

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by Sylvia Holley

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office, Department of Commerce

Certified

5. at Washington, D.C.

6. the seventh of March, 2022

7. by Assistant Authentication Officer, United States Department of State

8. No. 22022860-2

9. Seal/Stamp:

10. Signature:

Keith Key
Keith Key

8211327

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

February 11, 2022

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November 12, 2021

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Under Secretary of Commerce for Intellectual Property
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Sylvia H. Holley
Certifying Officer



PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7021674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEVIN KISH	09/28/2021
JOSEPH M. LUETTGEN	07/22/2021
STEVEN SHERIFF	07/13/2021
WILLIAM R. EWING	07/09/2021
LUMELLE SCHNEEWEIS	07/08/2021
GINGER CHAO RAKESTRAW	07/29/2021
ANDREW KARL DILGER	08/25/2021
CHRISTINA TERRAGNI	07/14/2021
JASON ROBERT PINCKNEY	07/13/2021
YONGMI AN	07/20/2021
RECEIVING PARTY DATA	
Name:	BRISTOL-MYERS SQUIBB COMPANY
Street Address:	ROUTE 206 AND PROVINCE LINE ROAD
City:	PRINCETON
State/Country:	NEW JERSEY
Postal Code:	08543
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	63153045
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	6175426000
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Correspondent Name:	MINTZ
Address Line 1:	ONE FINANCIAL CENTER
Address Line 4:	BOSTON, MASSACHUSETTS 02111
ATTORNEY DOCKET NUMBER:	055920-553P04US

NAME OF SUBMITTER:	MICHELLE HOLMES-SON
SIGNATURE:	/MICHELLE HOLMES-SON/
DATE SIGNED:	11/12/2021

Total Attachments: 12

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ASSIGNMENT

We,

KEVIN KISH, JOSEPH M. LUETTGEN, STEVEN SHERIFF, WILLIAM R. EWING, LUMELLE SCHNEEWEIS, GINGER CHAO RAKESTRAW, ANDREW KARL DILGER, CHRISTINA TERRAGNI, JASON ROBERT PINCKNEY, YONGMI AN

pursuant to contractual obligations heretofore assumed by us and/or for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign and/or confirm the sale and assignment to **Bristol-Myers Squibb Company**, a Delaware corporation, having a place of business at Route 206 and Province Line Road, Princeton, NJ 08543, and its successors, assigns and legal representatives, of all our right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any international convention for the protection of industrial property, in and for all countries of the world, including the United States and its territories and possessions, in and to the invention entitled:

**ANTIBODIES AND ANTIGEN BINDING PEPTIDES FOR FACTOR XIA INHIBITORS AND USES
THEREOF**

invented by us and described in the United States provisional Patent Application

Application Number 63/153045, filed 24 Feb 2021,

including said United States provisional Patent Application and any patent application claiming priority from said United States provisional Patent Application, filed in any country, and any patents which may be issued and/or granted thereon, and all divisions, continuations, reissues, reexamination certificates and extensions thereof in all countries, said interest being the entire ownership of said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates to be held and enjoyed by Bristol-Myers Squibb Company and its successors and assigns to the full end of the terms to which said patents (including reissue patents), extensions and reexamination certificates may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made;

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this 28 day of September, 2021, by ✓ ✓
KEVIN KISH

Signed this day of , 2021, by
JOSEPH M. LUETTGEN

Signed this day of , 2021, by
STEVEN SHERIFF

Signed this day of , 2021, by
WILLIAM R. EWING

Signed this day of , 2021, by
LUMELLE SCHNEEWEIS

Signed this day of , 2021, by
GINGER CHAO RAKESTRAW

Signed this day of , 2021, by
ANDREW KARL DILGER

Signed this _____ day of _____, 2021, by _____
CHRISTINA TERRAGNI

Signed this _____ day of _____, 2021, by _____
JASON ROBERT PINCKNEY

Signed this _____ day of _____, 2021, by _____
YONGMI AN

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this _____ day of _____, 2021, by _____
KEVIN KISH

Signed this 22nd day of July, 2021, by Joseph M. Luetgen
JOSEPH M. LUETTGEN

Signed this _____ day of _____, 2021, by _____
STEVEN SHERIFF

Signed this _____ day of _____, 2021, by _____
WILLIAM R. EWING

Signed this _____ day of _____, 2021, by _____
LUMELLE SCHNEEWEIS

Signed this _____ day of _____, 2021, by _____
GINGER CHAO RAKESTRAW

Signed this _____ day of _____, 2021, by _____
ANDREW KARL DILGER

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this _____ day of _____, 2021, by _____
KEVIN KISH

Signed this _____ day of _____, 2021, by _____
JOSEPH M. LUETTGEN

Signed this 13 day of July, 2021, by _____
STEVEN SHERIFF

Signed this _____ day of _____, 2021, by _____
WILLIAM R. EWING

Signed this _____ day of _____, 2021, by _____
LUMELLE SCHNEEWEIS

Signed this _____ day of _____, 2021, by _____
GINGER CHAO RAKESTRAW

Signed this _____ day of _____, 2021, by _____
ANDREW KARL DILGER

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this _____ day of _____, 2021, by _____
KEVIN KISH

Signed this _____ day of _____, 2021, by _____
JOSEPH M. LUETTGEN

Signed this _____ day of _____, 2021, by _____
STEVEN SHERIFF

Signed this 9th day of July, 2021, by William R. Ewing
WILLIAM R. EWING

Signed this _____ day of _____, 2021, by _____
LUMELLE SCHNEEWEIS

Signed this _____ day of _____, 2021, by _____
GINGER CHAO RAKESTRAW

Signed this _____ day of _____, 2021, by _____
ANDREW KARL DILGER

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this _____ day of _____, 2021, by _____
KEVIN KISH

Signed this _____ day of _____, 2021, by _____
JOSEPH M. LUETTGEN

Signed this _____ day of _____, 2021, by _____
STEVEN SHERIFF

Signed this _____ day of _____, 2021, by _____
WILLIAM R. EWING

Signed this 8 day of July, 2021, by Lumelle Schneeweis
LUMELLE SCHNEEWEIS

Signed this _____ day of _____, 2021, by _____
GINGER CHAO RAKESTRAW

Signed this _____ day of _____, 2021, by _____
ANDREW KARL DILGER

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this _____ day of _____, 2021, by _____
KEVIN KISH

Signed this _____ day of _____, 2021, by _____
JOSEPH M. LUETTGEN

Signed this _____ day of _____, 2021, by _____
STEVEN SHERIFF

Signed this _____ day of _____, 2021, by _____
WILLIAM R. EWING

Signed this _____ day of _____, 2021, by _____
LUMELLE SCHNEEWEIS

Signed this 29 day of July, 2021, by 
GINGER CHAO RAKESTRAW

Signed this _____ day of _____, 2021, by _____
ANDREW KARL DILGER

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all patent applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said patent applications, patents (including reissue patents), extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, and its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this _____ day of _____, 2021, by _____
KEVIN KISH

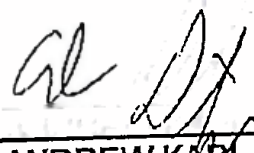
Signed this _____ day of _____, 2021, by _____
JOSEPH M. LUETTGEN

Signed this _____ day of _____, 2021, by _____
STEVEN SHERIFF

Signed this _____ day of _____, 2021, by _____
WILLIAM R. EWING

Signed this _____ day of _____, 2021, by _____
LUMELLE SCHNEEWEIS

Signed this _____ day of _____, 2021, by _____
GINGER CHAO RAKESTRAW

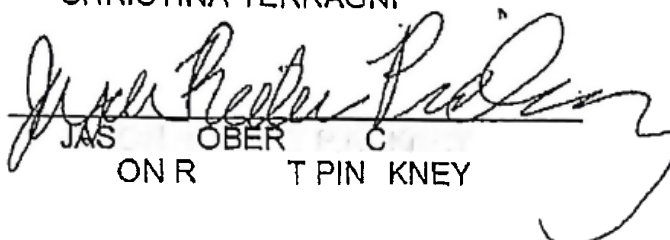
Signed this 25th day of August, 2021, by 
ANDREW KARL DILGER

Signed this 14 day of July, 2021, by Christina Terragni
CHRISTINA TERRAGNI

Signed this _____ day of _____, 2021, by _____
JASON ROBERT PINCKNEY

Signed this _____ day of _____, 2021, by _____
YONGMI AN

Signed this _____ day of _____, 2021, by _____
CHRISTINA TERRAGNI

Signed this 13 day of July, 2021, by 
JAS OBER C
ON R T PIN KNEY

Signed this _____ day of _____, 2021, by _____
YONGMI AN

Signed this _____ day of _____, 2021, by _____
CHRISTINA TERRAGNI

Signed this _____ day of _____, 2021, by _____
JASON ROBERT PINCKNEY

Signed this 20 day of July, 2021, by _____
YONGMI AN