

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5428039

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1

**CONVEYING PARTY DATA**

Name	Execution Date
LEXMARK INTERNATIONAL INC.	02/07/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	MICROFLUIDIC MEMS SOLUTION, LLC
<b>Street Address:</b>	2201 CHESAPEAKE CT
<b>City:</b>	LEXINGTON
<b>State/Country:</b>	KENTUCKY
<b>Postal Code:</b>	40513

**PROPERTY NUMBERS Total: 7**

Property Type	Number
Patent Number:	8814293
Patent Number:	8891949
Patent Number:	9267497
Patent Number:	9553302
Patent Number:	D697605
Patent Number:	9387478
Patent Number:	9364833

**CORRESPONDENCE DATA**

Fax Number: (859)201-1315

*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.*

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<b>ATTORNEY DOCKET NUMBER:</b>	1124.3
<b>NAME OF SUBMITTER:</b>	JAMES M. FRANCIS
<b>SIGNATURE:</b>	/jim francis/

PATENT

<b>DATE SIGNED:</b>	03/19/2019
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**Total Attachments: 3**  
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EXHIBIT A

ASSIGNMENT OF PATENT[S]

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Lexmark International, Inc, a Delaware Corporation, having a place of business at 740 W. New Circle Road, Lexington, KY 40550 ("Seller"), hereby sells, assigns, transfers, and conveys to Microfluidic MEMS Solution, LLC, having a place of business at 2201 Chesapeake Court, Lexington, KY 40513 ("Buyer"), pursuant to the Patent Acquisition Agreement dated as of February 1, 2019, by and between Seller and Buyer, all of Seller's right, title, and interest in and to the patents set forth on Schedule 1, attached hereto and incorporated by this reference herein, together with all claims and causes of action with respect to any of the foregoing, including without limitation all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, breach, or default, and all other rights, privileges, and protections of any kind whatsoever of Seller accruing under any of the foregoing provided by any applicable law, treaty, or other international convention.

Seller hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this Assignment of Patents upon request by Buyer.

IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be executed on this 7th day of February, 2019 by its duly authorized officer.

Lexmark International, Inc.

By: Neill R. Kahle  
Name: Neill R. Kahle  
Title: Deputy General Counsel and Chief IP Counsel

ACKNOWLEDGMENT

Commonwealth of Kentucky )  
 ) ss.  
COUNTY OF FAYETTE )

On the 7 day of Feb, 2019, before me personally appeared Neill R. Kahle, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument, who, being duly sworn, did depose and say that [he/she] executed the same [in [his/her] authorized capacity as the Deputy General Counsel and Chief Intellectual Property Counsel of Lexmark International, Inc., and acknowledged the instrument to be [his/her] free act and deed/the free act and deed of Lexmark International, Inc. for the uses and purposes mentioned in the instrument.

Terrie Tjeden  
Notary Public



My Commission Expires: 9/22/2019

Printed Name: TERRE TEEDA

AGREED TO AND ACCEPTED:

Microfluidic MEMS Solution, LLC

By: [Signature]  
Name: YIMIN GUAN  
Title: CEO

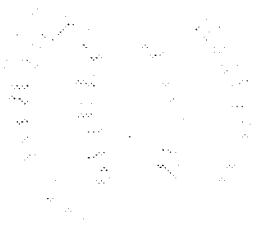
**ACKNOWLEDGMENT**

Commonwealth of Kentucky )  
COUNTY OF FAYETTE ) ss.  
)

On the 7 day of Feb, 2019, before me personally appeared Yimin Guan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument, who, being duly sworn, did depose and say that [he/she] executed the same in [his/her] authorized capacity as the Chairman and CEO of Microfluidic MEMS Solution, LLC, and acknowledged the instrument to be [his/her] free act and deed/the free act and deed of Microfluidic MEMS Solution, LLC for the uses and purposes mentioned in the instrument.

[Signature]  
Notary Public  
Printed Name:

My Commission Expires: 9/22/2019



**SCHEDULE I****Acquired Patents**

<b>Title</b>	<b>Jurisdiction</b>	<b>Patent Number</b>	<b>Issue Date</b>	<b>Record Owner</b>
On-Chip Fluid Recirculation Pump for Micro-fluid Applications	United States	8,814,293	August 26, 2014	Lexmark International, Inc.
Micro-Fluidic Pump	United States	8,891,949	November 18, 2014	Lexmark International, Inc.
Micro-Fluidic Pump	United States	9,267,497	February 23, 2016	Lexmark International, Inc.
Fluid Cartridge and System for Dispensing Fluid	United States	9,553,302	January 3, 2017	Lexmark International, Inc.
Fluid Dispenser	United States	D697,605	January 14, 2014	Lexmark International, Inc.
Micro-Fluidic Modules on Chip for Diagnostic Applications	United States	9,387,478	July 12, 2016	Lexmark International, Inc.
Micro-Fluidic Modules on Chip for Diagnostic Applications	United States	9,364,833	June 14, 2016	Lexmark International, Inc.

**PATENT**