

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | NICHOLAS MORRA | 11/30/2022 |
| RECEIVING PARTY DATA | | |
| Name: | PHARMACEUTICAL ADVISORS, LLC | |
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| Internal Address: | SUITE 110 | |
| City: | BRADENTON | |
| State/Country: | FLORIDA | |
| Postal Code: | 34203 | |
| PROPERTY NUMBERS Total: 3 | | |
| | Property Type | Number |
| | Application Number: | 63239853 |
| | Application Number: | 17901504 |
| | PCT Number: | US2022042353 |
| CORRESPONDENCE DATA | | |
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| ATTORNEY DOCKET NUMBER: | ATAI-014/01US | |
| NAME OF SUBMITTER: | DOU Y. YOUN | |
| SIGNATURE: | /Dou Yeon Youn/ | |
| DATE SIGNED: | 02/10/2023 | |
| Total Attachments: 4 | | |
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ASSIGNMENT

*160 STATE RD 70E
SUITE 110
3290-TH
PL 34203
12/30/22*

Nicholas MORRA, having a mailing address c/o ~~Pharmaceutical Advisors, LLC, 475 Wall Street, Research Park, Princeton, NJ 08540~~ (referred to as "Assignor") has made an invention(s) (the "Invention(s)") set forth in an application for patent entitled **SYNTHESIS OF MDMA OR ITS OPTICALLY ACTIVE (R)- OR (S)-MDMA ISOMERS**, and which is a:

- (1) ☒ provisional application
(a) ☐ to be filed herewith; or
(b) ☒ bearing Application No. **63/239,853**, and filed on **September 1, 2021**;
- (2) ☒ non-provisional application
(a) ☐ to be filed herewith; or
(b) ☒ bearing Application No. **17/901,504**, and filed on **September 1, 2022**; and/or
- (3) ☒ PCT application
(a) ☒ bearing Application No. **PCT/US2022/042353**, and filed on **September 1**, and/or
- (4) ☐ attached hereto.

wherein applications claim priority to:

| Country | Application No. | Application filing date |
|---------|-----------------|-------------------------|
| | | |

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WHEREAS, **Pharmaceutical Advisors, LLC**, having its principal place of business ~~475 Wall Street, Research Park, Princeton, NJ 08540~~ (the "Assignee"), its successors, legal representatives and assigns, is desirous of acquiring the Assignors' entire right, title, and interest in: the Invention(s); the application(s) for patent and/or registered design identified above; the right to file applications for patent and/or registered design of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) and/or registered design(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that an Assignor has not done so already via a prior agreement with

the Assignee or a predecessor in interest of the Assignee, or if an Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of said prior agreement, each Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent and/or registered design of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent and/or registered design of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent and/or registered design of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent and/or registered design claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent and/or registered design identified in the preceding paragraphs (b)-(e) and of any and all patent(s) and/or registered design(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) and/or registered design(s) of the United States or other countries that may be granted for or on any application for patent and/or registered design(s) identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s) and/or registered design(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

Each Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the Assignor's entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which

would conflict with these presents. Each Assignor also hereby represents that the Assignor has not previously sold, transferred, or encumbered any part of Assignor's right, title, and interest in the Invention(s).

Each Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), said registered design(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

Each Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

Each Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the use and behalf of the Assignee, its successors, legal representatives, and assigns.

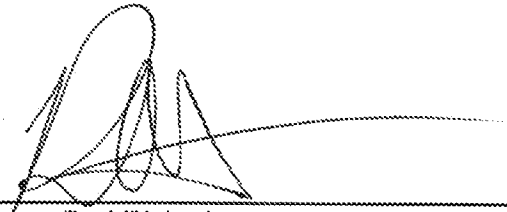
Assignor(s) and Assignee(s) understand that electronic signatures are acceptable and that, by signing electronically, signatories agree to the use of electronic signatures.

Date: November 30, 2022

Signature: Nicholas Morra
Nicholas MORRA

For and on behalf of ASSIGNEE:

Date: 12/30/2022

By: 
Name: Paul Weitach
Title: Managing Partner
Company: Pharmaceutical Advisors, LLC