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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): September 13, 2021

Odyssey Semiconductor Technologies, Inc.

(Exact Name of Registrant as Specified in its Charter)

333-234741

Delaware (State or other Jurisdiction of Incorporation)

(Commission File Number) 84-1766761 (I.R.S. Employer Identification No.)

9 Brown Road Ithaca, NY 14850

(Address of Principal Executive Offices)

Registrant's telephone number, including area code: (607) 351-9768

N/A

(Former Address of Principal Executive Offices)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation under any of the following provisions (*ee* General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c)) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \boxtimes

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.

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

Section 5 - Corporate Governance and Management

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

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.

Section 7 – Regulation FD

Item 7.01. Regulation FD Disclosure

On September 17, 2021, the Company published a press release regarding the aforementioned change of management..

A copy of the press release is attached hereto as Exhibit 99.1. The information contained in this Current Report on Form 8-K (including the exhibit) is being furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as otherwise expressly stated in such filing.

Section 9 - Financial Statements and Exhibits

Item 9.01. Financial Statements and Exhibits

(c) Exhibits

99.1 Press Release dated September 17, 2021

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: September 17, 2021

Odyssey Semiconductor Technologies, Inc.

By: /

/s/ Richard Brown Name: Richard Brown Title: Interim Chief Executive Officer

ODYSSEY SEMI

Odyssey Semiconductor Technologies Announces CEO Transition and Appointment of John Edmunds as Chairman of the Board

Rick Brown, Co-founder, CTO and Board Member, Appointed as Interim CEO; Alex Behfar Resigns as CEO and Board Member

ITHACA, N.Y., September 17, 2021 -- Odyssey Semiconductor Technologies, Inc. (OTCQB: ODII), a semiconductor device company developing innovative high-voltage power switching components based on proprietary Gallium Nitride ("GaN") processing technology, today announced that Rick Brown, co-founder, CTO and Board member, has been appointed as interim CEO of Odyssey effective September 22, 2021, replacing Alex Behfar who resigned as CEO, Chairman and Board Member. The Company has initiated a search for a permanent CEO to succeed Mr. Behfar.

Commenting on the CEO transition, Mr. Brown stated, "Alex was instrumental in efforts to advance our proprietary technology that will allow for gallium nitride ("GaN") to replace silicon carbide ("SiC") as the leading high-voltage power switching semiconductor material. The premium power switching device market, which is described as applications where SiC based systems perform insufficiently, is projected to reach over \$3.5 billion by 2025. While we have benefited from Alex's contributions, we remain on a very strong course and wish him well in his future endeavors."

"Odyssey is an extraordinary Company and it has been an honor to serve as CEO," said Alex Behfar. "I am proud of the successes that we have achieved together and the Company is well-positioned for long-term growth."

The Company's Board of Directors also appointed John Edmunds as Chairman of the Board. Mr. Edmunds recently joined the Odyssey board as an independent member and brings over 40 years of financial experience including 20 years as a public company CFO with fast growing semiconductor companies.

Mr. Edmunds added, "During this transition period, it is our priority to ensure that we receive input broadly in naming the best individual to lead the Company, while maintaining a stable and effective organization. We will continue to share updates about our leadership and technology developments and appreciate the continued support of our shareholders as we bring Odyssey closer to the commercial launch of its unique vertical GaN high-voltage power switching semiconductors."

About Odyssey Semiconductor Technologies, Inc.

Odyssey Semiconductor Technologies, Inc. (www.odysseysemi.com), has developed a proprietary technology that will allow for GaN to replace SiC as the leading highvoltage power switching semiconductor material. Based in Ithaca, NY, the Company owns and operates a 10,000 sq.ft. semiconductor wafer manufacturing facility complete with a mix of class 1,000 and class 10,000 clean space as well as tools for advanced semiconductor development and production. Odyssey Semiconductor also offers a worldclass semiconductor device development and foundry service.

Forward-Looking Statements

Statements in this press release that are not descriptions of historical facts are forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, but are not limited to, statements about our plans, objectives, representations and contentions and are not historical facts and typically are identified by use of terms such as "may," "will," "should," "could," "expect," "plan," "anticipate," "believe," "estimate," "predict," "potential," "continue" and similar words, although some forward-looking statements are expressed differently. These forward-looking statements are based on management's current expectations and assumptions and are subject to risks and uncertainties. Factors that could cause actual results to differ materially from those currently anticipated include, without limitation, risks relating to the results of our research and development activities, including uncertainties relating to semiconductor process manufacturing; the early stage of our GaN-based technology presently under development; our ability to protect our intellectual property rights that are valuable to our business, including patent and other intellectual property rights; our ability to successfully market and sell our technologies; the ability to achieve high volume manufacturing and the size and growth of the potential markets for any of our technologies, the rate and degree of market acceptance of any of our technologies and our ability to raise funding to support operations and the continued development and qualification of our technology.

In light of these risks, uncertainties and assumptions, the forward-looking statements regarding future events and circumstances discussed in this press release may not occur, and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. The forward-looking statements included herein speak only as of the date hereof, and we undertake no obligation to update publicly or privately any forward-looking statements for any reason after the date of this release to conform these statements to actual results or to changes in our expectations.

Investor Relations Contact:

Darrow Associates Jeff Christensen, Managing Director (703) 297-6917 jchristensen@darrowir.com

Media Contact:

Brad Hem Brad@thedialoglab.com