505629972 08/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5676778

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TERESA MUJICA FERNAUD	05/02/2019
REMI ANEMIAN	05/06/2019
HYEON-HUI KANG	06/10/2019
II JUNG	04/30/2019
JUN-HO KIM	06/10/2019

RECEIVING PARTY DATA

Name:	MERCK PATENT GMBH
Street Address:	FRANKFURTER STRASSE 250
City:	DARMSTADT
State/Country:	GERMANY
Postal Code:	64293

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16347847

CORRESPONDENCE DATA

Fax Number: (302)351-6938

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.

Phone: 302-467-4200

Email: jamie.jensen-smith@dbr.com

Correspondent Name: DRINKER BIDDLE & REATH LLP (WM) Address Line 1: 222 DELAWARE AVENUE, STE. 1410 Address Line 4: WILMINGTON, DELAWARE 19801-1621

ATTORNEY DOCKET NUMBER:	074025-0590-US-588998
NAME OF SUBMITTER:	CLAUDIA SCHULTZE
SIGNATURE:	/Claudia Schultze/
DATE SIGNED: 08/20/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 050102 FRAME: 0875

505629972



	ATION (37 CFR 1.63) FOR UTILITY OR DI APPLICATION DATA SHEET (37 CFR 1.	ESIGN APPLICATION USING AN 76) AND ASSIGNMENT		
Title of Invention	COMPOUNDS FOR ELECTRONIC DEVICES			
As the below nar	ned Inventor, I hereby declare that:			
This declaration				
is directed to:				
The above-identi	The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
WHEREAS, Mer Germany	WHEREAS, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany			
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;				
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the international Convention and other relevant international Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.				
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behavior of said ASSIGNEE(S), its (his) successors and assigns, 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 me had this Assignment and sale not been made.				
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful caths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.				
I hereby ackn U,S.C. 1001 by fi	owledge that any willful false statement made in new or imprisonment of not more than five (5) year	n this declaration is punishable under 18 rs, or both.		
LEGAL NAME OF INVENTOR				
Inventor: Teres	a Mujica-Fernaud	Date: 07.05.2019		
				

	RATION (37 CFR 1.63) FOR UTILITY OR D APPLICATION DATA SHEET (37 CFR 1.	ESIGN APPLICATION USING AN 76) AND ASSIGNMENT		
Title of Invention	COMPOUNDS FOR ELECTRONIC DEVICES			
As the below n	amed Inventor, I hereby declare that:			
This declaration	This declaration [] The attached application, or			
is directed to:				
The above-ide	ntified application was made or authorized to be m	ade by me.		
I believe that I	am the original inventor or an original joint inventor	of a claimed invention in the application.		
WHEREAS, M Germany	erck Patent GmbH having a place of business at:	Frankfurter Strasse 250, 64293 Darmstadt,		
(hereinafter ref	erred to as "ASSIGNEE(S)")			
is desirous of a Patent that ma and all foreign	acquiring the entire right, title and interest in and t by be granted therefore in the United States an a countries;	o said invention and in and to any Letters d its territorial possessions and in any		
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.				
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, 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 me had this Assignment and sale not been made.				
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns; to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME	OF INVENTOR	.,.		
Inventor: Rém	ii Anémian	Date: 06.05.49		
Signature:				

DECLAF	RATION (37 CFR 1.63) FOR UTILITY OR DE APPLICATION DATA SHEET (37 CFR 1. 1	ESIGN APP 76) AND AS	LICATION U	ISING AN
Title of Invention	COMPOUNDS FOR ELECTRONIC DEVICES			
As the below n	amed inventor, I hereby declare that:			
This declaration	[] The attached application, or			
is directed to: [x] United States application or PCT international application number PCT/EP2017/078262 filed on November 6, 2017.				
The above-ider	ntified application was made or authorized to be ma	ade by me.		
believe that a	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
WHEREAS, Mo Germany	erck Patent GmbH having a place of business at: F	Frankfurter S	trasse 250, 64	293 Darmstadt,
is desirous of a Patent that ma	(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries:			
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged. I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.				
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, 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 me had this Assignment and sale not been made.				
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME OF INVENTOR				
Inventor: Hyec	n-Hui Kang	Date: /	5. June	2019
ž				2000

Signature:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Title of COMPOUNDS FOR ELECTRONIC DEVICES Invention As the below named Inventor, I hereby declare that: This declaration [] The attached application, or is directed to: [x] United States application or PCT international application number PCT/EP2017/078262 filed on November 6, 2017. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany (hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries: NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions. reissues, continuations, substitutions and renewals thereof. I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, 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 me had this Assignment and sale not been made. Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S) make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR

716 AZ

Inventor: Il Jung

Signature:

PATENT REEL: 050102 FRAME: 0880

Date: April 30, 2019

	ATION (37 CFR 1.53) FOR UTILITY OR DE APPLICATION DATA SHEET (37 CFR 1, 1			
Title of Invention	COMPOUNDS FOR ELECTRONIC DEVICES			
************************	ned Inventor, I hereby declare that:			
This declaration				
is directed to:				
The above-identi	fied application was made or authorized to be ma	ade by me.		
I believe that I an	n the original inventor or an original joint inventor	of a claimed invention in the application.		
WHEREAS, Mer Germany	ck Patent GmbH having a place of business at: I	Frankfurter Strasse 250, 64293 Darmstadt,		
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;				
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.				
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME O	FINVENTOR			
Inventor: Jun-H	o Kim	Date: JUNE 10, 2019		
Signature: //z	En Lan			

RECORDED: 08/20/2019