

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

March 31, 2023
Date of Report (date of earliest event reported)

Momentum Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation or organization)

001-39128
(Commission File Number)

84-1905538
(I.R.S. Employer Identification No.)

3901 N. First Street
San Jose, California
(Address of Principal Executive Offices)

95134
(Zip Code)

(650) 564-7820
Registrant's telephone number, including area code

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see 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))

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A common stock	MNTS	The Nasdaq Stock Market LLC
Warrants	MNTSW	The Nasdaq Stock Market LLC

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

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.

Item 8.01 Other Events.*Recent Press Release*

On March 31, 2023, the Company issued a press release announcing that the Company has successfully completed the initial test sequence of its Microwave Electrothermal Thruster (MET), that relies on solar power and uses distilled water as a propellant, in orbit on the Company's Vigoride 5 mission, which launched on January 3, 2023. A copy of this press release is attached as Exhibit 99.1 to this Form 8-K. The content of the press release is incorporated by reference into this Item 8.01 as if set forth herein.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit Number	Exhibit Description
99.1	Press Release, dated March 31, 2023, issued by Momentus, Inc.
104	Cover Page Interactive Data File (formatted as Inline XBRL)

SIGNATURE

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

Dated: March 31, 2023

By: /s/ Paul Ney
Name: Paul Ney
Title: Chief Legal Officer and Corporate Secretary



Momentus' Pioneering Propulsion System Successfully Completes Initial Tests in Space

Solar Powered System Uses Water as Propellant

SAN JOSE, Calif.--(BUSINESS WIRE)—March 31, 2023-- Momentus Inc. (NASDAQ: MNTS) ("Momentus" or the "Company"), a U.S. commercial space company that offers transportation and other in-space infrastructure services, today announced that the Company has successfully completed the initial test sequence on-orbit of its pioneering Microwave Electrothermal Thruster (MET) that relies on solar power and uses distilled water as a propellant.

The MET is the Vigoride Orbital Service Vehicle's (OSV) primary propulsion method that produces thrust by expelling extremely hot gases through a rocket nozzle. Unlike a conventional chemical rocket engine, which creates thrust through a chemical reaction, the MET is designed to create a plasma and thrust using solar power to drive a microwave energy source that heats the water propellant. Momentus has two patents in support of this proprietary propulsion technology. View video of MET ground testing [here](#).

"The MET technology is central to our transportation services, empowering us to offer custom and precise orbital deliveries for customers, and we're encouraged to see initial testing of the technology on-orbit in space performing the way we anticipated from our ground testing," said Momentus Chief Executive Officer John Rood. "We'll be ramping up testing of the MET over the coming weeks as we look to push its performance in space. The Momentus team has worked incredibly hard to get us to this point. That focus will continue as we aim to advance our sustainable propulsion system that meets a market need and offers advantages over traditional chemical and electric propulsion systems."

The recent MET testing done on-orbit included multiple test firings of the thruster that imparted forces on the Vigoride-5 spacecraft. These forces can change the orbital velocity of the spacecraft, allowing the orbit to be adjusted, changing parameters such as altitude and orbital inclination. This capability will allow Momentus to deliver its customers' payloads to custom orbits. Momentus plans to demonstrate changes in spacecraft altitude and orbital inclination during the current Vigoride-5 mission.

"The MET concept has been studied in academia since the 1980s and we saw tremendous opportunity in commercializing it," said Rood. "Many in-space vehicles use Argon and Xenon – which are often sourced from Russia and Ukraine. The use of water as a propellant alleviates the need to lean on foreign vendors for certain kinds of spacecraft. We've heard a lot of positive feedback about this point from the U.S. Department of Defense. In the much longer term, MET is an attractive option as water becomes known as a more abundant resource in space and propellant for our future vehicles can be pulled from other resources in the solar system. Water is found on the Moon and other places in the solar system, so as we think about longer term missions our use of water as a propellant offers other advantages."

The Vigoride OSV's Attitude Control and Reaction Control Systems also use water as a propellant and were recently tested and fully commissioned. With its water-based propulsion systems, Momentus aims to offer cost-effective, efficient, safe, and environmentally friendly propulsion to meet the demands for in-space transportation and infrastructure services.

About Momentus

Momentus is a U.S. commercial space company that offers in-space infrastructure services, including in-space transportation, hosted payloads and in-orbit services. Momentus believes it can make new ways of operating in space possible with its planned in-space transfer and service vehicles that will be powered by an innovative water plasma-based propulsion system that is under development.

Forward-Looking Statements

This press release contains certain statements which may constitute “forward-looking statements” for purposes of the federal securities laws. Forward-looking statements include, but are not limited to, statements regarding Momentus or its management team’s expectations, hopes, beliefs, intentions or strategies regarding the future, projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, and are not guarantees of future performance. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict and many of which are outside of Momentus’ control. Many factors could cause actual future events to differ materially from the forward-looking statements in this press release, including but not limited to risks and uncertainties included under the heading “Risk Factors” in the Annual Report on Form 10-K filed by the Company on March 7, 2023, as such factors may be updated from time to time in our other filings with the Securities and Exchange Commission (the “SEC”), accessible on the SEC’s website at www.sec.gov and the Investor Relations section of our website at investors.momentus.space. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and, except as required by law, the Company assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

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