07/13/2017 504454719

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4501420

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIPP STOESSEL	06/20/2016
ARNE BUESING	06/20/2016
DOMINIK JOOSTEN	06/20/2016

RECEIVING PARTY DATA

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City:	DARMSTADT
State/Country:	GERMANY
Postal Code:	64293

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15633051

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ASHLEY PEZZNER, ESQUIRE Correspondent Name: Address Line 1: DRINKER BIDDLE & REATH LLP

Address Line 2: 222 DELAWARE AVENUE, SUITE 1410

Address Line 4: WILMINGTON, DELAWARE 19801

ATTORNEY DOCKET NUMBER:	074025-0311-02-564230
NAME OF SUBMITTER:	ASHLEY PEZZNER
SIGNATURE:	/ASHLEY PEZZNER/
DATE SIGNED:	07/13/2017

Total Attachments: 3

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> **PATENT** REEL: 043177 FRAME: 0861 504454719

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1, 76) AND ASSIGNMENT		
Title of MATERIALS 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 15/153,185 filed on May 12, 2016		
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: F Germany	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 heraby acknowledged, I, by these presents do easign 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 latters Palent 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, relissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Potent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Petent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, this and interest in and to the same, for the sole use and behopf 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, renewel and relasue 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 toreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1801 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Inventor: Philipp Stoessel	Date: 10 - 20 - 20 - 14	
Signature:		

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 78) AND ASSIGNMENT		
Title of	MATERIALS FOR ELECTRONIC DEVIC	8) and assignment ES
Invention		
3	arried Inventor, I hereby declars that:	
I This declaration	i i managaran apparanti a	
ls directed to:	[x] United States application or PCT internation May 12, 2016	
The above-iden	itified application was made or authorized to be mad	de by me.
I believe that I a	im the original inventor or an original joint inventor o	of a claimed invention in the application.
WHEREAS, Me Germany	arck Patent GmbH having a place of business at: Fr	rankfurter 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 aloresaid application) and the entire right, title and interest in and to any and all Letters Patern 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 renewels thereof.		
I hereby authorize and request the Palant Office Officials in the United States and its territorial possessions and any and all foreign countries to lesue 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 jawful 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		
	A	
Inventor: Ame 8	luesing	Date: 20 6 20/16
Signature:		

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DECLARATION (37 CFR 1.63) FOR UTILITY OR APPLICATION DATA SHEET (37 CFR	1. 76) AND ASSIGNMENT
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As the below named Inventor, I hereby declare that:	
This declaration [] The attached application, or	
on May 12, 2016	rnational application number 15/153,185 filed
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 inven	tor of a claimed invention in the application,
WHEREAS, Merck Patent GmbH having a place of business a Germany	at: Frankfurter Strasse 250, 64293 Darmstadt,
(hereinafter reterred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in an Patent that may be granted therefore in the United States and all foreign countries;	d to said invention and in and to any Letters and its territorial possessions and in any
NOW, THEREFORE, for good and valuable consideral hereby acknowledged. I, by these presents do assign and to exclusive right to the said invention in the United States and countries (including the right to deal priority under the term relevant International Treaties and Arrangements from the title and interest in and to any and all Letters Patent which rand its territorial possessions and in any and all foreign co refeaters, continuations, substitutions and renewals thereof.	I is territorial possessions and in all foreign s of the international Convention and other aforesaid application) and the entire right
I hereby authorize and request the Patent Office Office possessions and any and all foreign countries to issue any a to said ASSIGNEE(S) as the assignee of my entire right, the sole use and behoof of said ASSIGNEE(S), its this suterm for which said Letters Patent may be granted, as fully held by me had this Assignment and sale not been made.	nd all of said Letters Patent, when granted, title and interest in and to the same, for the same for the same of t
Further, I agree that I will communicate to said ASSIGN known to me respecting said invention, and testify in any execute all divisional, continuation, substitute, renewal and assignment papers to cause any and all of said Letters Pamake all rightful paths, and, generally do everything posuccessors and assigns, to obtain and enforce proper prote and its territorial possessions and in any and all foreign countries.	legal proceeding, sign all lawful papers, ressue applications, execute all necessary itent to be issued to said ASSIGNEE(S), solide to said assignment(s) in the literal States and said assignment in the literal States and said said said said said said said sai
I hereby acknowledge that any willful false statement mad U.S.C. 1001 by fine or imprisonment of not more than five (5) y	is in this declaration is punishable under 18 ears, or both.
LEGAL NAME OF INVENTOR	
Inventor: Dominik Joosten	Date: 20.06.2016
Signature.	

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PATENT REEL: 043177 FRAME: 0864

RECORDED: 07/13/2017