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

Post-Effective Amendment No. 1 FORM S-8 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

Titan Medical Inc.

(Exact name of registrant as specified in its charter)

Ontario, Canada

(State or other jurisdiction
of incorporation)

Ontario, Canada

(IRS Employer
Identification No.)

76 Berkeley Street Toronto, Ontario, M5A 2W7 Canada

(Address and telephone number of Registrant's principal executive offices)

TITAN MEDICAL INC. STOCK OPTION PLAN (AMENDED AND RESTATED EFFECTIVE AS OF OCTOBER 20, 2020)
TITAN MEDICAL INC. DEFERRED SHARE UNIT PLAN
TITAN MEDICAL INC. SHARE UNIT PLAN

(Full Title of plan)

C T Corporation System
1015 15th Street N.W., Suite 1000
Washington, DC 20005
(Name and address of agent for service)

(202) 572-3100

(Telephone number, including area code, of agent for service)

Copies to:

Dorsey & Whitney LLP
James Guttman
Richard Raymer
TD Canada Trust Tower
Brookfield Place
161 Bay Street, Suite 4310
Toronto, Ontario, Canada M5J 2S1
(416) 367-7376

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

Act.:			
Large accelerated filer		Accelerated filer	
Non-accelerated filer	\boxtimes	Smaller reporting company	
		Emerging growth company	\boxtimes
	y, indicate by check mark if the registrant has pursuant to Section 7(a)(2)(B) of the Securities	elected not to use the extended transition period for complying with any new or revised as Act. $\ \Box$	financial

EXPLANATORY NOTE REGARDING DEREGISTRATION

This post-effective amendment relates to Registration Statement No. 333-255497 filed April 26, 2021 (the "Registration Statement") by Titan Medical Inc. (the "Registrant") with the Securities and Exchange Commission (the "SEC") pertaining to the offering by the Registrant of 4,781,515 common shares of the Registrant (the "Shares"), pursuant to (i) the exercise of options under the Titan Medical Inc. Stock Option Plan, as amended and restated effective as of October 20, 2020, (ii) the exercise or settlement of awards granted under the Titan Medical Inc. Deferred Share Unit Plan effective as of May 29, 2019, and (iii) the exercise or settlement of awards granted under the Titan Medical Inc. Share Unit Plan, as amended as of February 16, 2021.

On April 3, 2023, the Registrant filed a Form 25 to report the delisting of the Shares from the NASDAQ stock exchange and to deregister the Shares under Section 12(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The Registrant intends to file a Form 15 with the SEC, requesting suspension of reporting obligations under Section 13 and 15(d) of the Exchange Act, approximately 10 calendar days from the date hereof.

In connection with the foregoing, the Registrant has terminated any and all offerings of its securities pursuant to the Registration Statement. In accordance with an

Registration Statement as at the date hereof.	
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	SIGNATURES
	ct of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on we Amendment No. 1 to the Registration Statement on Form S-8 to be signed on its behalf by the undersigned, thereunto duly untry of United States on April 3, 2023.
	TITAN MEDICAL INC.
	By: /s/ Cary G. Vance
	Name: Cary G. Vance Title: President, Chief Executive Officer
Pursuant to the requirements of the Securities Ac capacities indicated, on the 3rd day of April, 202	et of 1933, this Post-Effective Amendment No. 1 to the Registration Statement has been signed by the following persons in the 3.
Signature	Title
/s/ Cary G. Vance Cary G. Vance	President, Chief Executive Officer
/s/ Stephen Lemieux Stephen Lemieux	Chief Financial Officer
/s/ Paul Cataford	Board Chair
Paul Cataford	
/s/ Anthony J. Giovinazzo Anthony J. Giovinazzo	Director
•	Director
/s/ Cathy Steiner Cathy Steiner	Director
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	AUTHORIZED REPRESENTATIVE

TITAN MEDICAL INC.

By: /s/ Cary G. Vance
Name: CARY G. VANCE
Title: President, Chief Executive Officer