all entities adopting ASU 2016-02 to choose an additional (and optional) transition method of adoption, under which an entity initially applies the new leases standard at the adoption date and recognizes a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption. Pursuant to ASU 2019-10 the effective date for ASC 842 was deferred an additional year. The Company expects to recognize operating lease right-of-use assets and lease liabilities on the balance sheet upon adoption of this ASU. The Company is currently evaluating these ASUs and their impact on its consolidated financial statements.

Note 3 - Prepaid Expenses and Other Current Assets

Prepaid expenses consisted of the following:

	<u>September 30, 2021</u>	<u>December 31, 2020</u>
Insurance	\$ 35,261	\$ 33,569
Total	<u>\$ 35,261</u>	<u>\$ 33,569</u>

Note 4 - Accounts Payable and Accrued Expenses

Accounts payable and accrued expenses consisted of the following:

	<u>September 30, 2021</u>	<u>December 31, 2020</u>
Accounts payable	\$ 29,850	\$ 80,548
Accrued payroll	61,803	46,650
Credit cards payable	13,130	49,045
Other	14,422	10,803
Total	<u>\$ 119,205</u>	<u>\$ 187,046</u>

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
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Note 5 – Property and Equipment

Property and equipment consisted of the following:

	<u>September 30, 2021</u>	<u>December 31, 2020</u>
Computer and office equipment	\$ 2,807	\$ 2,807
Lab equipment	15,606	15,606
Furniture	43,705	43,705
Leasehold improvements	450,374	422,318
Machinery	627,641	623,190
Subtotal	1,140,133	1,107,626
Accumulated Depreciation	(245,166)	(121,219)
Property and Equipment, net	<u>\$ 894,967</u>	<u>\$ 986,407</u>

Depreciation and amortization expense related to property and equipment was approximately \$42,000 and \$30,400 (which was primarily recorded within cost of sales) for the quarters ended September 30, 2021 and 2020, respectively. Depreciation and amortization expense related to property and equipment was approximately \$125,000 and \$73,000 (which was primarily recorded within cost of sales) for the nine months ended September 30, 2021 and 2020, respectively.

Note 6 – Stockholders' Equity

Authorized Capital

The Company is authorized to issue 45,000,000 shares of common stock, \$0.0001 par value per share, and 5,000,000 shares of preferred stock, \$0.0001 par value per share. The holders of the Company's common stock are entitled to one vote per share. No preferred shares have been issued through September 30, 2021.

Common Stock Transactions

In March 2021, the Company sold 1,251,625 shares of common stock at \$4.00 per share for gross proceeds of \$5,006,500 in connection with a private placement of securities. The costs associated with such issuance were \$407,445 in cash and warrants to purchase 89,730 shares of Common Stock of the Company with a term of 5 years and an exercise price of \$4.00 per share. An aggregate of \$480,000 of proceeds were raised from related parties (including an aggregate of \$430,000 from Alex Behfar's family member, Richard Brown, Richard Ogawa and James Shealy), representing approximately 10% of the total gross proceeds.

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Note 7 – Equity Compensation Plan

On June 18, 2019, the Board of Directors and a majority of the Company's shareholders, respectively, approved the 2019 Equity Compensation Plan (the "2019 Plan"). Under the 2019 Plan, 1,326,000 shares of common stock of the Company were authorized for issuance. The 2019 Plan provides for the issuance of incentive stock options, non-statutory stock options, rights to purchase common stock, stock appreciation rights, restricted stock, performance shares and performance units to employees, directors and consultants of the Company and its affiliates. The 2019 Plan requires the exercise price of stock options to be not less than the fair value of the Company's common stock on the date of grant, or 110% of fair value in the case of incentive options granted to a ten-percent stockholder.

On March 11, 2020, the Company granted the following ten-year options to purchase shares of common stock at an exercise price of \$1.50 per share to the Company's then newly appointed Executive Chairman and Acting Chief Executive Officer under the 2019 Plan: (i) an option to purchase 965,850 shares of common stock that vests ratably on a monthly basis over two years and (ii) an option to purchase 321,950 shares of common stock that vests based on performance criteria to be mutually agreed to by the Board and the executive. The grant was reduced to 500,000 options, including 375,000 options and 125,000 options respectively under the two categories, due to limitations under the 2019 Plan. The terms of the 125,000 performance based options were established in the quarter ended September 30, 2020. The terms of the performance based options were met during the quarter ended March 31, 2021.

On May 26, 2020, the Board of Directors and a majority of the Company's shareholders approved an amendment to the 2019 Plan to (i) increase the number of shares of common stock authorized for issuance under the 2019 Plan by 1,174,000 shares, such that a total of 2,500,000 shares of common stock are now authorized for issuance under the 2019 Plan; (ii) increase the maximum aggregate number of shares, options and/or other awards that may be granted to any one person during any calendar year from 500,000 to 1,300,000; and (iii) clarify the availability of cashless exercise as a form of consideration.

On July 16, 2020, the Company granted the following ten-year options to purchase shares of common stock at an exercise price of \$1.50 per share to the Company's then Executive Chairman and Acting Chief Executive Officer under the 2019 Plan: (i) an option to purchase 600,000 shares of common stock that vests ratably on a monthly basis over one year and (ii) an option to purchase 200,000 shares of common stock that vests based on specified performance criteria.

On September 16, 2020, the Board of Directors and a majority of the Company's shareholders approved an amendment to the 2019 Plan to increase the number of shares of common stock authorized for issuance under the 2019 Plan from 2,500,000 shares to 4,600,000 shares.

On September 22, 2020, the Company granted a ten-year options to purchase shares 1,637,410 shares of common stock at an exercise price of \$1.50 per share to the Company's then Chairman and Chief Executive Officer under the 2019 Plan that vests ratably on a monthly basis over two years commencing March 11, 2022.

From June 1 to June 22, 2021, the Company granted five and ten-year options to purchase 388,246 shares of common stock at an exercise price of \$2.90 to \$3.93 per share to employees, an advisory board member and board members under the 2019 Plan that vest over two to five years.

On September 22, 2021, upon the resignation of our then Chief Executive Officer and Chairman, a total of 1,911,160 unvested options that he received on September 25, 2019, March 11, 2020, July 16, 2020 and September 22, 2020 were forfeited as of such date. On such date, the Company also provided the acceleration of 25,000 unvested stock options issued on September 25, 2019, which were to vest as of September 25, 2021. The impact of the modification of the stock option was not material.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
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Note 7 – Equity Compensation Plan – continued

The stock option activity from January 1, 2021 through September 30, 2021 is as follows:

	<u>Shares</u>	<u>Weighted-Average Exercise Price per share</u>	<u>Weighted-Average Remaining Contractual Life (years)</u>
Balance, January 1, 2021	3,257,410	\$ 1.50	9.0
Options granted	388,246	3.69	9.4
Options exercised	(45,625)	1.50	—
Options converted	—	—	—
Options forfeited or expired	(1,911,160)	1.50	—
Balance, September 30, 2021	<u>1,688,871</u>	<u>\$ 2.00</u>	<u>7.5</u>
Vested shares at September 30, 2021	<u>983,667</u>	<u>1.50</u>	<u>8.1</u>

The Company has estimated the fair value of all stock option awards as of the date of grant by applying the Black-Scholes option-pricing model. In applying the Black-Scholes option pricing model, the Company used the following assumptions for 2021 and 2020 issuances:

Risk-free interest rate	1.1%	1.75%
Expected term	7.5 years	10 years
Expected volatility	81%	78%
Expected dividends	0	0.00%
Grant date fair value of common stock	\$ 2.45/share	\$ 1.50/share

During the nine months ended September 30, 2021, the Company recognized stock-based compensation expense related to stock options of approximately \$1,123,000 (\$1,023,000 of which was included within general and administrative expenses, \$69,000 of which was included in research and development expenses and \$31,000 of which was included within cost of revenues on the consolidated statements of operations). During the nine months ended September 30, 2020, the Company recognized stock-based compensation expense related to stock options of approximately \$329,000 (\$198,000 of which was included within general and administrative expenses, \$70,000 of which was included in research and development expenses and \$61,000 of which was included within cost of revenues on the consolidated statements of operations).

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
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Note 7 – Equity Compensation Plan – continued

During the three months ended September 30, 2021, the Company recognized stock-based compensation expense related to stock options of approximately \$221,000 (\$192,000 of which was included within general and administrative expenses, \$27,000 of which was included in research and development expenses and \$2,000 of which was included within cost of revenues on the consolidated statements of operations). During the three months ended September 30, 2020, the Company recognized stock-based compensation expense related to stock options of approximately \$180,000 (\$101,000 of which was included within general and administrative expenses, \$36,000 of which was included in research and development expenses and \$43,000 of which was included within cost of revenues on the consolidated statements of operations).

As of September 30, 2021, there was unamortized stock-based compensation of approximately \$1,300,000 which the Company expects to recognize over 1.7 years. At September 30, 2021, the intrinsic value of outstanding and vested stock options was approximately \$547,000 and \$413,000, respectively.

Note 8 - Commitments and Contingencies

Litigations, Claims, and Assessments

From time to time, the Company is involved in various disputes, claims, liens and litigation matters arising out of the normal course of business which could result in a material adverse effect on the Company's combined financial position, results of operations or cash flows. Liabilities for loss contingencies arising from claims, assessments, litigation, fines and penalties and other sources are recorded when it is probable that a liability has been incurred and the amount of the assessment can be reasonably estimated. As of September 30, 2021 and December 31, 2020, the Company had no outstanding claims or litigation and had no liabilities recorded for loss contingencies.

Operating Lease

On August 21, 2019, the Company entered into a lease for a 10,000 square foot facility consisting of lab and office space. The lease requires monthly payments of \$16,667 and expires on November 30, 2025. The Company has arranged for a \$100,000 letter of credit in favor of the landlord in lieu of a security deposit, which is included as restricted cash on the condensed consolidated balance sheet as of September 30, 2021 and December 31, 2020. The minimum lease payments for the years ending December 31 are approximately as follows: \$200,000 in each of 2020 to 2023 and \$350,000 thereafter.

Note 9 – Concentrations

During the nine months ended September 30, 2021, approximately 60% of revenues were generated from two government entities. Both of these contracts were completed as September 30, 2021. At September 30, 2021, deferred costs and deferred revenues are attributable to one customer contract.

During the three and nine months ended September 30, 2020, substantially all revenues were generated from a government entity pursuant to our contract with a governmental entity and amounted to approximately 60% and 83% of total revenues, respectively.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
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Note 10 – Government Loans

Paycheck Protection Program Loan

On May 1, 2020, the Company received loan proceeds in the amount of approximately \$211,000 under the Paycheck Protection Program (“PPP”). The PPP, established as part of the Coronavirus Aid, Relief and Economic Security Act, as amended (“CARES Act”), provides for loans to qualifying businesses for amounts up to 2.5 times of the average monthly payroll expenses of such qualifying business. The loans and accrued interest are forgivable after certain time periods further defined in the CARES Act (the “Covered Period”) as long as the borrower uses the loan proceeds for eligible purposes, including payroll, benefits, rent and utilities, and maintains its payroll levels. The amount of loan forgiveness will be reduced if the borrower terminates employees or reduces salaries during the Covered Period. The outstanding balance was included in long term loans payable at December 31, 2020. On March 6, 2021, the entire loan balance was forgiven.

On February 24, 2021, the Company received \$193,625 pursuant to a promissory note issued under the Paycheck Protection Program Part 2 (“PPP2”). Interest accrues at 1% per annum and the note is payable in 60 monthly installments of \$3,300 commencing May 2022.

Economic Injury Disaster Loan Advance

On May 1, 2020, the Company received an advance in the amount of \$10,000 from the U.S. Small Business Administration (“SBA”) under the Economic Injury Disaster Loan (“EIDL”) program administered by the SBA, which program was expanded pursuant to the CARES Act. Such advance amount will reduce the Company’s PPP loan forgiveness amount described above. The Company received an additional \$138,900 under this program on August 30, 2020. The loan is payable in monthly payments of \$678 including interest at 3.75% payable over 30 years.

Tomkins County Area Development Loan

On May 27, 2020, the Company received loan proceeds in the amount of \$50,000 from the Tomkins County Area Development (“TCAD”) Emergency Relief Loan Fund. The loan matures after four years and bears interest in the amount of 2.5% per annum, with one year of no interest or principal payments, followed by three years of monthly payments of principal and interest in the amount of \$1,443 per month. The loan is collateralized by certain assets of the Company. The outstanding balance is included in long term loans payable.

Equipment Loans

On August 20, 2020, the Company received a loan of \$100,000 from Broome County Industrial Development Agency (5 year facility, 2.5% annual interest rate, monthly payment of \$1,775); on September 2, 2020, the Company received a loan of \$100,000 from Southern Tier Region Economic Development Corporation (5 year facility, 5.0% annual interest rate, monthly payment of \$2,072); and on August 28, 2020, the Company received a loan of \$75,000 from TCAD (5 year facility, 2.5% annual interest rate, monthly payment of \$1,331). These loans were used to acquire equipment used in the laboratory, and are secured by the underlying assets of the Company.

ODYSSEY SEMICONDUCTOR TECHNOLOGIES, INC. AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
FOR THE QUARTERS ENDED SEPTEMBER 30, 2021 AND 2020

Note 10 – Government Loans - continued

The loans are summarized as follows:

	September 30, 2021	December 31, 2020
Principal outstanding	\$ 635,855	\$ 679,866
Deferred loan costs, net of amortization	(3,724)	(4,408)
Subtotal	632,131	675,458
Less current portion	(77,278)	(53,858)
Total long term portion	\$ 554,853	\$ 621,600

Interest expense on the above debt instruments was approximately \$14,000 and \$5,000 was recognized for the nine and three months ended September 30, 2021, respectively. Interest expense of approximately \$1,400 was recognized for the quarter and nine-months ended September 30, 2020.

Note 11 – Restatement of stock compensation expense

In calculating our stock based compensation expense for the quarter ended June 30, 2021, we identified errors in our previously issued financial statements as of June 30, 2021 related to the measurement of vested stock options. We assessed the materiality of this error in accordance with the U.S. Securities and Exchange Commission (“SEC”) Staff Accounting Bulletin (“SAB”) No. 99, “Materiality” and SAB No. 108, “Considering the Effects of Prior Year Misstatements when Quantifying Misstatements in Current Year Financial Statements” (“SAB 108”), using both the rollover method and the iron curtain method, as defined in SAB 108, and concluded the error were immaterial to the prior period but, if corrected in the current period, would have been material to the current quarter. Under SAB 108, such prior-period misstatements which, if corrected in the current period would be material to the current period, must be corrected by adjusting the prior-period financial statements. Correcting prior-period financial statements for such immaterial misstatements does not require previously filed reports to be amended.

For the three and six months ended June 30, 2021, correction of this error decreased our stock based compensation expense, general and administrative expenses, total operating expenses and net loss by \$313,323. Loss per share decreased in the three and six months ended June 30, 2021 by \$0.02 in each period, to \$0.08 per share and \$0.16 per share, respectively. Further, additional paid in capital and accumulated deficit at June 30, 2021 also decreased by \$313,323.

Note 12 - Subsequent Events

The Company has evaluated events that have occurred after the balance sheet and through November 17, 2021. Based upon the evaluation, the Company did not identify any recognized or non-recognized subsequent events that would have required adjustment or disclosure in the financial statements.

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

The following discussion and analysis of our financial condition and results of operations should be read together with our financial statements and the related notes and the other financial information included elsewhere in this report, as well as our Annual Report on Form 10-K for the year ended December 31, 2020 filed on April 8, 2021, as amended on Form 10-K/A on May 28, 2021. This discussion contains forward-looking statements that involve risks and uncertainties. Forward looking statements are statements not based on historical information and which relate to future operations, strategies, financial results or other developments. Forward looking statements, particularly those identified with the words, "anticipates," "believes," "expects," "plans," "intends," "objectives," and similar expressions, are necessarily based upon estimates and assumptions that are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control and many of which, with respect to future business decisions, are subject to change. These uncertainties and contingencies can affect actual results and could cause actual results to differ materially from those expressed in any forward-looking statements made by, or on our behalf. We disclaim any obligation to update forward looking statements, except as required by law. Dollars in tabular format are presented in thousands, except per share data, or otherwise indicated. When used herein, unless the context requires otherwise, references to the "Company," "we," "our" and "us" refer to Odyssey Semiconductor Technologies, Inc., a Delaware corporation, collectively with its wholly-owned subsidiary, Odyssey Semiconductor, Inc, a Delaware corporation.

OVERVIEW

Odyssey Semiconductor Technologies, Inc. (the "Company") was formed as a Delaware corporation on April 12, 2019. The Company acquired its wholly-owned subsidiary, Odyssey Semiconductor, Inc., a Delaware corporation ("Odyssey Semiconductor"), on June 21, 2019.

We are a semiconductor device company developing revolutionary high-voltage power switching components and systems based on proprietary Gallium Nitride (GaN) processing technology. The premium power switching device market, which is described as applications where silicon-based (Si) systems perform insufficiently, is projected to reach over \$3.5 billion by 2025 and is currently dominated by the semiconductor material silicon carbide (SiC). GaN-based systems outperform Si and SiC based systems in every way due to the superior material properties of GaN. However, GaN devices have, to-date, proven difficult to process using standard semiconductor processing methods that are used to create Si and SiC based devices. We have developed a novel processing modification that allows GaN to be processed in a manner that for the first time, makes high voltage GaN power switching devices viably manufacturable. Our mission is to disrupt the rapidly growing premium power switching device market using our newly developed GaN high voltage power transistor for switching applications.

RECENT DEVELOPMENTS

On September 22, 2021, Alex Behfar resigned as our Chief Executive Officer, Chairman of the Board of Directors and a Director. On the same day, Richard Brown was appointed as our Interim Chief Executive Officer and John Edmunds as our Chairman. As of the date of such resignation, Mr. Behfar owned stock options to purchase 2,672,000 shares of common stock, of which 1,911,000 unvested options were forfeited.

On October 6, 2021, in connection with Mr. Behfar's resignation, the Company entered into a separation agreement with Mr. Behfar. Pursuant to the separation agreement, among other things, Mr. Behfar agreed to certain waiver and release of claims in favor of the Company, and the Company agreed to pay Mr. Behfar certain severance consideration, including payment of three months of health insurance premium and acceleration of vesting of 25,000 non-qualified stock options (granted on September 25, 2019 and exercisable at \$1.50 per share) which were to vest as of September 25, 2021.

Governmental Assistance

Paycheck Protection Program

On May 1, 2020, the Company received loan proceeds in the amount of approximately \$211,000 under the Paycheck Protection Program ("PPP"). The PPP, established as part of the Coronavirus Aid, Relief and Economic Security Act, as amended ("CARES Act"), provides for loans to qualifying businesses for amounts up to 2.5 times of the average monthly payroll expenses of such qualifying business. The loans and accrued interest are forgivable after certain time periods further defined in the CARES Act ("Covered Period") as long as the borrower uses the loan proceeds for eligible purposes, including payroll, benefits, rent and utilities, and maintains its payroll levels. The amount of loan forgiveness will be reduced if the borrower terminates employees or reduces salaries during the Covered Period. On March 6, 2021, the entire loan balance was forgiven.

The unforgiven portion of the PPP loan, if any, is payable over two years at an interest rate of 1%, with a deferral of payments for the first six months. The Company intends to use the proceeds for purposes consistent with the PPP. While the Company currently believes that its use of the loan proceeds will meet the conditions for forgiveness of the loan, there can be no assurance that the Company will not take actions that could cause the Company to be ineligible for forgiveness of the loan, in whole or in part.

On February 24, 2021, the Company received \$193,625 pursuant to a promissory note issued under the Paycheck Protection Program Part 2 ("PPP2"). Interest accrues at 1% per annum and the note is payable in 60 monthly installments of \$3,300 commencing May 2022.

Economic Injury Disaster Loan Advance

On May 1, 2020, the Company received an advance in the amount of \$10,000 from the U.S. Small Business Administration ("SBA") under the Economic Injury Disaster Loan ("EIDL") program administered by the SBA, which program was expanded pursuant to the CARES Act. Such advance amount will reduce the Company's PPP loan forgiveness amount described above. The Company received an additional \$138,900 under this program on August 30, 2020. The loan is payable in monthly payments of \$678 including interest at 3.75% payable over 30 years.

Tomkins County Area Development Loan

On May 27, 2020, the Company received loan proceeds in the amount of \$50,000 from the Tomkins County Area Development ("TCAD") Emergency Relief Loan Fund. The loan matures after four years and bears interest in the amount of 2.5% per annum, with one year of no interest or principal payments, followed by three years of monthly payments of principal and interest in the amount of \$1,443 per month. The loan is collateralized against certain assets of the Company.

Equipment Loans

On August 20, 2020, the Company received a loan of \$100,000 from Broome County Industrial Development Agency (5 year facility, 2.5% annual interest rate, monthly payment of \$1,775); on September 2, 2020, the Company received a loan of \$100,000 from Southern Tier Region Economic Development Corporation (5 year facility, 5.0% annual interest rate, monthly payment of \$2,072) ; and on August 28, 2020, the Company received a loan of \$75,000 from TCAD (5 year facility, 2.5% annual interest rate, monthly payment of \$1,331). These loans were used to acquire equipment used in the laboratory, and are secured by the underlying assets of the Company.

Consulting Service

On October 18, 2019, the Company entered into an exclusive two-year consulting agreement with Akash Systems, Inc. (“Akash”), pursuant to which the Company agreed to provide certain consulting services to Akash in connection with process development and fabrication of GaN-on-Diamond high-electron-mobility transistors and monolithic microwave integrated circuits. Pursuant to the agreement, Akash guarantees to purchase at least one wafer per month from the Company for a total of 24 wafers during the term of the agreement, at a price of \$85,000 per wafer. The Company delivered 2 wafers as of September 30, 2020, and the contract expired as of October 18, 2021.

COMPONENTS OF OUR RESULTS OF OPERATIONS

Revenues

Our revenues are derived from contracts with customers that require us to design, develop, manufacture, test and integrate complex equipment and to provide engineering and technical services according to customer specifications. These contracts are often priced on a time and material type basis. Revenues on time and material type contracts are generally recognized in each period based on the amount billable to the customer which is based on direct labor hours expended multiplied by the contractual fixed rate per hour, plus the actual costs of materials and other direct non-labor costs. We bill customers based upon contractual terms, and accordingly, we have deferred revenues and contract assets depending upon whether we can bill in advance of earnings or in arrears, respectively.

Cost of Revenues

Cost of revenues consist of material, labor, a portion of occupancy expenses, and other expenses directly related to our revenue contracts.

Research and Development

Research and development includes expenses, primarily material, labor, a portion of occupancy expenses, and other expenses incurred in connection with the research and development of certain exploratory projects. Research and development expenses are expensed as they are incurred.

Selling, General, and Administrative

Selling, general, and administrative expenses consist of salaries, payroll taxes and other benefits, legal and professional fees, stock-based compensation, rent and office expenses, marketing and travel and other costs associated with our operation.

Other Income

Other income (expense) consists primarily of interest income on cash balances, forgiveness of PPP loan and other miscellaneous items.

RESULTS OF OPERATIONS

Nine months ended September 30, 2021 compared with nine months ended September 30, 2020

Overview

The following table presents certain information from the condensed consolidated statements of operations:

	For The Nine Months Ended September 30		Difference \$	Difference %
	2021	2020		
Revenues	\$ 693,074	\$ 1,102,071	\$ (408,997)	-37%
Cost of Revenues	792,239	1,106,569	\$ (314,330)	-28%
Gross Loss	(99,165)	(4,498)	\$ (94,667)	2105%
Operating Expenses:				
Research and development	1,073,737	430,592	\$ 643,145	149%
Selling, general, and administrative	1,658,944	869,643	\$ 789,301	91%
Total Operating Expenses	2,732,681	1,300,235	\$ 1,432,446	110%
Loss From Operations	(2,831,846)	(1,304,733)	\$ (1,527,113)	117%
Other Income:				
Forgiveness of PPP loan and other income	238,719	1	\$ 238,718	1000%
Interest expense	(14,407)	—	\$ (14,407)	—
Net Loss	<u>\$ (2,607,534)</u>	<u>\$ (1,304,732)</u>	\$ (1,299,802)	100%

Revenues

Revenues for the nine months ended September 30, 2021 and 2020 were approximately \$693,000 and \$1,102,000, respectively, which represented a decrease of \$409,000, or 37%. The timing of revenue recognition is driven by the completion of specified deliverables and the billing of time and materials over periods of time. Accordingly, the recognition of revenue for these contracts will vary from time to time. In the nine months ended September 30, 2021, we recognized substantially all of our revenue under three customer contracts. During the nine months ended September 30, 2020, the Company also recognized substantially all of our revenue from one of our government contract customers. The customer contracts with governmental entities have concluded. We have a few other customers and several outstanding proposals to new customers.

Cost of Revenues

Cost of revenues for the nine months ended September 30, 2021 and 2020 were approximately \$792,000 and \$1,107,000, respectively, which represented a decrease of \$314,000, or 28%. The base salary, facility and equipment usage fees to operate the fabrication facility during the 2021 and 2020 periods are and allocated between research and development and cost of revenues based upon the specific projects worked on during the period. During the nine months ended September 30, 2021, we also incurred a loss of \$60,000 on one government customer contract due to costs exceeding the contract revenues. We have operated at a gross loss for the past year as our revenues are not yet significant to cover our fixed costs of the facility.

Research and Development

Research and development expenses for the nine months ended September 30, 2021 and 2020 were approximately \$1,074,000 and \$431,000, respectively, which represented an increase of \$643,000, or 149 %. The increase was primarily attributable to an overall increase in our focus on research and development activities, which resulted in increased wage allocation of approximately \$230,000 as well as increased rent, facility fees, equipment usage costs and general lab supplies.

General and Administrative

Selling, general, and administrative expenses for the nine months ended September 30, 2021 and 2020 were approximately \$,659,000 and \$870,000, respectively, which represented an increase of \$789,000, or 91%. The increase was primarily driven by an increase in stock-based compensation costs related to options granted to the Chief Executive Officer (including performance awards that related to the private placement that occurred in March 2021) and board members of approximately \$866,000 as compared to the 2020 period. Legal and professional fees were approximately \$254,000 in the 2021 period as compared to \$336,000 for the 2020 period.

Other Income

Other income for the nine months ended September 30, 2021 includes the forgiveness of our PPP loan of \$ 239,000. Other income (expense) for the nine months ended September 30, 2021 includes to the sale of miscellaneous tools, and in 2020 was insignificant.

Net (Loss) Income

Net (loss) income for the nine months ended September 30, 2021 and 2020 was approximately \$(2,607,000) and \$(1,304,000), respectively, which represented a decrease of \$(1,303,000), or 100%. The decrease was primarily attributable to the increase in research and development and general and administrative expenses of approximately \$1,432,000 driven in turn by an increase in non-cash stock compensation expense of \$794,000.

Three months ended September 30, 2021 compared with three months ended September 30, 2020

Overview

The following table presents certain information from the condensed consolidated statements of operations:

	<u>For The three months Ended September 30,</u> <u>2021</u>	<u>2020</u>	Difference \$	Difference %
Revenues	\$ 174,952	\$ 636,070	\$ (461,118)	-72%
Cost of Revenues	<u>47,969</u>	<u>495,915</u>	\$ (447,946)	-90%
Gross Profit	126,983	140,155	\$ (13,172)	-9%
Operating Expenses:				
Research and development	454,658	107,323	\$ 347,335	324%
Selling, general, and administrative	<u>403,441</u>	<u>339,090</u>	\$ 64,351	19%
Total Operating Expenses	<u>858,099</u>	<u>446,413</u>	\$ 411,686	92%
Loss From Operations	(731,116)	(306,258)	\$ (424,858)	391%
Other Income:				
Forgiveness of PPP loan and other income	25,013	—	\$ 25,013	—
Interest expense	<u>(4,560)</u>	<u>-893</u>	\$ (3,667)	411%
Net Loss	<u>\$ (710,663)</u>	<u>\$ (307,151)</u>	\$ (403,512)	131%

Revenues

Revenues for the three months ended September 30, 2021 and 2020 were approximately \$175,000 and \$636,000, respectively, which represented a decrease of \$461,000, or 72%. We had several clients as of September 30, 2020 and two government contracts with clients concluded as of September 30, 2021. The timing of revenue recognition is driven by the completion of specified deliverables and the billing of time and materials over periods of time. Accordingly, the recognition of revenue for these contracts will vary from time to time. In the three months ended September 30, 2021 and 2020, we recognized 0% and 88% respectively of our revenue under one of these government contracts. The government contracts have concluded prior to September 30, 2021.

Cost of Revenues

Cost of revenues for the three months ended September 30, 2021 and 2020 were approximately \$48,000 and \$496,000, respectively, which represented a decrease of \$448,000, or 90%. The decrease was attributable to decrease labor and allocated facilities costs associated with our client projects in 2021, as major client projects finished in earlier quarters.

Research and Development

Research and development expenses for the three months ended September 30, 2021 and 2020 were approximately \$455,000 and \$107,000, respectively, which represented an increase of \$347,000, or 324%. The increase was primarily attributable to an overall increase in our focus on research and development activities, which resulted in increased wage allocation as well as increased rent, facility fees, equipment usage costs and general lab supplies.

General and Administrative

Selling, general, and administrative expenses for the three months ended September 30, 2021 and 2020 were approximately \$303,000 and \$339,000, respectively, which represented an increase of \$64,000, or 19%. The 2021 period had an increase of approximately \$192,000 in stock-based compensation due to awards issued to the then Chief Executive Officer and board members as compared to \$56,000 in the corresponding 2020 period.

Other Income

Other income (expense) for the three months ended September 30, 2021 and 2020 was insignificant.

Net (Loss) Income

Net (loss) income for the three months ended September 30, 2021 and 2020 was approximately \$(711,000) and \$(307,000), respectively, which represented a decrease of \$(404,000), or 131%. The increase in the loss was primarily attributable to the increase in research and development and general and administrative expenses of approximately \$412,000 – driven in part by an increase of \$82,000 in stock compensation expense.

LIQUIDITY AND CAPITAL RESOURCES

Liquidity

We measure our liquidity in a number of ways, including the following:

	September 30, 2021	
Cash	\$	3,409,429
Working Capital	\$	3,271,191

As of September 30, 2021, we had cash and working capital of \$3,409,429 and \$3,271,191, respectively. We received approximately \$194,000 in funding from the PPP2 government loan in February 2021 – see “RECENT DEVELOPMENTS – Governmental Assistance” above. We expect our current cash on hand to be sufficient to meet our operating and capital requirements for at least the next twelve months from the date of this filing. Thereafter, we may need to raise further capital, through the sale of additional equity or debt securities, to support our future operations. Our operating needs include the planned costs to operate our business, including amounts required to fund working capital and capital expenditures as well as research and development. Our future capital requirements and the adequacy of our available funds will depend on many factors, including our ability to successfully commercialize our products and services, competing technological and market developments, and the need to enter into collaborations with other companies or acquire other companies or technologies to enhance or complement our product and service offerings. If we are unable to secure additional capital, we may be required to curtail our research and development initiatives and take additional measures to reduce costs in order to conserve our cash.

Our sources and uses of cash were as follows:

Net cash (used in) provided by operating activities for the nine months ended September 30, 2021 and 2020 was approximately \$(1,665,000) and \$(583,000), respectively. Net cash used in operating activities for the nine months ended September 30, 2021 includes cash used to fund a net loss of approximately \$2,608,000, reduced by \$1,037,000 of non-cash expenses, and reduced by \$95,000 of net cash provided by changes in the levels of operating assets and liabilities.

Net cash provided by operating activities for the nine months ended September 30, 2020 included cash provided by net loss of approximately \$(1,304,000) partially offset by \$402,000 of non-cash expenses and reduced by \$319,000 of net cash used in changes in the levels of operating assets and liabilities.

Net cash used in investing activities for the nine months ended September 30, 2021 and 2020 was approximately \$(33,000) and \$(610,000), respectively. Net cash used in investing activities for the nine months ended September 30, 2020 was primarily attributable to the purchase property and equipment, and leasehold improvements in the laboratory.

Net cash provided by financing activities for the nine months ended September 30, 2021 and 2020 was approximately \$4,834,000 and \$869,000, respectively. Net cash used in financing activities for the nine months ended September 30, 2021 was primarily attributable to expenditures to the private placement of our common stock which yielded approximately \$4.6 million in net proceeds, and the proceeds from the PPP2 loan and proceeds from the exercise of stock options. Net cash used in financing activities for the nine months ended September 30, 2020 was primarily attributable proceeds under government loan programs of \$684,000 and proceeds from the exercise of stock options of \$231,000.

OFF-BALANCE SHEET ARRANGEMENTS

We do not have any off-balance sheet arrangements (as that term is defined in Item 303 of Regulation S-K) that are reasonably likely to have a current or future material effect on our financial condition, revenue or expenses, results of operations, liquidity, capital expenditures or capital resources.

CRITICAL ACCOUNTING POLICIES

Our critical accounting policies are included in Note 2 of our financial statements included elsewhere in this registration statement.

RECENTLY ISSUED ACCOUNTING STANDARDS

Our recently issued accounting standards are included in Note 2 of our financial statements included elsewhere in this registration.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

We are a smaller reporting company and are not required to provide the information under this item pursuant to Regulation S-K.

Item 4. Controls and Procedures.

Evaluation of Disclosure Controls and Procedures

We maintain disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934, as amended (the "Exchange Act")) that are designed to be effective in providing reasonable assurance that information required to be disclosed in our reports under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC, and that such information is accumulated and communicated to our management to allow timely decisions regarding required disclosure.

In designing and evaluating disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable, not absolute assurance of achieving the desired objectives. Also, the design of a control system must reflect the fact that there are resource constraints and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty and that breakdowns can occur because of simple error or mistake. The design of any system of controls is based, in part, upon certain assumptions about the likelihood of future events and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions.

In connection with the preparation of this Quarterly Report on Form 10-Q, we carried out an evaluation based on the criteria in Internal Control — Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission, under the supervision and with the participation of management, including our chief executive officer, of the effectiveness of the design and operation of our disclosure controls and procedures as of the end of the period covered by this report. Based upon that evaluation, due to a material weakness in our internal control over financial reporting that we previously identified relating to a lack of segregation of duties as disclosed in our Annual Report on Form 10-K for the year ended December 31, 2020, management concluded that our disclosure controls and procedures were ineffective as of September 30, 2021.

A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that a reasonable possibility exists that a material misstatement of our annual or interim financial statements would not be prevented or detected on a timely basis. The Company is considering various remediation methods to mitigate such material weakness, but has not yet adopted or implemented any plan to remedy such deficiency.

Based upon that continuing evaluation of our disclosure controls and procedures, management is actively engaged in the planning for, and implementation of, remediation efforts to address our material weakness and improve our internal control over financial reporting and disclosure controls and procedures. We are developing new procedures that we are implementing and testing in the fourth quarters of 2021. We hope to complete the implementation, remediation and test of the new procedures by the end of the year.

Changes in Internal Controls over Financial Reporting

As of the September 30, 2021, there have been no changes in the internal controls over financial reporting that materially affected, or are reasonably likely to materially affect, our internal control over financial despite the fact that virtually all of our employees are working remotely due to the COVID-19 pandemic. We are continually monitoring and assessing the COVID-19 situation on our internal controls over financial reporting to minimize any related impact on their effectiveness.

PART II – OTHER INFORMATION

Item 1. Legal Proceedings

None.

Item 1A. Risk Factors

As a smaller reporting company, we are not required to provide the information required by this item.

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

None.

Item 3. Defaults upon Senior Securities

None.

Item 4. Mine Safety Disclosures

Not applicable.

Item 5. Other Information

None.

Item 6. Exhibits

The following exhibits are included and filed with this report.

Exhibit	Exhibit Description
3.1	Certificate of Incorporation of Odyssey Semiconductor Technologies, Inc. (Incorporated by reference to Exhibit 3.1 to Registration Statement on Form S-1 filed on November 15, 2019, File No. 333- 234741)
3.2	Bylaws of Odyssey Semiconductor Technologies, Inc. (Incorporated by reference to Exhibit 3.2 to Registration Statement on Form S-1 filed on November 15, 2019, File No. 333- 234741)
10.1	Form of Separation Agreement, dated October 6, 2021, by and between Alex Behfar and Odyssey Semiconductor Technologies, Inc. (Filed herewith.)
31.1	Rule 13a-14(a)/15d-14(a) Certification of Principal Executive Officer and Principal Financial and Accounting Officer
32.1	Section 1350 Certification of Principal Executive Officer and Principal Financial and Accounting Officer *
101	Interactive Data Files
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Definition

* Furnished and not filed.

SIGNATURES

Pursuant to the requirements of the Securities and Exchange Act of 1934, the Registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized on November 17, 2021.

Odyssey Semiconductor Technologies, Inc.

By: /s/ Richard Brown
Richard Brown
Interim Chief Executive Officer