

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7497066

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 060843 Frame 0302. Assignor(s) hereby confirms the CORRECT ASSIGNEE NAME IS FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER GMEINER	04/15/2016
DANIELA GISELA DENGLER	11/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG
<b>Street Address:</b>	SCHLOSSPLATZ 4
<b>City:</b>	ERLANGEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	91054
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2016040553
<b>Application Number:</b>	16921843
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)314-1501
<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>	
<b>Phone:</b>	(858) 314-1539
<b>Email:</b>	lmjaramillo@mintz.com, IPDocketingBOS@mintz.com
<b>Correspondent Name:</b>	MINTZ/SAN DIEGO OFFICE
<b>Address Line 1:</b>	ONE FINANCIAL CENTER
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02111
<b>ATTORNEY DOCKET NUMBER:</b>	048536-561D01US
<b>NAME OF SUBMITTER:</b>	LUIS JARAMILLO, PATENT SPECIALIST
<b>SIGNATURE:</b>	/Luis Jaramillo/
<b>DATE SIGNED:</b>	08/22/2022
<b>Total Attachments: 3</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7492560

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER GMEINER	04/15/2016
DANIELA GISELA DENGLER	11/16/2016
<b>RECEIVING PARTY DATA</b>	
UNIVERSITÄT	
<b>Name:</b>	FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG
<b>Street Address:</b>	SCHLOSSPLATZ 4
<b>City:</b>	ERLANGEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	91054
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2016040553
<b>Application Number:</b>	16921843
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)314-1501
<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>	
<b>Phone:</b>	(858) 314-1539
<b>Email:</b>	lmjaramillo@mintz.com, IPDocketingBOS@mintz.com
<b>Correspondent Name:</b>	MINTZ/SAN DIEGO OFFICE
<b>Address Line 1:</b>	ONE FINANCIAL CENTER
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02111
<b>ATTORNEY DOCKET NUMBER:</b>	048536-561D01US
<b>NAME OF SUBMITTER:</b>	LUIS JARAMILLO, PATENT SPECIALIST
<b>SIGNATURE:</b>	/Luis Jaramillo/
<b>DATE SIGNED:</b>	08/18/2022
<b>Total Attachments: 2</b>	
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source=Executed Assignment (Gmeiner and Dengler to FAU)#page2.tif	

## ASSIGNMENT

Atty Docket No: 48536-561P01US  
FAU Case No.: 2-15/004

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

Peter GMEINER, residing at Sebalder Forstweg 24, Erlangen, 91054, DE, citizen of DE

hereby sells, assigns and transfers to ASSIGNEE, the Friedrich-Alexander-Universität Erlangen-Nürnberg, organized and existing under the laws of GERMANY, having its principal place of business at Schlossplatz 4, 91054 Erlangen, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### NEUARTIGE MU-OPIOID REZEPTOR AGONISTEN (MU OPIOID RECEPTOR MODULATORS)

and which is found in

- (a) X U.S. provisional application 62/190,390 filed herewith and listing the above named person as co-inventor
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named person as co-inventor
- (c) \_\_\_\_\_ U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and, in and to, said application and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

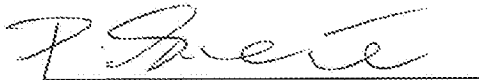
ASSIGNOR further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

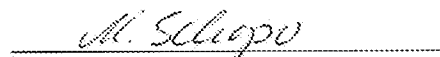
AND the ASSIGNOR requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Friedrich-Alexander-Universität Erlangen-Nürnberg.

executed this

15 day of April, 2016

Signature of Inventor

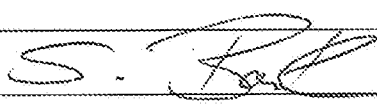
  
Peter GMEINER

  
Witness signature

Martina Schaper  
Printed name

Assignee hereby accepts this Assignment:

Date: 18.04.2016

  
Sybille Barth

Head of Knowledge- and Technology Transfer (WTT/F2)

## ASSIGNMENT

Atty Docket No: 48536-561P01US and 48536-561001WO  
FAU Case No.: 2-15/004

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

Daniela Gisela DENGLER, residing at Isarstraße 4, Erlangen, 91052, DE, citizen of DE

hereby sells, assigns and transfers to ASSIGNEE, the Friedrich-Alexander-Universität Erlangen-Nürnberg, organized and existing under the laws of GERMANY, having its principal place of business at Schlossplatz 4, 91054 Erlangen, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### NEUARTIGE MU-OPIOID REZEPTOR AGONISTEN (MU OPIOID RECEPTOR MODULATORS)

and which is found in

- (a) X U.S. provisional application 62/190,390
- (b) X international patent application PCT/US2016/040553 listing the above named person as co-inventor
- (c) \_\_\_\_\_ U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and, in and to, said application(s) and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application(s) or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application(s), said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Friedrich-Alexander-Universität Erlangen-Nürnberg.

executed this

16 day of November, 2016

Signature of Inventor

  
Daniela Gisela DENGLER

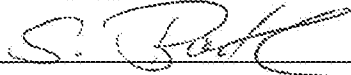
Witness signature

  
HARALD HÜBNER

Printed name

Assignee hereby accepts this Assignment:

Date: 21. November 2016

  
Sybille Barth

Head of Knowledge- and Technology Transfer (WTT/F2)