

JOINT ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Bryce Harrison	Waltham, MA
2. Kerim Babaoglu	Waltham, MA
3. Alex Buckmelter	Waltham, MA
4. Matthew Bursavich	Waltham, MA
5. Percival Chen	Waltham, MA
6. James E. Dowling	Waltham, MA
7. Fu-Yang Lin	Waltham, MA
8. Blaise Lippa	Waltham, MA
9. Thomas Andrew McTeague	Waltham, MA
10. Prolay Mondal	Waltham, MA
11. Meghan Monroy	Waltham, MA
12. Qi Qiao	Waltham, MA

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

INHIBITING HUMAN INTEGRIN ALPHA-4 BETA-7

- ☐ prepared for filing in the United States Patent and Trademark Office; or
- ☒ identified by United States Application Serial No. 63/687,191
filed in the United States Patent and Trademark Office on; August 26, 2024; and
- ☐ identified by International Patent Application No. _____
filed on _____; and
- ☒ and is also aware of the following priority applications:

Serial No.	Filed
63/583,193	September 15, 2023

WHEREAS Morphic Therapeutic, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the state of Delaware, and having a usual place of business at 35 Gatehouse Drive, A2, Waltham, MA 02451, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, each of us has sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale,

assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. Our sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by each of us had this sale, assignment and transfer not been made;

AND, each of us hereby acknowledges that this Assignment, being of our entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, each of us hereby further agrees 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 patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, each of us further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, each of us hereby appoints ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, each of us hereby requests the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, each of us covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

Acknowledged and agreed to by:
MORPHIC THERAPEUTIC, INC.

By: [Signature]

Name: Elizabeth A. McGraw

Title: Vice President, Assistant General Patent Counsel, Eli Lilly and Company of which Morphic Therapeutic, Inc., is a wholly owned subsidiary

Date: 11-Sep-2024

NOTARIZATION

State/Commonwealth of Indiana)
County of Marion) ss

On this 11 day of September, 2024 before me, the undersigned notary public, personally appeared Elizabeth A. McGraw, proved to me through satisfactory evidence of identification, which was/were Driver's License, to be the person whose name is signed on the present or attached document in my presence.



[Signature]
Notary Public: D'Leah R. Sanders
My Commission Expires: February 13, 2031

WITNESSES

Witness Signature: _____

Witness Name: _____

Witness Date: _____

Witness Signature: _____

Witness Name: _____

Witness Date: _____

SIGNED this 3 day of September 2024

Bryce A Harrison
Bryce Harrison

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Waltham

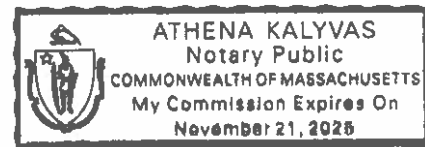
On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Bryce Harrison, proved to me through satisfactory evidence of identification, which was/were Conn. MFL DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: Ritsulco
Witness Name: Ritsulco Someya
Witness Date: 9/3/2024

Witness Signature: Courtney Sabino
Witness Name: Courtney Sabino
Witness Date: 9/3/24



SIGNED this 3rd day of Sept, 2024


Kerim Babaoglu

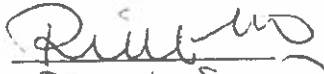
NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Waltham

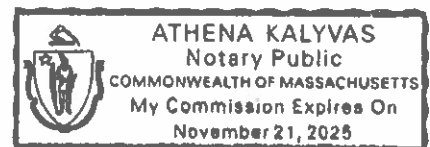
On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Kerim Babaoglu proved to me through satisfactory evidence of identification, which was/were Conn. MA DL, to be the person whose name is signed on the preceding or attached document in my presence.


Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: 
Witness Name: RITSIKO SOMAYAJI
Witness Date: 9/3/2024

Witness Signature: 
Witness Name: Courtney Sabino
Witness Date: 9/3/24



SIGNED this 3RD day of SEPTEMBER, 20 24

Alex Buckmelter
Alex Buckmelter

NOTARIZATION

State/Commonwealth of MA SS)
County of Middlesex) ss Waltham

On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Alex Buckmelter, proved to me through satisfactory evidence of identification, which was/were CONGMA DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature:

Ritsuko Sonezo

Witness Name:

Ritsuko Sonezo

Witness Date:

9/3/2024

Witness Signature:

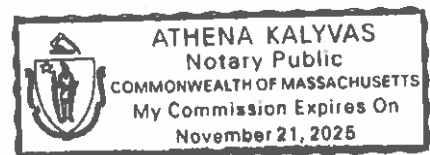
Courtney Sabino

Witness Name:

Courtney Sabino

Witness Date:

9/3/24



SIGNED this 3 day of Sept, 2024

Matthew Bursavich
Matthew Bursavich

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Waltham

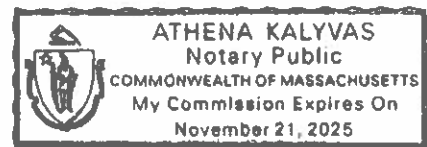
On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Matthew Bursavich, proved to me through satisfactory evidence of identification, which was/were Carina MA DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: Ritsuke Soneya
Witness Name: Ritsuke Soneya
Witness Date: 9/3/2024

Witness Signature: Courtney Sabino
Witness Name: Courtney Sabino
Witness Date: 9/3/24



SIGNED this 3rd day of September, 2024

Yang-Ting Chen

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Walham

On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Yang-Ting Chen, proved to me through satisfactory evidence of identification, which was/were Conn MA DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: [Signature]

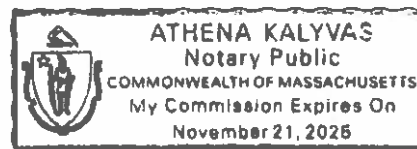
Witness Name: R. Tulca-Some

Witness Date: 9/3/2024

Witness Signature: [Signature]

Witness Name: Courtney Sabino

Witness Date: 9/3/24



SIGNED this 3RD day of SEPTEMBER, 20 24

James E. Dowling
James E. Dowling

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Waltham

On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared James E. Dowling proved to me through satisfactory evidence of identification, which was/were MA DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature:

Witness Name:

Witness Date:

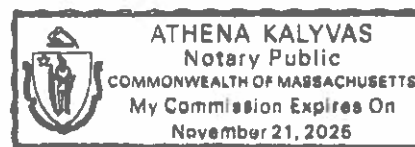
Ritsuko Semezu
Ritsuko Semezu
9/3/2024

Witness Signature:

Witness Name:

Witness Date:

Carmony Sabino
Carmony Sabino
9/3/24



SIGNED this 3 day of September, 2024


Fu-Yang Lin

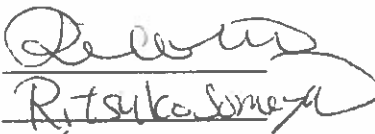
NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Waltham

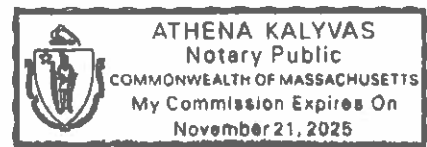
On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Fu-Yang Lin, proved to me through satisfactory evidence of identification, which was/were COMM 911A DL, to be the person whose name is signed on the preceding or attached document in my presence.


Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: 
Witness Name: Ritsuka Sone
Witness Date: 9/3/2024

Witness Signature: 
Witness Name: Courtney Sabino
Witness Date: 9/3/24



SIGNED this 3rd day of September 20 24

[Signature]
Blaise Lipa

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Wrotham

On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Blaise Lipa, proved to me through satisfactory evidence of identification, which was/were MA DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature:

Witness Name:

Witness Date:

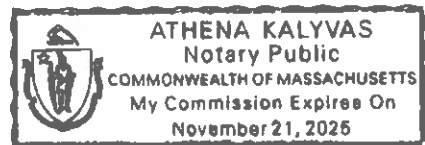
[Signature]
Ritsika Senegal
9/3/24

Witness Signature:

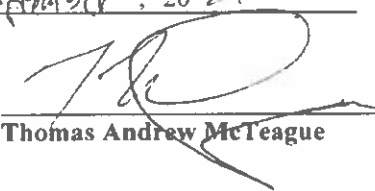
Witness Name:

Witness Date:

[Signature]
Courtney Sabino
9/3/24



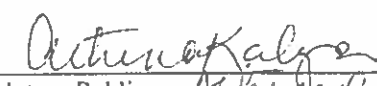
SIGNED this 5 day of September, 2024


Thomas Andrew McTeague

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss William

On this 5 day of September, 2024 before me, the undersigned notary public, personally appeared Thomas Andrew McTeague proved to me through satisfactory evidence of identification, which was/were Cung MA DC, to be the person whose name is signed on the preceding or attached document in my presence.

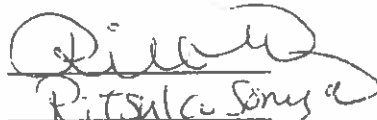

Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature:

Witness Name:

Witness Date:

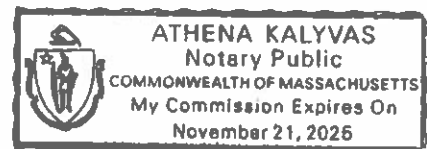

Ritsaka Sonya
9/5/2024

Witness Signature:

Witness Name:

Witness Date:


Courtney Sabino
9/5/24



SIGNED this 3rd day of SEPTEMBER, 2024

Prolay Kumar Mondal
Prolay Mondal

NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss within

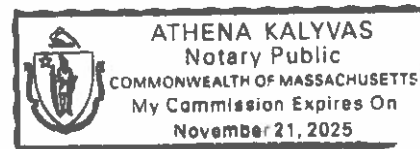
On this 3 day of September, 2024 before me, the undersigned notary public, personally appeared Prolay Mondal, proved to me through satisfactory evidence of identification, which was/were CINEMA DC, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: [Signature]
Witness Name: P. Silva-Sanchez
Witness Date: 9/3/24

Witness Signature: [Signature]
Witness Name: Carmony Sabino
Witness Date: 9/3/24



SIGNED this 6 day of September, 2024

Meghan Monroy
Meghan Monroy

NOTARIZATION

State/Commonwealth of MASS)
County of Worcester) ss Worcester
Middlesex

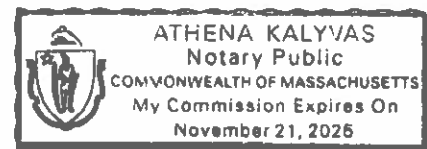
On this 6 day of September, 2024, before me, the undersigned notary public, personally appeared Meghan Monroy, proved to me through satisfactory evidence of identification, which was/were Carnegie DL, to be the person whose name is signed on the preceding or attached document in my presence.

Athena Kalyvas
Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: [Signature]
Witness Name: Rita L. Smith
Witness Date: 9/6/24

Witness Signature: [Signature]
Witness Name: Carney Sabino
Witness Date: 9/6/24



SIGNED this 3rd day of September, 2024


Qi Qiao

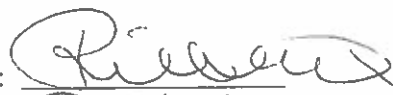
NOTARIZATION

State/Commonwealth of MASS)
County of Middlesex) ss Athena Kalyvas

On this 3 day of September, 2024, before me, the undersigned notary public, personally appeared Qi Qiao, proved to me through satisfactory evidence of identification, which was/were Conn + DL, to be the person whose name is signed on the preceding or attached document in my presence.


Notary Public: Athena Kalyvas
My Commission Expires: November 21, 2025

WITNESSES

Witness Signature: 	Witness Signature: 
Witness Name: <u>Pitsala Som</u>	Witness Name: <u>Courtney Sabino</u>
Witness Date: <u>9/3/24</u>	Witness Date: <u>9/3/24</u>

