506017940 04/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN NIKOLAUS GRADL	03/04/2019
DUY NGUYEN	03/04/2019
KNUT EIS	03/04/2019
JUDITH GÜNTHER	03/04/2019
TIMO STELLFELD	03/04/2019
ANDREAS JANZER	03/04/2019
SVEN CHRISTIAN	03/04/2019
THOMAS MÜLLER	03/28/2019
SHERIF EL SHEIKH	03/18/2019
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CHANGJIA ZHAO	06/10/2019
KERY LIU	06/10/2019
MICHAEL KRÖBER	03/04/2019
CLAUDIA MERZ	03/04/2019
MICHAEL NIEHUES	03/04/2019
MARTINA SCHÄFER	03/04/2019
KATJA ZIMMERMANN	04/02/2019
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PATENT REEL: 052417 FRAME: 0510

506017940

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16345168

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SIGNATURE:	/MELISSA HUNTER-ENSOR PH.D./
DATE SIGNED:	04/16/2020

Total Attachments: 10

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ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, 1) BAYER AKTIENGESELLSCHAFT

- 2) BAYER PHARMA AKTIENGESELLSCHAFT
- 3) THE BROAD INSTITUTE, INC.
- 4) PRESIDENT AND FELLOWS OF HARVARD COLLEGE
- 5) THE GENERAL HOSPITAL CORPORATION, of
- 1) Kaiser-Wilhelm-Allee 1, 51373 Leverkusen, DE
- 2) Müllerstr. 178, 13353 Berlin, DE
- 3) 415 Main Street, 02142 Cambridge, Massachusetts, US
- 4) 17 Quincy Street, 02138 Cambridge, MASSACHUSETTS, US
- 5) 55 Fruit Street, 02114 BOSTON, Massachusetts, US, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts know to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

DECLARATION

As a belo	ow named inventor, I hereby	decla	re tha	t this assignment with declaration is directed to:
	The attached application,	OR	\boxtimes	United States Application or PCT International Application Number <u>PCT/EP2017/077252</u> filed on <u>2017-10-25</u> (Confirmation No).

PRE-AIA

My residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled:

2,4,5-TRISUBSTITUTED 1,2,4-TRIAZOLONES USEFUL AS INHIBITORS OF DHODH

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POST-AIA

The above identified application was made or was authorized to be made by me.

PATENT

I believe I am the original inventor or an original joint inventor of a claime REE tion 052447 in RAME: 0512

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect (o: 1) the aboveidentified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filled in the aboveidentified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE

FULL NAME OF INVENTOR: RESIDENCE POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE

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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE

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2. Dr. Duy NGUYEN 10179 Berlin, DE Heinrich-Heine-Straße 27, 10179 Berlin, DE

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9. Prof. Dr. Sherif El SHEIKH 45481 Mülheim/Ruhr, DE Quellenstr. 74, 45481 Mülheim/Ruhr, IFATENT

US

REEL: 052417 FRAME: 0514

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	3. Dr. Knut EIS 13587 Berlin, DE Fichtenweg 1, 13587 Berlin, DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	4. Dr. Judith GÜNTHER 13187 Berlin, DE Parkstr. 60, 13187 Berlin, DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	5. Dr. Timo STELLFELD 14197 Berlin, DE Johannisberger Str. 67, 14197 Berlin, DE DE
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REEL: 052417 FRAME: 0515

9. Prof. Dr. Sherif El SHEIKH

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the aboveidentified patent application-us-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the aboveidentified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	3. Dr. Knut EIS 13587 Berlin, DE Fichtenweg 1, 13587 Berlin, DE DE
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REEL: 052417 FRAME: 0516

RESIDENCE:

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POST OFFICE ADDRESS:

SIGNATURE / DATE

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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS:

CITIZENSHIP: SIGNATURE/IDATE

FULL NAME OF INVENTOR: BESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP; SIGNATURE/DATE

FULL, NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CTITZENSHIP: SIGNATURE/DATE

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS:

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PULL NAME OF INVENTOR: BESIDENCE: POST OFFICE ADDRESS: CTITZENSHIP: SIGNATURE / DATE

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18. Dr. Martina SCHÄFER 13465 Berlin, DB Gumemaszphał 77, 13465 Berlin, DE DE

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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	13. Steven James FERRARA02142 Cambridge, USA415 Main Street , 02142 Cambridge, USAUK
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	14. Kery LIU 102208 Beijing, China Unit 2-502, Building No. 14, Long Teng Yuan II, Hui Long Guan Town, Chang Ping District, 102208 Beijing, C
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE	U 15, Michael KRÖBER 13127 Berlin, DE Stephanusring 27, 13127 Berlin, DE DE
FULL NAME OF INVENTOR; RESIDENCE: POST OFFICE ADDRESS; CITIZENSHIP: SIGNATURE / DATE	16. Dr. Claudia MERZ 12247 Berlin, DE Wunsiedeler Weg 37, 12247 Berlin, DE DE
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REEL: 052417 FRAME: 0519

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE

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RECORDED: 04/16/2020