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

FORM S-8 **REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933**

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

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

3714 (Primary Standard Industrial **Classification Code Number)** 84-1905538

(I.R.S. Employer **Identification Number)**

3901 N. First Street San Jose, CA 95134 (650) 564-7820 (Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal **Executive Offices**)

> Momentus Inc. 2021 Equity Incentive Plan Momentus Inc. 2021 Employee Stock Purchase Plan Momentus Inc. Amended and Restated 2018 Stock Plan Space Apprentices Enterprise Inc. 2018 Stock Plan (Full Title of the Plans)

> > John C. Rood **Chief Executive Officer** 3901 N. First Street San Jose, CA 95134 Telephone: (650) 564-7820

(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent for Service)

Copies to:

Daniel S. Kim, Esq. **Orrick, Herrington & Sutcliffe LLP** 631 Wilshire Boulevard Santa Monica, California 90401 Telephone: (301) 633-2800

Jikun Kim **Chief Financial Officer** 3901 N. First Street San Jose, CA 95134 Telephone: (650) 564-7820

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 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		Accelerated filer	
Non-accelerated filer	X	Smaller reporting company	\times
		Emerging growth company	\times

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 7(a)(2)(B) of the Securities Act.

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered (1)	Proposed Maximum Offering Price Per Share	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Class A common stock, \$0.00001 par value per share				
- To be issued under the Momentus Inc. 2021 Equity Incentive Plan	5,982,922(2)	\$ 11.17(3)	\$66,829,238.74(3)	\$ 6,195.08(3)
- To be issued under the Momentus Inc. 2021 Employee Stock Purchase Plan	1,595,445(4)	\$ 9.50(5)	\$15,156,727.50(5)	\$ 1,405.03(5)
- To be issued under outstanding options granted under the Momentus Inc. Amended and Restated Stock 2018 Plan and the Space				
Apprentices Enterprise Inc. 2018 Stock Plan	3,262,033(6)	\$ 880,748.91(7)	\$ 880,748.91(7)	<u>\$ 81.65(7)</u>
TOTAL	10,840,400	N/A	\$82,866,715.15	\$ 7,681.76

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement on Form S-8 (the "Registration Statement") shall also cover any additional shares or underlying securities, as applicable, of Class A common stock of Momentus Inc. (the "Registrant") that become issuable (a) under (i) the Momentus Inc. 2021 Equity Incentive Plan (the "2021 Plan"), (ii) the Momentus Inc. 2021 Employee Stock Purchase Plan (the "ESPP"), and (iii) the stock options (the "Prior Plan Options") previously granted under the Momentus Inc. Amended and Restated 2018 Stock Plan and the Space Apprentices Enterprise Inc. 2018 Stock Plan, which Prior Plan Options were assumed by the Registrant, and (b) in respect of the securities identified in the above table by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the Registrant's receipt of consideration which results in an increase in the number of the outstanding shares of the Registrant's Class A common stock.

(2) Represents 5,982,922 shares of Class A common stock reserved for issuance under the 2021 Plan.

(3) Estimated in accordance with Rules 457(c) and (h) under the Securities Act, solely for the purpose of computing the amount of the registration fee and is equal to \$11.17, the average of the high and low prices of the Registrant's Class A common stock as reported on the Nasdaq Global Select Market ("Nasdaq") on October 11, 2021.

(4) Represents 1,595,445 shares of Class A common stock reserved for issuance under the ESPP.

(5) Estimated in accordance with Rules 457(c) and (h) under the Securities Act, solely for the purpose of computing the amount of the registration fee and is equal to 85% of \$11.17, the average of the high and low prices of the Registrant's Class A common stock as reported on Nasdaq on October 11, 2021. Pursuant to the ESPP, shares are sold at 85% of the lesser of the fair market value of such shares on the first trading day of the offering period and the last trading day of the purchase period.

(6) Represents 3,262,033 shares of Class A common stock that will be issued upon exercise of the Prior Plan Options.

(7) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(h) of the Securities Act on the basis of the weighted average exercise price of the Prior Plan Options.

EXPLANATORY NOTE

This registration statement on Form S-8 (this "Registration Statement") of the Registrant includes a prospectus (the "Reoffer Prospectus") prepared in accordance with General Instruction C of Form S-8 and in accordance with the requirements of Part I of Form S-3. This Reoffer Prospectus may be used for reofferings and resales of shares of Class A common stock that may be deemed to be "restricted securities" under the Securities Act of 1933, as amended (the "Securities Act") and the rules and regulations promulgated thereunder that were issued to the selling securityholders identified in the Reoffer Prospectus (the "Selling Securityholders"). The shares of Class A common stock included in the Reoffer Prospectus will be issued to the selling securityholders in respect of awards (as described in the Reoffer Prospectus). The inclusion of such shares herein does not necessarily represent a present intention to sell any or all such shares of Class A common stock.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Item 1. Plan Information.*

Item 2. Registrant Information and Employee Plan Annual Information.*

^{*} In accordance with the instructional note to Part I of Form S-8 as promulgated by the SEC, the information specified by Part I of Form S-8 has been omitted from this Registration Statement. The documents containing the information specified in Part I will be delivered to the participants in the Plans covered by this Registration Statement as required by Rule 428(b)(1) under the Securities Act. These documents and the documents incorporated by reference in this Registration Statement pursuant to Item 3 of Part II of Form S-8, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.



250,712 Shares of Class A Common Stock

This reoffer prospectus relates to the offer and sale from time to time by the selling securityholders named in this prospectus (the "Selling Securityholders"), or their permitted transferees, of up to 250,712 shares of Class A common stock, par value \$0.00001 per share (the "Class A common stock") of Momentus Inc. (unless otherwise indicated or the context otherwise requires, the "Company," "Momentus," "we," "our" or "us"), a Delaware corporation. This prospectus covers 250,712 shares of Class A common stock that will be issued to each Selling Securityholder under an option agreement between the Company and the Selling Securityholder. We are not offering any shares of Class A common stock and will not receive any proceeds from the sale of shares of Class A common stock by the Selling Securityholders pursuant to this prospectus. The Selling Securityholders are "affiliates" of our company (as defined in Rule 405 under the Securities Act of 1933, as amended (the "Securities Act")).

The Selling Securityholders may from time to time sell, transfer or otherwise dispose of any or all of the shares of Class A common stock covered by this prospectus through underwriters or dealers, directly to purchasers (or a single purchaser) or through broker-dealers or agents. If underwriters or dealers are used to sell the shares, we will name them and describe their compensation in a prospectus supplement. The Class A common stock may be sold in one or more transactions at fixed prices, prevailing market prices at the time of sale, prices related to the prevailing market prices, varying prices determined at the time of sale or negotiated prices. We do not know when or in what amount the Selling Securityholders may offer the shares for sale, and certain Selling Securityholders have entered into lock-up agreements described herein. The Selling Securityholders may sell any, all or none of the shares offered by this prospectus. See "*Plan of Distribution*" beginning on page 7 for more information about how the Selling Securityholders may sell or dispose of the shares of Class A common stock covered by this prospectus.

The shares of Class A common stock will be issued pursuant to options granted to the Selling Securityholders would be "restricted securities" within the meaning of Rule 144 under the Securities Act before their sale under this prospectus. This prospectus has been prepared for the purposes of registering the shares under the Securities Act to allow for future sales by Selling Securityholders on a continuous or delayed basis to the public without restriction.

Our Class A common stock is listed on the Nasdaq Global Select Market ("Nasdaq") under the symbol "MNTS." On October 15, 2021, the last reported sale price of our Class A common stock was \$10.63 per share.

We are an "emerging growth company," as that term is defined under the federal securities laws and, as such, are subject to certain reduced public company reporting requirements.

Investing in our securities involves risks that are described in the "Risk Factors" section on page 5 of this prospectus.

Neither the Securities and Exchange Commission (the "SEC") nor any state securities commission has approved or disapproved of the securities to be issued under this prospectus or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is October 18, 2021.

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Neither we nor the Selling Securityholders have authorized anyone to provide any information or to make any representations other than those contained in this prospectus or any accompanying prospectus supplement that we have prepared. We and the Selling Securityholders take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. This prospectus is an offer to sell only the securities offered hereby and only under circumstances and in jurisdictions where it is lawful to do so. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained in this prospectus or any applicable prospectus supplement. This prospectus is not an offer to sell securities, and it is not soliciting an offer to buy securities, in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus or any applicable prospectus supplement is accurate only as of the date of those documents only, regardless of the time of delivery of this prospectus or any applicable prospectus supplement, or any sale of a security. Our business, financial condition, results of operations and prospects may have changed since those dates.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and any accompanying prospectus supplement contain forward-looking statements within the meaning of Section 27A of the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that are forward-looking and as such are not historical facts. These forward-looking statements include, without limitation, 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. The words "may," "will," "anticipate," "believe," "expect," "continue," "could," "estimate," "future," "expect," "intends," "may," "might," "plan," "possible," "potential," "aim," "strive," "predict," "project," "should," "would" and similar expressions may identify forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking. Forward-looking statements in this prospectus may include, for example, statements about:

- the benefits of the Business Combination;
- Momentus' financial performance following the Business Combination;
- Momentus' strategy, future operations, projected capital resources and financial position, estimated revenues and losses, projected costs and capital expenditures, prospects and plans;
- the potential future capabilities of Momentus' technology, including its water plasma propulsion technology;
- projections of market growth and size;
- expansion plans and opportunities; and
- the outcome of any known and unknown litigation and regulatory proceedings.

The following factors among others, could cause actual results and future events to differ materially from those set forth or contemplated in the forward-looking statements:

- the ability of the Company to manage its growth following the Business Combination;
- the ability of the Company to obtain licenses and government approvals for its missions, which are essential to its operations;
- the ability of the Company to effectively market and sell satellite transport services and planned in-orbit services;
- the ability of the Company to protect its intellectual property and trade secrets;
- the development of markets for satellite transport and in-orbit services;
- the ability of the Company to develop, test and validate its technology, including its water plasma propulsion technology;
- delays or impediments that the Company may face in the development, manufacture and deployment of next generation satellite transport systems;
- the ability of the Company to convert backlog or inbound inquiries into revenue;
- changes in applicable laws or regulations and extensive and evolving government regulations that impact operations and business, including export control license requirements;
- the ability to attract or maintain a qualified workforce with the required security clearances and requisite skills;
- level of product service or product or launch failures or delays that could lead customers to use competitors' services;
- investigations, claims, disputes, enforcement actions, litigation and/or other regulatory or legal proceedings;
- the effects of the COVID-19 pandemic on the Company's business;
- the Company's ability to comply with the terms of the NSA and any related compliance measures instituted by a director who is approved by the CFIUS Monitoring Agencies (the "Security Director");
- the possibility that the Company may be adversely affected by other economic, business, and/or competitive factors; and/or
- other risks and uncertainties described in this prospectus, including those under the section titled "Risk Factors."

The forward-looking statements contained in this prospectus are based on our current expectations and beliefs concerning future developments and their potential effects on our business. There can be no assurance that future developments affecting our business will be those that we have anticipated. These forward-looking statements involve a number of risks, uncertainties (some of which are beyond our control) or other assumptions that may cause actual results or performance to be materially different from those expressed or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to, those factors described in the section entitled *"Risk Factors."* Moreover, we operate in a very competitive and rapidly changing environment. New risks and uncertainties emerge from time to time and it is not possible for us to predict all such risk factors, nor can we assess the effect of all such risk factors on our business or the extent to which any factor or combination of factors may cause actual results to differ materially from those contained in any forward-looking statements. Should one or more of these risks or uncertainties materialize, or should any of the assumptions prove incorrect, actual results may vary in material respects from those projected in these forward-looking statements.

The forward-looking statements made by us in this prospectus and any accompanying prospectus supplement speak only as of the date of this prospectus and the accompanying prospectus supplement. Except to the extent required under the federal securities laws and rules and regulations of the SEC, we disclaim any obligation to update any forward-looking statement to reflect events or circumstances after the date on which the statement is made or to reflect the occurrence of unanticipated events. In light of these risks and uncertainties, there is no assurance that the events or results suggested by the forward-looking statements will in fact occur, and you are cautioned not to place undue reliance on these forward-looking statements.

PROSPECTUS SUMMARY

This summary highlights selected information from this prospectus and does not contain all of the information that is important to you in making an investment decision. This summary is qualified in its entirety by the more detailed information included in this prospectus, including the documents incorporated by reference herein. Potential investors should read the entire prospectus carefully, including the risks of purchasing our common stock discussed in "Risk Factors."

The Company

Momentus is a U.S. commercial space company that plans to offer 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. The Company anticipates flying its first two Vigoride vehicles to Low Earth Orbit on a third-party launch provider no earlier than June 2022, subject to receipt of appropriate government licenses, approvals and availability of slots on its launch provider's manifest, for which there is no assurance such licenses, approvals and availability will be received, if at all.

The technology underlying our anticipated service offerings is still in the process of being developed, and has not been fully tested or validated in space. Our ability to execute on our business plan is dependent on the successful development and commercialization of the technologies described in this prospectus and any accompanying prospectus supplement. Although we believe our water plasma propulsion technology will be a key differentiator of our product offerings, we have to date only conducted one test of this technology in space. Although we believe our test unit generated plasma in space and validated the theoretical basis of our technology, we have yet to experimentally confirm the unit's ability to generate thrust in space, which is crucial to our ability to conduct actual spacecraft maneuvers on orbit. Until we can accomplish this, the technology will remain in the experimental stages. Moreover, even if the unit generates thrust, there can be no assurance that it can be operated in a manner that is sufficiently reliable and efficient to permit full commercialization of the technology. Our statements and beliefs about the viability of our technology are primarily based on theoretical analyses and experimentally observed results during ground testing and our single test of this technology in space. Development of space technologies is extremely complex, time consuming, and expensive, and there can be no assurance that our predicted theoretical and ground-based results will translate into operational space vehicles that operate within the parameters we expect, or at all. This prospectus and any accompanying prospectus supplement describe Momentus' current business plans for continuing to develop its technology and marketing and commercializing its products, however there can be no assurance that Momentus will be able to successfully develop its technologies and implement them in commercially viable vehicles.

Background

We were incorporated in the State of Delaware in May 2019 as a special purpose acquisition company under the name Stable Road Acquisition Corp. On November 13, 2019, we completed our initial public offering. On August 12, 2021, we consummated the Business Combination with Legacy Momentus pursuant to the Merger Agreement. In connection with the Business Combination, we changed our name from Stable Road Acquisition Corp. to Momentus Inc.

Emerging Growth Company

As a company with less than \$1.07 billion in revenues during our last completed fiscal year, we qualify as an "emerging growth company" as defined in the Jumpstart Our Business Startups Act of 2012, or the JOBS Act. An emerging growth company may take advantage of specified reduced reporting requirements that are otherwise applicable generally to public companies. These reduced reporting requirements include:

- an exemption from compliance with the auditor attestation requirement on the effectiveness of our internal control over financial reporting;
- an exemption from compliance with any requirement that the Public Company Accounting Oversight Board may adopt regarding a supplement to the auditor's report providing additional information about the audit and the financial statements;



- reduced disclosure about our executive compensation arrangements; and
- an exemption from the requirements to obtain a non-binding advisory vote on executive compensation or a stockholder approval of any golden parachute arrangements.

We may choose to take advantage of some, but not all, of the available benefits under the JOBS Act. Accordingly, the information contained herein may be different from the information you receive from other public companies in which you hold stock. Further, pursuant to Section 107 of the JOBS Act, as an emerging growth company, we have elected to use the extended transition period for complying with new or revised accounting standards until those standards would otherwise apply to private companies. As a result, our consolidated financial statements may not be comparable to the financial statements of issuers who are required to comply with the effective dates for new or revised accounting standards that are applicable to public companies, which may make our Class A common stock less attractive to investors.

We will remain an emerging growth company until the earlier of (1) the last day of the fiscal year (a) following November 13, 2024, (b) in which we have total annual gross revenue of at least \$1.07 billion, or (c) in which we are deemed to be a large accelerated filer, which means the market value of our Class A common stock that is held by non-affiliates exceeds \$700 million as of the prior June 30th, and (2) the date on which we have issued more than \$1.0 billion in non-convertible debt securities during the prior three-year period.

About This Offering

This reoffer prospectus relates to the public offering, which is not being underwritten, by the Selling Securityholders listed in this prospectus, of up to 250,712 shares of our Class A common stock, that will be issued to each Selling Securityholder under an option agreement between the Company and the Selling Securityholder.

The Selling Securityholders may from time to time sell, transfer or otherwise dispose of any or all of the shares of Class A common stock covered by this prospectus through underwriters or dealers, directly to purchasers (or a single purchaser) or through broker-dealers or agents. We will receive none of the proceeds from the sale of the shares by the Selling Securityholders. We will bear all expenses of registration incurred in connection with this offering, but all selling and other expenses incurred by the Selling Securityholders will be borne by them.

Risk Factors

Our business is subject to numerous risks and uncertainties, including those highlighted in the section titled "*Risk Factors*", that represent challenges that we face in connection with the successful implementation of our strategy and growth of our business.

Corporate Information

Our principal executive offices are located at 3901 N. First Street, San Jose, CA 95134. Our telephone number is (650) 564-7820. Our website address is *www.momentus.space*. Information contained on our website or connected thereto does not constitute part of, and is not incorporated by reference into, this prospectus or the registration statement of which it forms a part.

Momentus, the Momentus logo and our other registered or common law trademarks, service marks or trade names appearing in this prospectus are the property of Momentus. Other trademarks, service marks and trade names used in this prospectus are the property of their respective owners.

RISK FACTORS

An investment in our securities involves a high degree of risk. You should carefully consider the risks described under "Risk Factors" in our Form S-1, filed with the Commission on September 3, 2021 (which is incorporated by reference herein), as well as the other information contained or incorporated by reference in this prospectus or in any prospectus supplement hereto before making a decision to invest in our Class A common stock. Our business, prospects, financial condition, or operating results could be harmed by any of these risks, as well as other risks not currently known to us or that we currently consider immaterial. The trading price of our securities could decline due to any of these risks, and, as a result, you may lose all or part of your investment.

DETERMINATION OF OFFERING PRICE

The Selling Securityholders will determine at what price they may sell the offered shares, and such sales may be made at prevailing market prices or at privately negotiated prices. See "*Plan of Distribution*" below for more information.

USE OF PROCEEDS

The shares of Class A common stock offered hereby are being registered for the account of the Selling Securityholders named in this prospectus. All proceeds from the sales of the Class A common stock will go to the Selling Securityholders and we will not receive any proceeds from the resale of the Class A common stock by the Selling Securityholders.

SELLING SECURITYHOLDERS

The following table sets forth information with respect to the Selling Securityholders and the shares of our Class A common stock beneficially owned by the Selling Securityholders as of October 1, 2021 and the percentage of beneficial ownership is calculated based on 73,854,681 shares of Class A common stock outstanding as of such date. The Selling Securityholders may offer all, some or none of the shares of Class A common stock covered by this prospectus. The Selling Securityholders identified below may have sold, transferred or otherwise disposed of some or all of their shares since the date on which the information in the following table is presented in transactions exempt from or not subject to the registration requirements of the Securityholders upon termination of this offering because the Selling Securityholders may offer some or all of their Class A common stock under the offering contemplated by this prospectus or acquire additional shares of Class A common stock, and we cannot advise you as to whether the Selling Securityholders will, in fact, sell any or all of such shares of Class A common stock. Any prospectus supplement may add, update, substitute, or change the information contained in this prospectus, including the identity of each selling securityholder and the number of shares of Class A common stock registered on their behalf. Selling securityholder information for each additional selling securityholder, if any, will be set forth by prospectus supplement to the extent required prior to the time of any offer or sale of such selling securityholder's securities pursuant to this prospectus.

We have determined beneficial ownership in accordance with the rules of the SEC and the information is not necessarily indicative of beneficial ownership for any other purpose. Unless otherwise indicated below, the address of each Selling Securityholder listed in the table below is c/o Momentus Inc., 3901 N. First Street, San Jose, CA 95134 and to our knowledge, the persons and entities named in the tables have sole voting and sole investment power with respect to all securities that they beneficially own, subject to community property laws where applicable.

					Class A	% of Class	
					Common	A Common	
	Class A	% of Class	% of		Stock	Stock	% of Total
	Common	A Common	Total	Class A	Beneficially	Beneficially	Voting
	Stock	Stock	Voting	Common	Owned	Owned	Power
	Beneficially	Beneficially	Power	Stock	After	After	After
Name of	Owned	Owned	Prior	Offered	Completion	Completion	Completion
Selling	Prior to the	Prior to the	to the	for	of the	of the	of the
Securityholder	Resale(1)	Resale	Resale(2)	Resale(3)	Resale(1)	Resale(1)	Resale(2)
Dawn Harms ⁽³⁾	130,578	*	*	250,712	*	*	*

* Less than one percent.

 Represents all shares of Class A common stock issuable pursuant to equity awards previously granted, which are or will become exercisable, vested or convertible within 60 days after October 1, 2021.

(2) Represents voting power with respect to all shares of Class A common stock, as a single class. Each share of Class A common stock is entitled to one (1) vote per share.

(3) Represents all shares of Class A common stock issuable to a person pursuant to equity awards previously granted irrespective of whether such grants are exercisable, vested or convertible as of October 1, 2021 or will become exercisable, vested or convertible within 60 days after October 1, 2021.

Listing of Common Stock

Our Class A common stock is currently listed on Nasdaq under the symbol "MNTS."

Other Material Relationships with the Selling Securityholders

Employment Relationships

The information set forth in the section titled "Executive Compensation" of the Form S-1 filed with the Commission on September 3, 2021 pertaining to Dawn Harms amended and restated offer letter and the Company's director compensation policies is incorporated herein by reference.

Indemnification Agreement and Directors' and Officers' Liability Insurance

The Company has entered into separate indemnification agreements with the Company's directors and officers. These agreements, among other things, will require the Company to indemnify our directors and officers for certain expenses, including attorneys' fees, judgments, fines and settlement amounts incurred by a director or officer in any action or proceeding arising out of their services as one of our directors or officers or any other company or enterprise to which the person provides services at our request. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, or control persons, in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

We also maintain a directors' and officers' insurance policy pursuant to which our directors and officers are insured against liability for actions taken in their capacities as directors and officers. We believe that the provisions in our second amended and restated charter, our amended and restated bylaws, the directors' and officers' liability insurance and the indemnity agreements are necessary to attract and retain talented and experienced officers and directors.

Lock-Up Agreements

Certain Selling Securityholders of Legacy Momentus have entered into agreements (the "Lock-Up Agreements") pursuant to which they have agreed, subject to certain customary exceptions, not to (a) sell, offer to sell, contract or agree to sell, hypothecate, pledge, grant any option to purchase or otherwise dispose of or agree to dispose of, directly or indirectly, or establish or increase a put equivalent position or liquidate or decrease a call equivalent position within the meaning of Section 16 of the Exchange Act, and the rules and regulations of the SEC promulgated thereunder, any Lock-Up Shares, (b) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of any of such Lock-Up Shares, whether any such transaction is to be settled by delivery of such securities, in cash or otherwise or (c) publicly announce any intention to effect any transaction specified in clause (a) or (b) for 180 days after the Closing (or, if earlier, the date that the Class A Common Stock trades at or above \$12.00 per share for any 20 trading days in a 30 trading day period after the Closing).



PLAN OF DISTRIBUTION

The Selling Securityholders may offer and sell, from time to time, their respective shares of Class A Stock covered by this prospectus. The Selling Securityholders will act independently of us in making decisions with respect to the timing, manner and size of each sale. Such sales may be made on one or more exchanges or in the over-the-counter market or otherwise, at prices and under terms then prevailing or at prices related to the then current market price or in negotiated transactions. The Selling Securityholders may sell their securities by one or more of, or a combination of, the following methods:

- purchases by a broker-dealer as principal and resale by such broker-dealer for its own account pursuant to this prospectus;
- ordinary brokerage transactions and transactions in which the broker solicits purchasers;
- block trades in which the broker-dealer so engaged will attempt to sell the shares as agent but may position and resell a portion of the block as
 principal to facilitate the transaction;
- an over-the-counter distribution in accordance with the rules of Nasdaq;
- through trading plans entered into by a Selling Securityholder pursuant to Rule 10b5-1 under the Exchange Act that are in place at the time of an
 offering pursuant to this prospectus and any applicable prospectus supplement hereto that provide for periodic sales of their securities on the basis
 of parameters described in such trading plans;
- short sales;
- distribution to employees, members, limited partners or stockholders of the Selling Securityholders;
- through the writing or settlement of options or other hedging transaction, whether through an options exchange or otherwise;
- by pledge to secured debts and other obligations;
- delayed delivery arrangements;
- to or through underwriters or agents;
- in "at the market" offerings, as defined in Rule 415 under the Securities Act, at negotiated prices, at prices prevailing at the time of sale or at prices related to such prevailing market prices, including sales made directly on a national securities exchange or sales made through a market maker other than on an exchange or other similar offerings through sales agents;
- in privately negotiated transactions;
- in options transactions; and
- through a combination of any of the above methods of sale, as described below, or any other method permitted pursuant to applicable law.

The Selling Securityholders, which as used herein includes donees, pledgees, transferees, distributees or other successors-in-interest selling shares of our Class A common stock or interests in our Class A common stock received after the date of this prospectus from the Selling Securityholders as a gift, pledge, partnership distribution or other transfer, may, from time to time, sell, transfer, distribute or otherwise dispose of certain of their shares of Class A common stock or interests in our Class A common stock on any stock exchange, market or trading facility on which shares of our Class A common stock, as applicable, are traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale, or at negotiated prices.

In addition, any securities that qualify for sale pursuant to Rule 144 may be sold under Rule 144 rather than pursuant to this prospectus.



To the extent required, this prospectus may be amended or supplemented from time to time to describe a specific plan of distribution. In connection with distributions of the securities or otherwise, the Selling Securityholders may enter into hedging transactions with broker-dealers or other financial institutions. In connection with such transactions, broker-dealers or other financial institutions may engage in short sales of the securities in the course of hedging the positions they assume with Selling Securityholders. The Selling Securityholders may also sell the securities short and redeliver the securities to close out such short positions. The Selling Securityholders may also enter into option or other transactions with broker-dealers or other financial institutions, which require the delivery to such broker-dealer or other financial institution of securities offered by this prospectus, which securities such broker-dealer or other financial institution of amended to reflect such transaction).

A Selling Securityholder that is an entity may elect to make an in-kind distribution of Class A common stock to its members, partners or shareholders pursuant to the registration statement of which this prospectus is a part by delivering a prospectus. To the extent that such members, partners or shareholders are not affiliates of ours, such members, partners or shareholders would thereby receive freely tradable shares of Class A common stock pursuant to the distribution through a registration statement.

The Selling Securityholders may also pledge securities to a broker-dealer or other financial institution, and, upon a default, such broker-dealer or other financial institution, may effect sales of the pledged securities pursuant to this prospectus (as supplemented or amended to reflect such transaction).

A Selling Securityholder may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by any Selling Securityholder or borrowed from any Selling Securityholder or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from any Selling Securityholder in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and will be identified in the applicable prospectus supplement (or a post-effective amendment). In addition, any Selling Securityholder may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

In effecting sales, broker-dealers or agents engaged by the Selling Securityholders may arrange for other broker-dealers to participate. Broker-dealers or agents may receive commissions, discounts or concessions from the Selling Securityholders in amounts to be negotiated immediately prior to the sale.

In offering the securities covered by this prospectus, the Selling Securityholders and any broker-dealers who execute sales for the Selling Securityholders may be deemed to be "underwriters" within the meaning of the Securities Act in connection with such sales. Any profits realized by the Selling Securityholders and the compensation of any broker-dealer may be deemed to be underwriting discounts and commissions.

In order to comply with the securities laws of certain states, if applicable, the securities must be sold in such jurisdictions only through registered or licensed brokers or dealers. In addition, in certain states the securities may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

We have advised the Selling Securityholders that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of securities in the market and to the activities of the Selling Securityholders and their affiliates. In addition, we will make copies of this prospectus available to the Selling Securityholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The Selling Securityholders may indemnify any broker-dealer that participates in transactions involving the sale of the securities against certain liabilities, including liabilities arising under the Securities Act.

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At the time a particular offer of securities is made, if required, a prospectus supplement will be distributed that will set forth the number of securities being offered and the terms of the offering, including the name of any underwriter, dealer or agent, the purchase price paid by any underwriter, any discount, commission and other item constituting compensation, any discount, commission or concession allowed or reallowed or paid to any dealer, and the proposed selling price to the public.

Certain agents, underwriters and dealers, and their associates and affiliates, may be customers of, have borrowing relationships with, engage in other transactions with, or perform services, including investment banking services, for us or one or more of our respective affiliates and/or the Selling Securityholders or one or more of its respective affiliates in the ordinary course of business for which they receive compensation.

LEGAL MATTERS

The validity of the shares of Class A common stock which are being offered under the Registration Statement of which this prospectus forms a part will be passed upon for the Company by Orrick, Herrington & Sutcliffe LLP.

EXPERTS

The financial statements of Momentus Inc. as of and for the years ended December 31, 2020 and 2019, which are incorporated by reference into this prospectus, have been audited by Armanino LLP, an independent registered public accounting firm, as stated in their report, which appears in the prospectus filed with the Commission on September 15, 2021, and which report is incorporated by reference herein. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

The financial statements of Stable Road Acquisition Corp. as of December 31, 2020 and 2019, and for the year ended December 31, 2020 and for the period from May 28, 2019 (inception) to December 31, 2019, which are incorporated by reference into this prospectus, have been audited by WithumSmith+Brown, PC, an independent registered public accounting firm, as stated in their report, which appears in the prospectus filed with the Commission on September 15, 2021, and which report is incorporated by reference herein. Such financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We are required to file annual, quarterly and current reports, proxy statements and other information with the SEC as required by the Exchange Act. You can read our SEC filings, including this prospectus, over the Internet at the SEC's website at www.sec.gov.

Our website address is *www.momentus.space*. Through our website, we make available, free of charge, the following documents as soon as reasonably practicable after they are electronically filed with, or furnished to, the SEC, including our Annual Reports on Form 10-K; our proxy statements for our annual and special stockholder meetings; our Quarterly Reports on Form 10-Q; our Current Reports on Form 8-K; Forms 3, 4, and 5 and Schedules 13D with respect to our securities filed on behalf of our directors and our executive officers; and amendments to those documents. The information contained on, or that may be accessed through, our website is not a part of, and is not incorporated into, this prospectus.

We incorporate information into this prospectus by reference, which means that we disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus, except to the extent superseded by information contained in this prospectus or by information contained in documents filed with the SEC after the date of this prospectus. This prospectus incorporates by reference the documents set forth below that have been previously filed with the SEC; provided, however, that, except as noted below, we are not incorporating any documents or information deemed to have been furnished rather than filed in accordance with the rules of the SEC. These documents contain important information about us and our financial condition.

• Our prospectus filed with the SEC on September 15, 2021, pursuant to Rule 424(b) under the Securities Act, relating to the Registration Statement on Form S-1, as amended, which contains audited consolidated financial statements for our latest fiscal year for which such statements have been filed;



- Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2021 and June 30, 2021 filed with the SEC on June 10, 2021 and August <u>11, 2021</u>, respectively;
- our Current Reports on Form 8-K filed January 4, 2021, January 25, 2021, March 25, 2021, April 7, 2021, April 8, 2021, May 6, 2021, May 11, 2021, May 13, 2021, May 24, 2021, June 3, 2021, June 9, 2021, June 10, 2021, June 29, 2021, July 14, 2021, July 16, 2021, August 5, 2021, August 6, 2021, August 11, 2021, August 18, 2021 and October 4, 2021 and on Form 8-K/A filed August 18, 2021 (excluding "furnished" and not "filed" information); and
- the description of our Class A common stock contained in our Registration Statement on <u>Form 8-A</u>, as filed with the SEC on November 6, 2019, including any amendment or report filed for the purpose of updating such description.

All documents subsequently filed by us with the SEC pursuant to Sections 13(a), 13(c), 14, or 15(d) of the Exchange Act, prior to the filing of a posteffective amendment to the registration statement of which this prospectus forms a part which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed incorporated by reference into this prospectus and to be a part hereof from the date of the filing of such documents, except that information furnished to the SEC under Item 2.02 or Item 7.01 in Current Reports on Form 8-K and any exhibit relating to such information, shall not be deemed to be incorporated by reference in this prospectus.

For purposes of this prospectus, any statement contained in a document incorporated, or deemed to be incorporated, by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We will provide without charge upon written or oral request to each person, including any beneficial owner, to whom a prospectus is delivered, a copy of any and all of the documents which are incorporated by reference in this prospectus but not delivered with this prospectus (other than exhibits unless such exhibits are specifically incorporated by reference in such documents). You may request a copy of these documents by writing or telephoning us at:

Momentus Inc. 3901 N. First Street San Jose, California 95134 (650) 564-7820



250,712 Shares of Class A Common Stock

REOFFER PROSPECTUS

October 18, 2021



PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed by the Registrant with the Commission pursuant to the Securities Exchange Act of 1934, as amended (the "Exchange Act"), are incorporated herein by reference:

- Our Prospectus filed with the SEC on September 15, 2021, pursuant to Rule 424(b) under the Securities Act, relating to the Registration Statement on Form S-1, as amended, which contains audited consolidated financial statements for our latest fiscal year for which such statements have been filed;
- Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2021 and June 30, 2021 filed with the SEC on June 10, 2021 and August <u>11, 2021</u>, respectively;
- our Current Reports on Form 8-K filed January 4, 2021, January 25, 2021, March 25, 2021, April 7, 2021, April 8, 2021, May 6, 2021, May 11, 2021, May 13, 2021, May 24, 2021, June 3, 2021, June 9, 2021, June 10, 2021, June 29, 2021, July 14, 2021, July 16, 2021, August 5, 2021, August 6, 2021, August 11, 2021, August 18, 2021 and October 4, 2021 and on Form 8-K/A filed August 18, 2021 (excluding "furnished" and not "filed" information); and
- the description of our Class A common stock contained in our Registration Statement on <u>Form 8-A</u>, as filed with the SEC on November 6, 2019, including any amendment or report filed for the purpose of updating such description.

All documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act, prior to the filing of a posteffective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be a part hereof from the date of the filing of such documents, except as to specific sections of such statements as set forth therein.

Unless expressly incorporated into this Registration Statement, a report furnished on Form 8-K prior or subsequent to the date hereof shall not be incorporated by reference into this Registration Statement, except as to specific sections of such statements as set forth therein. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

The validity of the issuance of the shares of Class A common stock is being passed upon for the Registrant by Orrick, Herrington & Sutcliffe LLP. A copy of this opinion is attached as Exhibit 5.1 to this Registration Statement.

Item 6. Indemnification of Directors and Officers.

Section 145 of the Delaware General Corporation Law (the "DGCL") provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any threatened, pending or completed actions, suits or proceedings in which such person is made a party by reason of such person being or having been a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise. The DGCL provides that Section 145 is not exclusive of other rights to which those seeking indemnification may be entitled under any bylaws, agreement, vote of stockholders or disinterested directors or otherwise. The Registrant's Second Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws provide for indemnification by the Registrant of its directors and officers to the fullest extent permitted by the DGCL.



Section 102(b)(7) of the DGCL permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (1) for any breach of the director's duty of loyalty to the corporation or its stockholders, (2) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (3) for unlawful payments of dividends or unlawful stock repurchases, redemptions or other distributions or (4) for any transaction from which the director derived an improper personal benefit. The Registrant's Second Amended and Restated Certificate of Incorporation provides for such limitation of liability to the fullest extent permitted by the DGCL.

The registrant has entered into, and expects to continue to enter into, indemnification agreements with each of its directors and executive officers. These agreements provide that the registrant will indemnify each of its directors and such officers to the fullest extent permitted by law.

Any underwriting agreement or distribution agreement that the Registrant enters into with any underwriters or agents involved in the offering or sale of any securities registered hereby may require such underwriters or dealers to indemnify the Registrant, some or all of its directors and officers and its controlling persons, if any, for specified liabilities, which may include liabilities under the Securities Act.

The Registrant also maintains standard policies of insurance under which coverage is provided to its directors and officers against loss arising from claims made by reason of breach of duty or other wrongful act, while acting in their capacity as directors and officers of the Registrant.

See also the undertakings set out in response to Item 9 hereof.

Item 7. Exemption from Registration Claimed.

The shares being reoffered and resold pursuant to the Reoffer Prospectus were deemed to be exempt from registration under the Securities Act in reliance on Section 4(a)(2) of the Securities Act and/or Rule 701 promulgated thereunder, as transactions by an issuer not involving a public offering or pursuant to a written compensatory benefit plan.

Item 8. Exhibits

		Incorporated by Reference				
Exhibit Number	Exhibit Title	Form	File No.	Exhibit	Date	Filed Herewith
5.1	Opinion and Consent of Orrick, Herrington & Sutcliffe LLP.					Х
23.1	<u>Consent of WithumSmith+Brown, PC, independent registered</u> <u>public accounting firm of Stable Road Acquisition Corp.</u>					Х
23.2	Consent of Armanino LLP, independent registered public accounting firm.					Х
23.3	Consent of Orrick, Herrington & Sutcliffe LLP (filed as part of Exhibit 5.1).					Х
24.1	Power of Attorney (filed as part of signature page hereto).					Х
99.1	Momentus Inc. 2021 Equity Incentive Plan	8-K	001-39128	10.5	August 18, 2021	
99.2	Momentus Inc. 2021 Employee Stock Purchase Plan	8-K	001-39128	10.8	August 18, 2021	
99.3	Momentus Inc. Amended and Restated 2018 Stock Plan and forms of award agreement thereunder.	S-4/A	333-249787	10.11	July 21, 2021	
99.4	<u>Space Apprentices Enterprise Inc. 2018 Stock Plan and forms</u> of award agreements thereunder.	S-4/A	333-249787	10.10	July 21, 2021	



Item 9. Undertakings.

- a. The undersigned Registrant hereby undertakes:
 - (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
 - (iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

Provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) above do not apply if the information required to be included in a post-effective amendment by such paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- b. The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- c. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered hereby, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Jose, State of California, on October 18, 2021.

Momentus Inc.

By:	/s/ John C. Rood
Name:	John C. Rood
Title:	Chief Executive Officer and Chairperson of the
	of Directors

Board

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that the undersigned officers and directors of Momentus Inc., a Delaware corporation, do hereby constitute and appoint John C. Rood and Jikun Kim, and each of them, the lawful attorneys-in-fact and agents with full power and authority to do any and all acts and things and to execute any and all instruments which said attorneys and agents, and any one of them, determine may be necessary or advisable or required to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules or regulations or requirements of the Securities and Exchange Commission in connection with this Registration Statement. Without limiting the generality of the foregoing power and authority, the powers granted include the power and authority to sign the names of the undersigned officers and directors in the capacities indicated below to this Registration Statement, to any and all amendments, both pre-effective and post-effective, and supplements to this Registration Statement, and to any and all instruments or documents filed as part of or in conjunction with this Registration Statement or amendments or supplements thereof, and each of the undersigned hereby ratifies and confirms that all said attorneys and agents, or any one of them, shall do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons on behalf of the Registrant in the capacities and on the dates indicated.

Signature	Title	Date
/s/ John C. Rood John C. Rood	Chief Executive Officer and Chairman of the Board of Directors (<i>Principal Executive Officer</i>)	October 18, 2021
/s/ Jikun Kim Jikun Kim	Chief Financial Officer (Principal Financial and Accounting Officer)	October 18, 2021
/s/ Chris Hadfield Chris Hadfield	Director	October 18, 2021
/s/ Brian Kabot Brian Kabot	Director	October 18, 2021
/s/ Mitchel Kugler Mitchel Kugler	Director	October 18, 2021
/s/ Victorino Mercado	Director	October 18, 2021
/s/ Kimberly A. Reed Kimberly A. Reed	Director	October 18, 2021
/s/ Linda J. Reiners Linda J. Reiners	Director	October 18, 2021

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Date: October 18, 2021

October 18, 2021

Momentus Inc. 3901 N. First Street San Jose, CA 95134 Re: Registration Statement on Form S-8

Ladies and Gentlemen:



Orrick, Herrington & Sutcliffe LLP THE ORRICK BUILDING 405 HOWARD STREET SAN FRANCISCO, CA 94105-2669 +1-415-773-5700 orrick.com

We have acted as counsel for Momentus Inc., a Delaware corporation (the "<u>Company</u>"), in connection with the preparation and filing with the Securities and Exchange Commission (the "<u>Commission</u>") of the Company's registration statement on Form S-8 (the "<u>Registration Statement</u>"), under the Securities Act of 1933, as amended (the "<u>Securities Act</u>"), relating to the registration of an aggregate of 10,840,400 shares of the Company's Class A common stock, par value \$0.00001 per share (the "<u>Shares</u>"). The Shares include (i) 5,982,922 shares of Class A common stock reserved for issuance under the Momentus Inc. 2021 Equity Incentive Plan (the "<u>2021 Plan</u>"), (ii) 1,595,445 shares of Class A common stock reserved for issuance under the Momentus Inc. 2021 Employee Stock Purchase Plan (the "<u>ESPP</u>"), and (iii) 3,262,033 shares of Class A common stock that will be issued upon exercise of stock options (the "<u>Prior Plan Options</u>") previously granted under the Momentus Inc. Amended and Restated 2018 Stock Plan and the Space Apprentices Enterprise Inc. 2018 Stock Plan (together with the 2021 Plan and the ESPP, the "<u>Plans</u>" and such Shares in (i), (ii) and (iii), the "<u>Primary Shares</u>"). The Registration Statement also includes 250,712 shares of Class A common stock being registered for resale (the "<u>Reoffer Shares</u>"). The Reoffer Shares consist of 250,712 shares of Class A common stock subject to stock awards previously granted to certain affiliates. As your legal counsel, we have reviewed the actions proposed to be taken by you in connection with the issuance and sale of the Shares to be issued under the Plans.

In connection with this opinion, we have examined originals or copies, certified or otherwise identified to our satisfaction, of (i) the Company's Second Amended and Restated Certificate of Incorporation, (ii) the Company's Amended and Restated By-Laws, (iii) the Plans, and (iv) such corporate records, agreements, documents and other instruments, and such certificates or comparable documents of public officials and of officers and representatives of the Company, and have made such inquiries of such officers and representatives, as we have deemed relevant and necessary or appropriate as a basis for the opinion set forth below.

In our examination, we have assumed the legal capacity of all-natural persons, the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as facsimile, electronic, certified or photostatic copies, and the authenticity of the originals of such copies. In making our examination of documents executed or to be executed, we have assumed that the parties thereto, other than the Company, had or will have the power, corporate or other, to enter into and perform all obligations thereunder and have also assumed the due authorization by all requisite action, corporate or other, and the execution and delivery by such parties of such documents and the validity and binding effect thereof on such parties. As to any facts material to the opinions expressed herein that we did not independently establish or verify, we have relied upon statements and representations of officers and other representatives of the Company and others and of public officials.

Based on the foregoing and subject to the limitations, qualifications and assumptions set forth herein, we are of the opinion that (i) the Primary Shares to be issued pursuant to the terms of the Plans have been duly authorized and, when issued, delivered and paid for in accordance with the terms of the Plans, will be validly issued, fully paid and non-assessable, and (ii) the Reoffer Shares, when issued in accordance with the terms of the applicable stock awards, will be validly issued, fully paid and non-assessable.

The opinion expressed herein is limited to the corporate laws of the State of Delaware and the federal laws of the United States of America, and we express no opinion as to the effect on the matters covered by this letter of the laws of any other jurisdictions.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In giving such consent, we do not hereby admit that we are included in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ ORRICK, HERRINGTON & SUTCLIFFE LLP

ORRICK, HERRINGTON & SUTCLIFFE LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated June 10, 2021, relating to the financial statements of Stable Road Acquisition Corp. appearing in its Form 10-K/A, File No. 333-249787, and to the reference to our Firm under the caption "Experts" in the Prospectus.

/s/ WithumSmith+Brown, PC

New York, New York October 18, 2021

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our audit report dated February 23, 2021, with respect to our audit of the balance sheets of Momentus, Inc. as of December 31, 2020 and 2019, the related statements of operations, stockholders' equity (deficit), and cash flows for each of the years in the two-year period ended December 31, 2020, and the related notes to the financial statements.

We also consent to the reference to our firm under the heading "Experts" in this Registration Statement.

/s/ Armanino LLP

San Ramon, California

October 18, 2021