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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of July 2023

Commission File Number: 001-35165

BRAINSWAY LTD.

(Translation of registrant's name into English)

19 Hartum Street Bynet Building, 3rd Floor Har HaHotzvim Jerusalem, 9777518, Israel

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F [X] Form 40-F []

This Form 6-K is incorporated by reference into the Company's Registration Statement on Form S-8 filed with the Securities and Exchange Commission on April 22, 2019 (Registration No. 333-230979) and the Company's Registration Statement on Form F-3 filed with the Securities and Exchange Commission on September 17, 2021 (Registration No. 333-259610).

EXHIBIT INDEX

Exhibit Number Description

99.1 BrainsWay Accelerates International Expansion in India

SIGNATURES

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, thereunto duly authorized.

BRAINSWAY LTD. (Registrant)

Date: July 11, 2023

/s/ Hadar Levy Hadar Levy Chief Executive Officer

BrainsWay Accelerates International Expansion in India

Multisystem Purchases by Asha Neuromodulation Clinics (ANC) Allow for Increased Access to Deep TMSTM

BURLINGTON, Mass. and JERUSALEM, July 11, 2023 (GLOBE NEWSWIRE) -- BrainsWay Ltd. (NASDAQ & TASE: BWAY) ("BrainsWay" or the "Company"), a global leader in advanced noninvasive neurostimulation treatments for mental health disorders, today announced the expanded market penetration of its Deep Transcranial Magnetic Stimulation (Deep TMSTM) technology in India. After the most recent in a series of successive multisystem orders, Asha Neuromodulation Clinics (ANC) and its affiliates will own 25 Deep TMS systems, substantially increasing access to BrainsWay's patented technology for mental health patients suffering from a range of conditions including depression, obsessive-compulsive disorder (OCD), and smoking addiction.

"We are pleased that our unique form of therapy is gaining real traction in India," said Hadar Levy, Chief Executive Officer of BrainsWay. "This is further proof of BrainsWay's strategic commitment to expanding its international footprint, and allows us the ability to make a true difference in the lives of patients in the world's most populous country. We are proud to partner with the ANC team in making this shared vision a reality."

"At ANC, we understand the challenges of leading a fast-paced life and the need for better outcomes in mental health care delivery," said Dr. M.S. Reddy, Director of ANC. "That is why we are working with BrainsWay to offer the most advanced therapeutic solution available in the industry throughout the country, including at our new flagship clinic in Gachibowli, as well as at Asha Hospitals in Hyderabad, Bengaluru, Vizag, Mysuru, Vijayawada, Guntur, Chandigarh, and New Delhi."

About BrainsWay

BrainsWay is a global leader in advanced noninvasive neurostimulation treatments for mental health disorders. The Company is boldly advancing neuroscience with its proprietary Deep Transcranial Magnetic Stimulation (Deep TMSTM) platform technology to improve health and transform lives. BrainsWay is the first and only TMS company to obtain three FDA-cleared indications backed by pivotal clinical studies demonstrating clinically proven efficacy. Current indications include major depressive disorder (including reduction of anxiety symptoms, commonly referred to as anxious depression), obsessive-compulsive disorder, and smoking addiction. The Company is dedicated to leading through superior science and building on its unparalleled body of clinical evidence. Additional clinical trials of Deep TMS in various psychiatric, neurological, and addiction disorders are underway. Founded in 2003, with offices in Burlington, MA and Jerusalem, Israel, BrainsWay is committed to increasing global awareness of and broad access to Deep TMS. For the latest news and information about BrainsWay, please visit www.brainsway.com.

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements may be preceded by the words "intends," "may," "will," "plans," "expects," "anticipates," "projects," "predicts," "estimates," "aims," "believes," "hopes," "potential" or similar words. These forward-looking statements and their implications are based on the current expectations of the management of the Company only and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. In addition, historical results or conclusions from scientific research and clinical studies do not guarantee that future results would suggest similar conclusions or that historical results referred to herein would be interpreted similarly in light of additional research or otherwise. The commercial events described herein may not necessarily correlate with financial results within any time periods expressly or implicitly attributed to such events. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: inadequacy of financial resources to meet future capital requirements; changes in technology and market requirements; delays or obstacles in launching and/or successfully completing planned studies and clinical trials; failure to obtain approvals by regulatory agencies on the Company's anticipated timeframe, or at all; inability to retain or attract key employees whose knowledge is essential to the development of Deep TMS products; unforeseen difficulties with Deep TMS products and processes, and/or inability to develop necessary enhancements; unexpected costs related to Deep TMS products; failure to obtain and maintain adequate protection of the Company's intellectual property, including intellectual property licensed to the Company; the potential for product liability; changes in legislation and applicable rules and regulations; unfavorable market perception and acceptance of Deep TMS technology; inadequate or delays in reimbursement from third-party payers, including insurance companies and Medicare; inability to commercialize Deep TMS, including internationally, by the Company or through third-party distributors; product development by competitors; inability to timely develop and introduce new

technologies, products and applications, which could cause the actual results or performance of the Company to differ materially from those contemplated in such forward-looking statements.

Any forward-looking statement in this press release speaks only as of the date of this press release. The Company undertakes no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by any applicable securities laws. More detailed information about the risks and uncertainties affecting the Company is contained under the heading "Risk Factors" in the Company's filings with the U.S. Securities and Exchange Commission.

Contacts:

BrainsWay: Ido Marom Chief Financial Officer 844-386-7001 ext. 5 Ido.Marom@BrainsWay.com

Investors:
Brian Ritchie
LifeSci Advisors
646-889-1200
britchie@lifesciadvisors.com

Media Contact: Chris Boyer 978-677-1777 chris.boyer@brainsway.com