# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

## **SCHEDULE 13D**

Under the Securities Exchange Act of 1934 (Amendment No. 7)\*

#### MOMENTUS INC.

(Name of Issuer)

# Common Stock, par value \$0.00001 per share

(Title of Class of Securities)

#### 60879E 101

(CUSIP Number)

Taylor Frankel c/o Prime Movers Lab P.O. Box 12829 Jackson, WY 83002 307-203-5036

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communication)

## **September 13, 2023**

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §240.13d-1(e), §240.13d-1(f) or §240.13d-1(g), check the following box: [ ]

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (*Act*) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAMES OF	DEDOD'	TING PERSONS					
1	NAMES OF	KEPUK	TING PERSONS					
	Primo	Prime Movers Lab Fund I LP						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) ☑							
				(b) □				
3	SEC USE OF	NLY						
4	SOURCE OF	F FUND:	S (See Instructions)					
•		10110	s (see instructions)					
	WC							
5		DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)					
	OR 2(e)							
6		Applicab	le LACE OF ORGANIZATION					
O			LACE OF ORGANIZATION					
	Delav	vare						
		7	SOLE VOTING POWER					
			-0-					
	MBER OF	8	SHARED VOTING POWER					
	HARES EFICIALLY		122,672					
	NED BY REPORTING	9	SOLE DISPOSITIVE POWER					
	ON WITH		-0-					
		10	SHARED DISPOSITIVE POWER					
			122,672					
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	122,6	72						
	CHECK IE I		CDECATE AMOUNT IN DOWN (44) EVOLUDES CERTAIN SHADES (5					
12	12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)							
13	PERCENT C	OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)					
	6.3% <u>(</u>	(1)						
4.0			NG PEDCON (C. J.					
14	TYPE OF RI	ŁPORTII	NG PERSON (See Instructions)					
	PN							
J								

<sup>1</sup> The percentages used herein and in the rest of this Schedule 13D calculated based on the approximately 1,957,307 shares of common stock outstanding as of August 23, 2023, as reported in the Issuer's Registration Statement on Form 8-K filed with the Securities and Exchange Commission on August 22, 2023.

1	NAMES OF	REPOR'	TING PERSONS						
	Mom	Momentus PML SPV 1 LP							
2	CHECK THI	E APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵					
		(b) □							
3	SEC USE ONLY								
4	SOURCE OF	FFUND	S (See Instructions)						
	WC								
5	CHECK IF I OR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)						
	Not A	Applicab	le						
6	CITIZENSH	IP OR P	LACE OF ORGANIZATION						
	Delaw	vare							
		7	SOLE VOTING POWER						
			-0-						
NII IN	MBER OF	8	SHARED VOTING POWER						
SI	HARES		48,626						
OW	FICIALLY NED BY	9	SOLE DISPOSITIVE POWER						
	REPORTING ON WITH								
			-0-						
		10	SHARED DISPOSITIVE POWER						
			48,626						
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	-					
	48,62	6							
12	CHECK IF T Instructions)	THE AG	GREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See						
	ilisti uctions)								
13	PERCENT C	F CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)						
	2.5%								
14		тр∩ртп	NG PERSON (See Instructions)						
14		LI OKIII	TO I LIGOIT (See monucuono)						
	PN	PN							

1									
1	NAMES OF	REPOR	TING PERSONS						
	Momentus PML SPV 2 LP								
2	CHECK THI	E APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵					
	(b) □								
3	SEC USE OF	SEC USE ONLY							
4	SOURCE OF	F FUNDS	S (See Instructions)						
	WC								
5	CHECK IF I OR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)						
<b>!</b>	` ,	Applicab	lo.						
6			LACE OF ORGANIZATION						
	Delav	vare							
		7	SOLE VOTING POWER						
			-0-						
NII IN	MBER OF	8	SHARED VOTING POWER						
SI	HARES		9,580						
OW	FICIALLY NED BY	9	SOLE DISPOSITIVE POWER						
	REPORTING ON WITH	3							
			-0-						
		10	SHARED DISPOSITIVE POWER						
			9,580						
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	9,580								
12		THE AG	GREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See						
	Instructions)								
13	PERCENT C	F CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)						
	0.5%								
14		FPORTI	NG PERSON (See Instructions)						
17			10 1 EROOT (OCC IIISuucuolis)						
	PN								

CUSIP No. 60879E 101

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1	NAMES OF REPORTING PERSONS							
	Mom	entus PN	ML SPV 3 LP					
2	CHECK THI	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a)   (b) □						
3	SEC USE ON	NLY						
4	SOURCE OF	FUND	S (See Instructions)					
	WC							
5	CHECK IF DOR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)					
		Applicab						
6	CITIZENSH	IP OR P	LACE OF ORGANIZATION					
	Delaw	are						
		7	SOLE VOTING POWER					
			-0-					
	MBER OF	8	SHARED VOTING POWER					
BENE	HARES FICIALLY NED BY		23,763					
EACH I	REPORTING	9	SOLE DISPOSITIVE POWER					
PERS	ON WITH		-0-					
		10	SHARED DISPOSITIVE POWER					
			23,763					
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	23,763	23,763						
12		HE AG	GREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See					
	Instructions)							
13	PERCENT C	F CLAS	S REPRESENTED BY AMOUNT IN ROW (11)					
	1.2%							
14	TYPE OF RE	EPORTII	NG PERSON (See Instructions)					
	PN							

1	NAMES OF	NAMES OF REPORTING PERSONS						
	Prime	e Mover	s Growth Fund I LP					
2	CHECK THE	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) $\boxtimes$ (b) $\square$						
				(0) 🗆				
3	SEC USE Of	NLY						
4	SOURCE OF	F FUND	S (See Instructions)					
	WC							
5	CHECK IF DOR 2(e)	DISCLO	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)					
		۸ ۱۰ l.	1-					
6		Applicab IP OR P	LACE OF ORGANIZATION					
	Delaw	.zoro						
	Delaw	vare						
		7	SOLE VOTING POWER					
			-0-					
		8	SHARED VOTING POWER					
	MBER OF HARES		20.466(2)					
	EFICIALLY NED BY		29,466 <u>(2)</u>					
EACH I	REPORTING	9	SOLE DISPOSITIVE POWER					
PERS	SON WITH		-0-					
		10	SHARED DISPOSITIVE POWER					
			29,466 <u>(2)</u>					
44	A CODECAG							
11	AGGREGAI	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	29,460	6 <u>(2)</u>						
12	2 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See							
	Instructions)							
13	PERCENT C	OF CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)					
		CD/IC						
	1.5%							
14	TYPE OF RE	EPORTI	NG PERSON (See Instructions)					
	PN							
	1							

<sup>2</sup> Includes (i) 9,466 shares held by Prime Movers Growth Fund I LP ("PM Growth"), and (ii) a warrant to purchase 20,000 shares that is exercisable within 60 days of September 18, 2023.

1	NAMES OF	DEDOD'	TINC DEDCOME					
1	NAMES OF	NAMES OF REPORTING PERSONS						
	Prime	Prime Movers Lab GP I LLC						
2	CHECK THI	E APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) 🗵				
				(b) □				
3	SEC USE Of	NLY						
4	SOURCE OF	FUND	S (See Instructions)					
	AF							
5	CHECK IF I OR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)					
	` ,	\1:h	1_					
6		Applicab IP OR P	LACE OF ORGANIZATION					
	Delaw	vare						
		7	SOLE VOTING POWER					
		,						
I			-0-					
NUN	MBER OF	8	SHARED VOTING POWER					
	HARES CFICIALLY		171,298 <u>(3)</u>					
	NED BY REPORTING	9	SOLE DISPOSITIVE POWER					
	ON WITH		-0-					
		10	SHARED DISPOSITIVE POWER					
		10						
			171,298 <u>(3)</u>					
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	171,2	98 <u>(3)</u>						
12	2 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See							
	Instructions)							
13	PERCENT C	F CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)					
	8.8%							
_								
14	TYPE OF RI	EPORTII	NG PERSON (See Instructions)					
	00	00						

<sup>3</sup> Includes (i) 122,672 shares held by Prime Movers Lab Fund I LP ("PML"), and (ii) 48,626 shares held of record by Momentus PML SPV 1 LP ("PML SPV 1"), Prime Movers Lab GP I LLC ("PML GP"), is the general partner of PML and PML SPV 1. Dakin Sloss is the manager of PML GP and may be deemed to have or share beneficial ownership of the shares held by PML and PML SPV 1.

1	NAMES OF REPORTING PERSONS							
1	NAMES OF	NAMES OF REPORTING PERSONS						
	Prime	Prime Movers Lab GP II LLC						
2	CHECK THI	E APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠				
				(b) 🗆				
3	SEC USE Of	NLY						
4	SOURCE OF	FUND	S (See Instructions)					
	AF							
5	CHECK IF I OR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)					
	` ,							
6		Applicab IP OR P	le LACE OF ORGANIZATION					
	Delaw	zare						
	Belav							
		7	SOLE VOTING POWER					
			-0-					
NUN	MBER OF	8	SHARED VOTING POWER					
	HARES EFICIALLY		33,343 <u>(4)</u>					
OW	NED BY REPORTING	9	SOLE DISPOSITIVE POWER					
	ON WITH		-0-					
		40						
		10	SHARED DISPOSITIVE POWER					
			33,343 <u>(4)</u>					
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	33,34	3 <u>(4)</u>						
12		THE AG	GREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See					
12	Instructions)							
13	DEDCENT C	DE CLAS	SS REPRESENTED BY AMOUNT IN ROW (11)					
13		T CLAS	OU NEI NEUENTED DT AMOUNT IN NOW (II)					
	1.7%							
14	TYPE OF RE	EPORTII	NG PERSON (See Instructions)					
	00	00						

<sup>4</sup> Includes (i) 9,580 shares held of record by Momentus PML SPV 2 LP ("PML SPV 2") and (ii) 23,763 shares held of record by Momentus PML SPV3 LP ("PML SPV 3"). Prime Movers Lab GP II LLC ("PML GP II") is the general partner of PML SPV 2 and PML SPV 3. Dakin Sloss is the manager of PML GP II and may be deemed to have or share beneficial ownership of the shares held by PML SPV 2 and PML SPV 3.

1	NAMES OF	REPOR	TING PERSONS						
	Prime	Prime Movers Growth GP I LLC							
2	CHECK THI	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) $\square$ (b) $\square$							
3	SEC USE Of	SEC USE ONLY							
4	SOURCE OF	FUND	S (See Instructions)						
	AF								
5	CHECK IF I OR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)						
	Not A	Applicab	le						
6	CITIZENSH	IP OR P	LACE OF ORGANIZATION						
	Delaw	vare							
		7	SOLE VOTING POWER						
n.			-0-						
NUN	MBER OF	8	SHARED VOTING POWER						
BENE	HARES FICIALLY		29,466 <u>(5)</u>						
	NED BY REPORTING	9	SOLE DISPOSITIVE POWER						
PERS	ON WITH		-0-						
		10	SHARED DISPOSITIVE POWER						
			29,466 <u>(5)</u>						
			25,400 <u>(3)</u>						
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
	29,46	6 <u>(5)</u>							
12	CHECK IF T Instructions)	THE AG	GREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See						
	mstructions								
13	PERCENT C	F CLAS	S REPRESENTED BY AMOUNT IN ROW (11)						
	1.5%								
14	TYPE OF RI	EPORTII	NG PERSON (See Instructions)						
	00	00							

<sup>5</sup> Includes (i) 9,466 shares held by Prime Movers Growth Fund I LP ("PM Growth") and (ii) a warrant to purchase 20,000 shares that is exercisable within 60 days of September 18, 2023. Prime Movers Growth GP I LLC ("PM Growth GP"), is the general partner of PM Growth. Dakin Sloss is the manager of PM Growth GP and may be deemed to have or share beneficial ownership of the shares held by PM Growth.

1	NAMES OF	DEDOD	FINIC DEDCOMO					
1	NAMES OF	REPUK	TING PERSONS					
	Dakiı	Dakin Sloss						
2	CHECK THE	E APPRO	OPRIATE BOX IF A MEMBER OF A GROUP	(a) ⊠				
				(b) □				
3	SEC USE OF	NLY						
4	SOURCE OF	FUNDS	S (See Instructions)					
	AF							
5	CHECK IF D OR 2(e)	DISCLOS	SURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)					
		Applicab						
6	CITIZENSH	IP OR P	LACE OF ORGANIZATION					
	United	d States						
		7	SOLE VOTING POWER					
			-0-					
NUN	MBER OF	8	SHARED VOTING POWER					
SF	HARES EFICIALLY		234,107 <u>(6)</u>					
OW	NED BY	9	SOLE DISPOSITIVE POWER					
	REPORTING SON WITH	J	-0-					
		10	SHARED DISPOSITIVE POWER					
			234,107 <u>(6)</u>					
11	AGGREGAT	E AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	234,10	07 <u>(6)</u>						
12		THE AG	GREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See					
	Instructions)							
13	PERCENT C	F CLAS	S REPRESENTED BY AMOUNT IN ROW (11)					
	12.0%	, D						
14	TYPE OF DI	TPQPTI	NG PERSON (See Instructions)					
14			10 1 EROOM (OCC Histractions)					
	IN	IN						

<sup>6</sup> Includes (i) 122,672 shares held by Prime Movers Lab Fund I LP ("PML"), (ii) 48,626 shares held of record by Momentus PML SPV 1 LP ("PML SPV 1"), (iii) 9,580 shares held of record by Momentus PML SPV 2 LP ("PML SPV 2"), (iv) 23,763 shares held of record by Momentus PML SPV3 LP ("PML SPV 3"), (v) 9,466 shares held by Prime Movers Growth Fund I LP ("PM Growth"), and (vi) a warrant to purchase 20,000 shares that is exercisable within 60 days of September 18, 2023. Prime Movers Lab GP I LLC ("PML GP") is the general partner of PML and PML SPV 1. Prime Movers Lab GP II LLC ("PML GP II") is the general partner of PML SPV 2 and PML SPV 3. Prime Movers Growth GP I LLC ("PM Growth GP") is the general partner of PM Growth. Dakin Sloss is the manager of PML GP, PML GP II and PM Growth GP and may be deemed to have or share beneficial ownership of the shares held by PML, PML SPV 1, PML SPV 2, PML SPV 3 and PM Growth.

# **EXPLANATORY NOTE**

This Amendment No. 7 (this "Amendment No. 7") to the Statement on Schedule 13D (as amended, the "Statement") is being filed with the Securities and Exchange Commission (the "Commission") relating to the common stock, par value \$.00001 per share of Momentus Inc., a corporation organized under the laws of the state of Delaware (the "Issuer"). This Amendment amends and supplements the Statement originally filed on October 8, 2021 with the Commission. Unless otherwise defined herein, capitalized terms used herein shall have the meanings ascribed thereto in the Statement. Except as otherwise provided herein, each Item of the Schedule 13D remains unchanged.

## **SIGNATURES**

After reasonable inquiry and to the best of its knowledge and belief, the undersigned hereby certify that the information set forth in this statement is true, complete and correct.

Date: September 18, 2023

# PRIME MOVERS LAB FUND I LP MOMENTUS PML SPV 1 LP

By: Prime Movers Lab GP I LLC, General Partner

By: /s/ Taylor Frankel
Name: Taylor Frankel

Title: Authorized Person

# PRIME MOVERS LAB GP I LLC

By: /s/ Taylor Frankel

Name: Taylor Frankel Title: Authorized Person

MOMENTUS PML SPV 2 LP MOMENTUS PML SPV 3 LP

By: Prime Movers Lab GP II LLC, General Partner

By: /s/ Taylor Frankel

Name: Taylor Frankel Title: Authorized Person

# PRIME MOVERS LAB GP II LLC

By: /s/ Taylor Frankel

Name: Taylor Frankel
Title: Authorized Person

#### PRIME MOVERS GROWTH FUND I

LP

By: Prime Movers Growth GP I LLC, General Partner

By: /s/ Taylor Frankel

Name: Taylor Frankel
Title: Authorized Person

# PRIME MOVERS GROWTH GP I LLC

By: /s/ Taylor Frankel
Name: Taylor Frankel
Title: Authorized Person

#### **DAKIN SLOSS**

/s/ Dakin Sloss

#### JOINT FILING AGREEMENT

PURSUANT TO RULE 13D-1(K)(1)

The undersigned acknowledge and agree that the Statement on Schedule 13D filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the Common Stock, par value \$0.00001 per share, of Momentus Inc., a Delaware corporation, is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13D shall be filed on behalf of each of the undersigned that is named as a reporting person in such filing without the necessity of filing an additional joint filing agreement. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that it knows or has reason to believe that such information is inaccurate. This joint filing agreement may be executed in any number of counterparts and all of such counterparts taken together shall constitute one and the same instrument.

Dated: September 18, 2023

## PRIME MOVERS LAB FUND I LP MOMENTUS PML SPV 1 LP

By: Prime Movers Lab GP I LLC, General Partner

By: /s/ Taylor Frankel
Name: Taylor Frankel
Title: Authorized Person

#### PRIME MOVERS LAB GP I LLC

By: /s/ Taylor Frankel
Name: Taylor Frankel

Title: Authorized Person

MOMENTUS PML SPV 2 LP MOMENTUS PML SPV 3 LP

By: Prime Movers Lab GP II LLC, General Partner

By: /s/ Taylor Frankel

Name: Taylor Frankel Title: Authorized Person

### PRIME MOVERS LAB GP II LLC

By: /s/ Taylor Frankel

Name: Taylor Frankel
Title: Authorized Person

#### PRIME MOVERS GROWTH FUND I

LP

By: Prime Movers Growth GP I LLC, General Partner

By: /s/ Taylor Frankel

Name: Taylor Frankel
Title: Authorized Person

# PRIME MOVERS GROWTH GP I LLC

By: /s/ Taylor Frankel

Name: Taylor Frankel
Title: Authorized Person