

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7673677

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QIONG TONG	11/01/2022
ROCCO FORTTE	04/04/2022
HELMUT HAENSEL	02/24/2022
EDWARD PLUMMER	03/12/2022
TIMO UEBEL	01/17/2022
OLIVER HEPPERT	03/10/2022
RECEIVING PARTY DATA	
Name:	MERCK KGAA
Street Address:	FRANKFURTER STRASSE 250
City:	DARMSTADT
State/Country:	GERMANY
Postal Code:	64293
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17299975
CORRESPONDENCE DATA	
Fax Number:	(703)243-6410
<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>	
Phone:	7032436333
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-5025
NAME OF SUBMITTER:	ASHLEY BROOKSHIRE
SIGNATURE:	/Ashley Brookshire/
DATE SIGNED:	12/02/2022

Total Attachments: 7

source=1_MERCK-5025-ASSIGNMENT#page1.tif

source=1_MERCK-5025-ASSIGNMENT#page2.tif

source=1_MERCK-5025-ASSIGNMENT#page3.tif

source=1_MERCK-5025-ASSIGNMENT#page4.tif

source=1_MERCK-5025-ASSIGNMENT#page5.tif

source=1_MERCK-5025-ASSIGNMENT#page6.tif

source=1_MERCK-5025-ASSIGNMENT#page7.tif

PATENT ASSIGNMENT

WHEREAS, I/we, **Qiong Tong, Rocco Fortte, Helmut Haensel, Edward Plummer, Timo Uebel and Oliver Heppert**, have made an invention, which invention is described in an application for Letters Patent titled **"POLYMISERABLE COMPOUNDS AND THE USE THEREOF IN LIQUID-CRYSTAL DISPLAYS"**; filed in the **European Patent Office as Receiving Office**, assigned Patent Application No.: **PCT/EP2019/083644** and accorded Filing Date of **December 4, 2019**; and

WHEREAS, **Merck KGaA**, of Frankfurter Strasse 250, 64293 Darmstadt, a corporation with general partners organized and existing under the laws of Germany (hereinafter "Company") is desirous of acquiring, and entitled by agreement, contract, or operation by law, to acquire the entire right, title and interest in and to the invention and in and to the application and any Letters Patent that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned have sold, assigned and transferred, and do hereby sell, assign and transfer unto Company, its lawful successors and assigns, the full, exclusive and worldwide right to the invention and the entire right, title and interest in, to and under the application and any and all Letters Patent(s) that may be granted on the application, any and all priority applications and Letters Patent thereof, and any and all applications and Letters Patent claiming priority to the application, including any and all divisions or continuations thereof, any and all renewals, substitutes, reissues, reexaminations and extensions thereof, in the United States of America, in the territorial possessions of the United States of America, and equivalents thereto in any country foreign to the United States of America, including full right to claim for any such applications all benefits and priority rights under any applicable convention, the same to be held and enjoyed by Company, its lawful successors and assigns as fully and entirely as the same would have been held by the undersigned had this assignment not been made.

The undersigned hereby authorize and request the Commissioner of Patent and Trademarks of the United States of America and respective Patent Office officials in any country foreign to the United States of America to issue said Letters Patent to Company as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize Company to apply for Letters Patent in the undersigned name(s) or in Company's name, as Company in its sole discretion sees fit, utilizing any benefits which may exist under any International Agreement, in any country.

The undersigned hereby agree for ourselves and for our heirs, executors and administrators, to execute any lawful document and to testify as to any material fact or thing which Company, its lawful successors, assigns and legal representatives may deem necessary in order to secure unto itself, its lawful successors and assigns the full right, title and interest in and to, and the full enjoyment of, the invention or any part thereof, the applications and any and all Letters Patent, the same to be done without any further consideration.

The undersigned hereby warrant and represent that I/we have not entered, nor will enter, into any assignment, contract, or understanding in conflict herewith.

IN TESTIMONY WHEREOF, I hereby set my hand this 01 day of Nov, 2022

Inventor Signature: [Signature]
Inventor Name: Qiong Tong

Witness 1:

I attest that on this day **Qiong Tong** did sign above in my presence of his/her own free will.

Witness Signature: [Signature]

Witness Name: Nils Koenen

Date: 01.11.2022

Witness 2:

I attest that on this day **Qiong Tong** did sign above in my presence of his/her own free will.

Witness Signature: [Signature]

Witness Name: ELIZABETH LEKHA KIETZKE

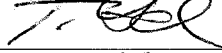
Date: 01.11.2022

IN TESTIMONY WHEREOF, I hereby set my hand this 4th day of 04, 2022

Inventor Signature: 
Inventor Name: **Rocco Fortte**

Witness 1:

I attest that on this day **Rocco Fortte** did sign above in my presence of his/her own free will.

Witness Signature: 

Witness Name: Timo Uebel

Date: 04.04.2022

Witness 2:

I attest that on this day **Rocco Fortte** did sign above in my presence of his/her own free will.

Witness Signature: 

Witness Name: Lisa-Marie Feldmann

Date: 04.04.2022

IN TESTIMONY WHEREOF, I hereby set my hand this 24 day of Feb, 2022.

Inventor Signature: _____

Inventor Name: _____

Helmut Haensel

Witness 1:

I attest that on this day **Helmut Haensel** did sign above in my presence of his/her own free will.

Witness Signature: _____

Witness Name: _____

Rasa Beinoravičiūtė

Date: _____

2022-02-24

Witness 2:

I attest that on this day **Helmut Haensel** did sign above in my presence of his/her own free will.

Witness Signature: _____

Witness Name: _____

Monika Zolner

Date: _____

2022-02-24

IN TESTIMONY WHEREOF, I hereby set my hand this 12 day of 3, 2022


Inventor Signature: 

Inventor Name:

Edward Plummer

Witness 1:

I attest that on this day **Edward Plummer** did sign above in my presence of his/her own free will.

Witness Signature: 

Witness Name:

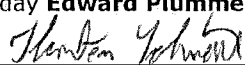
TINA LUEDECKE

Date:

12. March 2022

Witness 2:

I attest that on this day **Edward Plummer** did sign above in my presence of his/her own free will:

Witness Signature: 

Witness Name:

THORSTEN SCHNEIDER

Date:

12. March 2022

IN TESTIMONY WHEREOF, I hereby set my hand this 17 day of 01, 2022.

Inventor Signature: T. Uebel
Inventor Name: **Timo Uebel**

Witness 1:

I attest that on this day **Timo Uebel** did sign above in my presence of his/her own free will.

Witness Signature: A. Ritter

Witness Name: Andrea Ritter

Date: 17.01.2022

Witness 2:

I attest that on this day **Timo Uebel** did sign above in my presence of his/her own free will.

Witness Signature: Ramin Tavaloli

Witness Name: Ramin Tavaloli

Date: 17.01.2022

IN TESTIMONY WHEREOF, I hereby set my hand this 10 day of 03, 2022.

Inventor Signature: 
Inventor Name: **Oliver Heppert**

Witness 1:

I attest that on this day **Oliver Heppert** did sign above in my presence of his/her own free will.

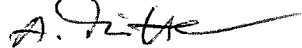
Witness Signature: 

Witness Name: Thorsten Kodelk

Date: 10.03.2022

Witness 2:

I attest that on this day **Oliver Heppert** did sign above in my presence of his/her own free will.

Witness Signature: 

Witness Name: Andrea Riber

Date: 10.03.2022