506001775 04/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6048485

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUTAKA MANABE	02/20/2020
BRIGITTE SCHULER	03/04/2020
CONSTANZE BROCKE	02/25/2020

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:	16644757

CORRESPONDENCE DATA

Fax Number: (703)243-6410

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: 703-243-6333
Email: mail@mwzb.com

Correspondent Name: MILLEN, WHITE, ZELANO & BRANIGAN-AEW

Address Line 1: 2200 CLARENDON BLVD.

Address Line 2: SUITE 1400

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	MERCK-4924
NAME OF SUBMITTER:	ASHLEY BROOKSHIRE
SIGNATURE:	/Ashley Brookshire/
DATE SIGNED:	04/06/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 506001775 REEL: 052322 FRAME: 0570

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PATENT REEL: 052322 FRAME: 0571

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	COMPRISING THE SAME
As the below nam	ed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number PCT/EP2018/073795 filed on September 5 , 2018
The above-identifi	led 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.
AND WHEREAS	
all patent(s) listed	MERCK PATENT GMBH FRANKFURTER STRASSE 250 64293, DARMSTADT, GERMANY d to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.
ASSIGNOR herebright, title and all Letters Patt thereof, and in and to accrue with respinvention, SAID A including any and which may be grarright to sue for dararising from or apprenewals, reissues, representatives, in	VITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive rest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any ent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or sect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said aSSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent ated therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and if the assignment had not been made.
AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.	
AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.	
The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document. IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR	
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. I consent to the publication, and retention for purposes of obtaining a patent, of the information herein.	
LEGAL NAME OF	
Signature:	sutaka MANABE Date: 20, 2, 2020

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 22201 TELEPHONE: 703.243.6333 | Fax: 703.243.6410

EMAIL: MAIL@MWZB.COM

DOCKET NO.: MERCK-4924

PATENT REEL: 052322 FRAME: 0572

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

A patent, of the information herein. LEGAL NAME OF INVENTOR Inventor: Brigitte SCHULER Date: 4. 7. 20	Title of Invention	LIQUID-CRYSTALLINE MEDIUM AND LIQUID-CRYSTAL DISPLAY COMPRISING THE SAME
United States Application or PCT International Application number PCT/EP2018/073795 filed on September 5, 2018 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. AND WHEREAS MERCK PATENT GMBH FRANKFURTER STRASSE 250 64293, DARMSTADT, GERMANY hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all patent(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, including any and all carlier priority rights (U.S. and foreign), divisions and continuations thereof, including any and all renewals, reissues, reexaminations and extensions thereof. NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights mention and patent, including any and all renewals reissues and enjoy said invention and patent, including any and all renewals reissues search and enjoy said invention and patent, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereo, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for da	As the below nam	ned inventor, I hereby declare that:
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inventor: Brigitte SCHULER Date: 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	the or imprisonment of not more than five (5) years, or both. I consent to the publication, and retention for purposes of obtaining a patent, of the information herein.	
77 7 G		
	Signature:	Date: 4. 1. W

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 22201 TELEPHONE: 703,243,6333 | Fax: 703,243,6410

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Title of Invention	COMPRISING THE SAME
As the below nam	ned inventor, I hereby declare that:
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LEGAL NAME O	The same of the sa
Inventor: C	onstanze BROCKE Date: CS ! CC
Signature:	Garage Book

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
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