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

FORM 20-F/A (Amendment No. 1)

□ REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934 OR ☑ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the fiscal year ended December 31, 2020 OR ☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 OR For the transition period from \_\_\_\_\_ to \_\_\_\_ ☐ SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 Date of event requiring this shell company report Commission file number 001-35165 BrainsWay Ltd. (Exact name of Registrant as specified in its charter) (Translation of Registrant's name into English) Israel (Jurisdiction of incorporation or organization) 19 Hartum Street, Bynet Building, 3rd Floor, Har HaHotzvim, Jerusalem, 9777518, Israel (Address of principal executive offices) R. Scott Areglado, Senior Vice President and Chief Financial Officer 300 Knickerbocker Road, Cresskill, New Jersey, 07626 Tel: +1-844-386-7001 (Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person) Securities registered or to be registered pursuant to Section 12(b) of the Act. Title of class Trading Symbol(s) Name of each exchange on which registered American Depositary Shares, each representing two **BWAY** NASDAQ Global Market **Ordinary Shares (1) BWAY** Ordinary Shares, par value NIS 0.04 per share Tel Aviv Stock Exchange (1) Evidenced by American Depositary Receipts. Securities registered or to be registered pursuant to Section 12(g) of the Act: None (Title of Class) Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: None (Title of Class)

| Indicate the number of outstanding shares of each of the iby the annual report: 22,250,534 Ordinary Shares.   | issuer's classes of capital or commo   | on stock as of the close of the period covered       |
|---|--|--|
| Indicate by check mark if the registrant is a wel   | ll-known seasoned issuer, as define  | d in Rule 405 of the Securities Act.                 |
|   | Yes □ No ⊠   |  |
| If this report is an annual or transition report, indicate by $$13\ or\ 15(d)$$ of  | y check mark if the registrant is not<br>f the Securities Exchange Act 1934. |  |
|   | Yes □ No ⊠   |  |
| Indicate by check mark whether the registrant (1) has<br>Exchange Act of 1934 during the preceding 12 months (0<br>and (2) has been subject t   |  | registrant was required to file such reports),       |
|   | Yes ⊠ No □   |  |
| Indicate by check mark whether the registrant has su<br>pursuant to Rule 405 of Regulation S-T (§232.405 of this<br>registrant w  |  |  |
|   | Yes ⊠ No □   |  |
| Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or an emerging growth company. See definition of "large accelerated filer," accelerated filer," and "emerging growth company" in Rule 12b-2 of the Exchange Act.                                       |  |  |
| Large Accelerated filer □   | Accelerated filer □  | Non-accelerated filer ⊠<br>Emerging growth company ⊠ |
| If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards† provided pursuant to Section 13(a) of the Exchange Act. □ |  |  |
| Indicate by check mark whether the registrant has filed a of its internal control over financial reporting under Se public accounting firm  |  | Act (15 U.S.C. 7262(b)) by the registered            |
| Indicate by check mark which basis of accounting the  | registrant has used to prepare the f   | inancial statements included in this filing:         |
|   | U.S. GAAP □  |  |
| International Financing Reporting Standards as  | issued by the International Accoun   | nting Standards Board ☑ Other □                      |

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow.

Item 17 □ Item 18 □

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes □ No ☒

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### EXPLANATORY NOTE

This Amendment No. 1 on Form 20-F/A (the "Amendment") amends Part II Item 15. Controls and Procedures of the Annual Report on Form 20-F for the year ended December 31, 2020, which was originally filed with the Securities and Exchange Commission on April 19, 2021(the "Original Annual Report"). We have modified Part II Item 15. Controls and Procedures in this Amendment in response to a comment letter received from the Securities and Exchange Commission regarding management's assessment on internal control over financial reporting for the fiscal year ended December 31, 2020.

In addition, we are including current Exhibits 12.1 and 12.2, the certifications of our Chief Executive Officer and Chief Financial Officer required by Sections 302 of the Sarbanes-Oxley Act of 2002 as of the date of this Amendment.

Except as described above, we have not modified or updated any disclosures presented in the Original Annual Report. This Amendment does not reflect events occurring after the filing of the Original Annual Report or modify or update those disclosures, including the exhibits to the Original Annual Report. Accordingly, this Amendment should be read in conjunction with our filings with the Securities and Exchange Commission subsequent to the filing of the Original Annual Report.

#### ITEM 15. CONTROLS AND PROCEDURES

#### (a) Disclosure Controls and Procedures

We performed an evaluation of the effectiveness of our disclosure controls and procedures that are designed to ensure that information required to be disclosed on Form 20-F and filed with the SEC is recorded, processed, summarized, and reported timely within the time period specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act, is accumulated and communicated to our management, including our principal executive and principal financial officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure. There can be no assurance that our disclosure controls and procedures will detect or uncover all failures of persons within the company to disclose information otherwise required to be set forth in our reports. Nevertheless, our disclosure controls and procedures are designed to provide reasonable assurance of achieving the desired control objectives. Based on our evaluation, our management, including our Chief Executive Officer and Chief Financial Officer, have concluded that our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act) as of the end of the period covered by this report are effective at such reasonable assurance level.

#### (b) Management's Annual Report on Internal Control over Financial Reporting

Our management, under the supervision of our Chief Executive Officer and Chief Financial Officer, is responsible for establishing and maintaining adequate internal control over our financial reporting, as defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act of 1934, as amended. The Company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Internal control over financial reporting includes policies and procedures that:

- pertain to the maintenance of records that in reasonable detail accurately and fairly reflect our transactions and asset dispositions;
- provide reasonable assurance that transactions are recorded as necessary to permit the preparation of our financial statements in accordance with generally accepted accounting principles;
- provide reasonable assurance that receipts and expenditures are made only in accordance with authorizations of our management and board of directors (as appropriate); and
- provide reasonable assurance regarding the prevention or timely detection of unauthorized acquisition, use or disposition of assets that could have a material effect on our financial statements.

Due to its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. In addition, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we assessed the effectiveness of our internal control over financial reporting as of December 31, 2020, based on the framework for Internal Control-Integrated Framework set forth by The Committee of Sponsoring Organizations of the Treadway Commission (COSO) (2013). Based on our assessment and this framework, our management concluded that the Company's internal control over financial reporting was effective as of December 31, 2020.

## (c) Attestation Report of Registered Public Accounting Firm

This Annual Report does not include an attestation report of our independent registered public accounting firm regarding internal control over financial reporting due to an exemption for emerging growth companies provided in the JOBS Act.

## (d) Changes in Internal Control Over Financial Reporting

There were no changes in our internal control over financial reporting that occurred during the year ended December 31, 2020, that have materially affected or are reasonably likely to materially affect our internal control over financial reporting.

## ITEM 19. EXHIBITS

The following Exhibits are filed as part of this Form 20-F/A:

| Exhibit |  |
|---------|--|
| Number  | Exhibit Description  |
| 1.1     | Articles of Association of the Registrant, as amended (unofficial English translation).                                      |
|         |  |
| 2.1     | Form of Deposit Agreement between BrainsWay Ltd., The Bank of New York Mellon as Depositary, and owners and holders from     |
|         | time to time of ADSs issued thereunder (incorporated by reference).  |
|         |  |
| 2.2     | Form of American Depositary Receipt (incorporated by reference).   |
| 2.2     | Total of American Depositary Receipt (meorporated by reference).   |
| 2.3     | Description of Share Capital (incorporated by reference).  |
| 2.3     | Description of Share Capital (incorporated by reference).  |
| 4.1     | D. W. A. J. I. I. D. W. 10010 Cl. J. C. D.   |
| 4.1     | BrainsWay Amended and Restated 2019 Share Incentive Plan   |
|         |  |
| 4.2     | Form of Letter of Exculpation and Indemnification (incorporated by reference).   |
|         |  |
| 4.3     | Brains Way Compensation Policy (incorporated by reference).  |
|         |  |
| 4.4     | Employment Agreement, dated April 3, 2006, by and between Brain Research and Development Services Ltd. and Dr. Yiftach Roth, |
|         | as amended by First Amendment to Employment Agreement, dated May 9, 2006 (incorporated by reference).                        |
|         |  |
| 4.5     | Employment Agreement, dated November 24, 2019, between BrainsWay Ltd. and Christopher Von Jako (incorporated by reference).  |
|         |  |
| 4.6     | Employment Agreement, dated July 25, 2019, between BrainsWay Inc. and Hadar Levy (incorporated by reference).                |
| 4.0     | Employment Agreement, dated July 25, 2017, between Brainsway Inc. and Hadai Levy (incorporated by reference).                |
| 4.7     | Detect Linear American detail July 7, 2002, he and heteroon DesiraWay Inc. and the Heisel Center Dublic Health Continue      |
| 4./     | Patent License Agreement, dated July 7, 2003, by and between BrainsWay, Inc. and the United States Public Health Service     |
|         | (incorporated by reference).   |
|         |  |
| 4.8     | Patent License Amendment, dated August 24, 2005, by and between BrainsWay, Inc. and the United States Public Health Service  |
|         | (incorporated by reference).   |
|         |  |
| 4.9     | Second Amendment to Patent License Agreement, dated April 17, 2008, by and between BrainsWay, Inc. and the United States     |
|         | Public Health Service (incorporated by reference).   |
|         |  |
| 4.10    | Research and License Agreement, dated June 2, 2005, by and between BrainsWay, Inc. and Yeda Research and Development         |
|         | Company Ltd. (incorporated by reference).  |
|         | - · · · · · · · · · · · · · · · · · · ·  |

| 4.11  | First Addendum Agreement, dated August 19, 2007, by and between BrainsWay, Inc. and Yeda Research and Developmen Company Ltd. (incorporated by reference).   |
|-------|--|
| 4.12  | Second Addendum Agreement, dated January 18, 2009, by and between BrainsWay, Inc. and Yeda Research and Developmen Company Ltd. (incorporated by reference).   |
| 4.13  | Third Addendum Agreement, dated March 23, 2010, by and between BrainsWay, Inc. and Yeda Research and Development Company Ltd. (incorporated by reference).   |
| 4.14  | Fourth Addendum Agreement, dated November 12, 2009, by and between BrainsWay, Inc. and Yeda Research and Developmen Company Ltd. (incorporated by reference).  |
| 4.15  | First Amendment to Fourth Addendum Agreement, dated May 11, 2010, by and between BrainsWay, Inc. and Yeda Research and Development Company Ltd. (incorporated by reference).   |
| 4.16  | Fifth Addendum Agreement, dated February 22, 2018, by and between BrainsWay, Inc. and Yeda Research and Developmen Company Ltd. (incorporated by reference).   |
| 8.1   | List of Subsidiaries (incorporated by reference).  |
| 12.1* | Certification by Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.  |
| 12.2* | Certification by Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.  |
| 13    | Certification by Chief Executive Officer and Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.  |
| 15.1  | Consent of Kost Forer Gabbay & Kasierer, Member Firm of Ernst & Young Global.  |
| 101   | The following financial statements from the Company's 20-F for the fiscal year ended December 31, 2020 formatted in XBRL (i) Consolidated Statements of Comprehensive Loss, (ii) Consolidated Statements of Financial Position, (iii) Consolidated Statements of Changes in Equity, (iv) Consolidated Statements of Cash Flows, and (v) Notes to the Consolidated Financia Statements. |
|       |  |

<sup>\*</sup> Filed herewith.

### **SIGNATURE**

The Registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this annual report on its behalf.

### BRAINSWAY LTD.

By:/s/ Christopher R. von Jako, Ph.D.

Name: Christopher R. von Jako, Ph.D. Title: Chief Executive Officer and President

By:/s/R. Scott Areglado

Name: R. Scott Areglado

Title: Senior Vice President and Chief Financial

Officer

Date: June 17, 2021

#### CERTIFICATION BY CHIEF EXECUTIVE OFFICER PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

- I, Christopher von Jako, certify that:
- 1. I have reviewed this annual report on Form 20-F/A of Brainsway Ltd.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
- 4. The company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the company and have:
- a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
- c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and
- 5. The company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's board of directors (or persons performing the equivalent functions):
- a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: June 17, 2021
/s/ Christopher von Jako
Christopher von Jako
Chief Executive Officer

#### CERTIFICATION BY CHIEF FINANCIAL OFFICER PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, R. Scott Areglado, certify that:

I have reviewed this annual report on Form 20-F/A of Brainsway Ltd.;

- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
- 4. The company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the company and have:
- a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
- c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and
- 5. The company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's board of directors (or persons performing the equivalent functions):
- a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: June 17, 2021

/s/ R. Scott Areglado

R. Scott Areglado
Chief Financial Officer