

ASSIGNMENT

WHEREAS, we, Kyle D. Konze, Aleksey I. Gerasyuto, Byungchan Kim, Salma Rafi, Tyler Day, Eugene Hickey, and Evelyn Houang, have invented one or more inventions described in an application for Letters Patent of the United States, entitled **INHIBITING HUMAN INTEGRIN (ALPHA-4) (BETA-7)** the specification of which:

☐ is being executed herewith; and is about to be filed in the United States Patent Office;

☐ was filed on _____ as U.S. Application No. _____;

☒ was filed on October 16, 2020 as PCT Application No. PCT/US20/55986;

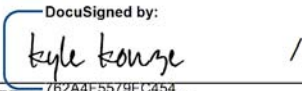
☐ was patented on _____ as U.S. Patent No. _____;

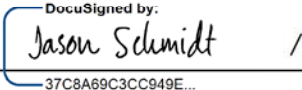
WHEREAS, **Schrödinger, Inc.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Delaware, having principal offices at 120 West 45th Street, Tower 45, New York, New York 10036-4041, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any substitution, reissue, continuation, divisional, revival and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

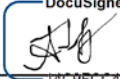
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional, continuation or revival applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor: /  / Date: November 23, 2020
762A4F5579FC454...
Kyle D. Konze
339 3rd Street, Apt. 2C
Address: Brooklyn, New York 11215
UNITED STATES OF AMERICA

Witness: /  / Date: November 23, 2020
37C8A69C3CC949E...
Print Name: Jason Schmidt

Attorney Docket No. MTX-01025

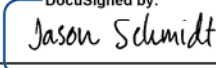
Inventor: /  /
DocuSigned by:
14C9FCC40CFD448...

Aleksey I. Gerasyuto

20 Skyline Drive

Address: Flemington, New Jersey 08822
UNITED STATES OF AMERICA

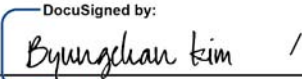
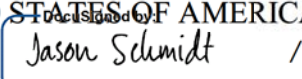
Date: November 23, 2020

Witness: /  /
DocuSigned by:
37C8A69C3CC949E...

Print Name: Jason Schmidt

Date: November 23, 2020

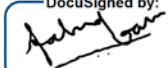
Attorney Docket No. MTX-01025

Inventor: /  /
Byungchan Kim
20 at Port Imperial
Address: #322
West New York, New Jersey 07093
UNITED STATES OF AMERICA
Witness: /  /
Jason Schmidt
Print Name: Jason Schmidt

Date: November 23, 2020

Date: November 23, 2020

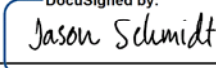
Attorney Docket No. MTX-01025

Inventor: /  /
7D84DC0575444D2...

Salma Rafi

10 North Hancock Street

Address: Lexington, Massachusetts 02420
UNITED STATES OF AMERICA

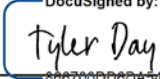
Witness: /  /
37C8A69C3CC949E...

Print Name: Jason Schmidt

Date: November 23, 2020

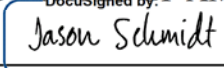
Date: November 23, 2020

Attorney Docket No. MTX-01025

Inventor: /  /
DocuSigned by:
886700DD6DA34CA...

Date: November 23, 2020

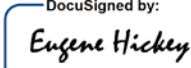
Tyler Day
520 West 48th Street
Address: Apt 7G
New York, New York 10036
UNITED STATES OF AMERICA

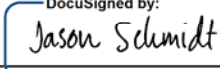
Witness: /  /
DocuSigned by:
37C8A69C3CC949E...

Date: November 23, 2020

Print Name: Jason Schmidt

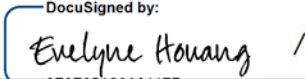
Attorney Docket No. MTX-01025

Inventor: /  /
Eugene Hickey
5 Woodbury Drive
Address: Danbury, Connecticut 06811
UNITED STATES OF AMERICA
Date: November 23, 2020

Witness: /  /
Jason Schmidt
Date: November 23, 2020

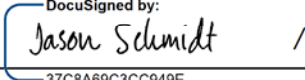
Print Name: Jason Schmidt

Attorney Docket No. MTX-01025

Inventor: /  /
Evelyne Houang
2638 21st St., Apt 9D

Date: November 23, 2020

Address: Queens, New York 11102
UNITED STATES OF AMERICA

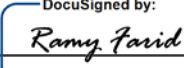
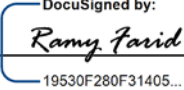
Witness: /  /
Jason Schmidt

Date: November 23, 2020

Print Name: Jason Schmidt

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of **Schrödinger, Inc.**,

By: /  / Date: November 23, 2020
Name: Ramy Farid 
Title: President & CEO

ASSIGNMENT

Whereas, **SCHRÖDINGER, INC.**, having its principal place of business at 120 West 45th Street, Tower 45, New York, NY 10036-4041, for valuable consideration received from **SCHRÖDINGER, LLC**, having its principal place of business at 120 West 45th Street, Tower 45, New York, NY 10036-4041, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

SCHRÖDINGER, LLC

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“INHIBITING HUMAN INTEGRIN (ALPHA-4) (BETA-7)”

described in Patent Cooperation Treaty Patent Application Serial No. PCT/US20/55986, filed on October 16, 2020, in the United States Receiving Office, and in all Letters Patent of the United and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

SCHRÖDINGER, INC.

Date: November 25, 2020

By: / DocuSigned by:
Ramy Farid 19530F280F31405... /
Printed Name: Ramy Farid
Title: President & CEO

WITNESSED BY:

DocuSigned by:
/ *Ray Hadnot* /
8C1FF8996C8D4F0...
Printed Name: Ray Hadnot
Date: November 25, 2020

ACCEPTANCE:

SCHRÖDINGER, LLC, hereby declares that it accepts the rights and property hereby assigned and transferred to it.

SCHRÖDINGER, LLC

By: / DocuSigned by:
Ramy Farid 19530F280F31405... /
Printed Name: Ramy Farid
Title: President & CEO

WITNESSED BY:

DocuSigned by:
/ *Ray Hadnot* /
8C1FF8996C8D4F0...
Printed Name: Ray Hadnot
Date: November 25, 2020

Atty. Docket No. MTX-01025

ASSIGNMENT

Whereas, **SCHRÖDINGER, LLC**, having its principal place of business at 120 West 45th Street, Tower 45, New York, NY 10036-4041, for valuable consideration received from **MORPHIC THERAPEUTIC, INC.**, having its principal place of business at 35 Gatehouse Drive A2, Waltham, MA 02451, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

MORPHIC THERAPEUTIC, INC.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“INHIBITING HUMAN INTEGRIN (ALPHA-4) (BETA-7)”

described in Patent Cooperation Treaty Patent Application Serial No. PCT/US20/55986, filed on October 16, 2020, in the United States Receiving Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

Atty. Docket No. MTX-01025

SCHRÖDINGER, LLC

Date: November 25, 2020

By: / DocuSigned by:
Ramy Farid 19530F280F31405... /

Printed Name: Ramy Farid

Title: President & CEO

WITNESSED BY:

/ DocuSigned by:
Ray Hadnot 8C1FF8996C8D4F0... /

Printed Name: Ray Hadnot

Date: November 25, 2020

ACCEPTANCE:

Morphic Therapeutic, Inc., hereby declares that it accepts the rights and property hereby assigned and transferred to it.

MORPHIC THERAPEUTIC, INC.

By: _____

Printed Name: _____

Title: _____

WITNESSED BY:

Printed Name: _____

Date: _____