

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7379438

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RACHEL TUFFIN	05/23/2022
MARCUS REUTER	04/26/2022
MATTHIAS BREMER	05/04/2022
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:	17415833
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:	703-243-6333
Email:	docketing@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-5049
NAME OF SUBMITTER:	ASHLEY BROOKSHIRE
SIGNATURE:	/Ashley Brookshire/
DATE SIGNED:	06/13/2022
Total Attachments: 4	
source=1_MERCK-5049_ASSIGNMENT#page1.tif	
source=1_MERCK-5049_ASSIGNMENT#page2.tif	
source=1_MERCK-5049_ASSIGNMENT#page3.tif	

PATENT ASSIGNMENT

WHEREAS, I/we, **Rachel Tuffin, Marcus Reuter and Matthias Bremer**, have made an invention, which invention is described in an application for Letters Patent titled "**LIQUID-CRYSTAL MEDIUM**"; filed in the **European Patent Office as Receiving Office**, assigned Patent Application No.: **PCT/EP2019/086015** and accorded Filing Date of **December 18, 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 23 day of 05, 2022

Inventor Signature: 
Inventor Name: Rachel Tuffin

Witness 1:

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

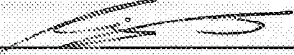
Witness Signature: 

Witness Name: Stefan Pfannmüller

Date: 23.05.2022

Witness 2:

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

Witness Signature: 

Witness Name: Simon Siemianowski

Date: 23/05/2022

IN TESTIMONY WHEREOF, I hereby set my hand this 26 day of April 2022

Inventor Signature: [Signature]
Inventor Name: **Marcus Reuter**

Witness 1:

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

Witness Signature: [Signature]

Witness Name: DAVID TULL

Date: 26.04.2022

Witness 2:

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

Witness Signature: [Signature]

Witness Name: Kubra Aydin

Date: 26.04.2022

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

Inventor Signature: [Signature]
Inventor Name: **Matthias Bremer**

Witness 1:

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

Witness Signature: [Signature]

Witness Name: BIRGIT SCHEUFLEER

Date: 4.5.22

Witness 2:

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

Witness Signature: [Signature]

Witness Name: [Signature]

Date: 4.5.22