504413200 06/14/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MILLIPORE SAS	01/12/2017

RECEIVING PARTY DATA

Name:	EMD MILLIPORE CORPORATION
Street Address:	290 CONCORD ROAD
City:	BILLERICA
State/Country:	MASSACHUSETTS
Postal Code:	01821

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15119987

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:** TIMIKA SNOWDEN

Address Line 1: MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Address Line 2: 2200 CLARENDON BLVD., SUITE 1400

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	MERCK-4498
NAME OF SUBMITTER:	TIMIKA SNOWDEN
SIGNATURE:	/Timika Snowden/
DATE SIGNED:	06/14/2017

Total Attachments: 2

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> **PATENT** REEL: 042707 FRAME: 0327 504413200

PATENT ASSIGNMENT

WHEREAS, MILLIPORE SAS, a corporation organized and existing under the laws of France, having a place of business at 39 Route industrielle de la Hardt, 67120 Molsheim, France, (hereinafter "Assignor"), is the owner by a lawfully executed Assignment of all rights, title and interest in an invention(s), which invention is described in an application for Letters Patent titled "A METHOD OF DETECTION A MICROORGANISM IN A SAMPLE BY A FLUORESCENCE BASED DETECTION METHOD", filed in the US Patent [and Trademark] Office, assigned Patent Application No.: 15/119,987 and accorded Filing Date of August 18, 2016; and

WHEREAS, Assignor and EMD MILLIPORE CORPORATION, of 290 Concord Road, Billerica Massachusetts 01821, USA, a corporation organized and existing under the laws of the STATE OF MASSACHUSETTS (hereinafter "EMD MILLIPORE") have entered into a research and development cost sharing agreement ("Agreement") and all intellectual property developed under such Agreement shall be held in the name of EMD MILLIPORE;

Now, Therefore, pursuant to the above Agreement, we, the undersigned parties on behalf of Assignor do hereby sell, assign and transfer unto EMD MILLIPORE, 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(s) and any and all Letters Patent(s) that may be granted on the application(s), any and all applications and Letters Patent claiming priority to the application(s), including any and all divisions or continuations thereof, any and all renewals, reissues, reexaminations and extensions thereof, in the United States of America, in the territorial possessions of the United States of America, and in any country foreign to the United States of America, the same to be held and enjoyed by EMD MILLIPORE, its lawful successors and assigns as fully and entirely as the same would have been held by Assignor had this assignment not been made.

And we 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 EMD MILLIPORE as the assignee of our entire right, title and interest in, to and under the same, and we hereby further authorize EMD MILLIPORE to apply for Letters Patent in our name or in its own name, as it in its sole discretion sees fit, utilizing any benefits which may exist under any International Agreement, in any country.

And we do 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 EMD MILLIPORE, its lawful successors, assigns and legal representatives may deem necessary in order to secure unto

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itself, its 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.

IN WITNESS WHEREOF, I hereby set my hand and affix my seal on behalf of Millipore SAS this 12 day of
Witness Signature: Kieffy Witness Name: Flore Kieffy Date: 12 the former 2017
IN WITNESS WHEREOF, I hereby set my hand and affix my seal on behalf of Millipore SAS this
Witness Signature: Ki effect Witness Name: Flore Kieffect Date: 12 th Governo 2017