505892410 01/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5939111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAIS J. JEBRAIL	08/11/2016
IRENA BARBULOVIC-NAD	08/10/2016
LORENZO GUTIERREZ	08/16/2016
FOTEINI CHRISTODOULOU	08/09/2016

RECEIVING PARTY DATA

Name:	MIROCULUS INC.	
Street Address:	458 BRANNAN STREET	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94107	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16523876

CORRESPONDENCE DATA

Fax Number: (650)212-7562

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: 6502121700

Email: jnguyen-perez@shayglenn.com, info@shayglenn.com

SHAY GLENN LLP **Correspondent Name:**

2929 CAMPUS DR., SUITE 225 Address Line 1: Address Line 4: SAN MATEO, CALIFORNIA 94403

ATTORNEY DOCKET NUMBER:	13174-703.300
NAME OF SUBMITTER:	PEGGY A. RADEL
SIGNATURE:	/Peggy A. Radel, Reg. No. 57,258/
DATE SIGNED:	01/30/2020

Total Attachments: 9

source=13174-703.300 Assignment#page1.tif source=13174-703.300 Assignment#page2.tif source=13174-703.300 Assignment#page3.tif

> **PATENT** REEL: 051678 FRAME: 0001 505892410

source=13174-703.300 Assignment#page4.tif	
source=13174-703.300 Assignment#page5.tif	
source=13174-703.300 Assignment#page6.tif	
source=13174-703.300 Assignment#page7.tif	
source=13174-703.300 Assignment#page8.tif	
source=13174-703.300 Assignment#page9.tif	

PATENT REEL: 051678 FRAME: 0002

SG DOCKET NO.: 13174-703.300

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET **PATENTS ONLY**

PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT ORIGINAL DOCUMENTS OR COPY THEREOF.	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
Name of conveying party(ies):	2. Name and address of receiving party(ies):
 (1) Mais J. JEBRAIL (2) Irena BARBULOVIC-NAD (3) Lorenzo GUTIERREZ (4) Foteini CHRISTODOULOU Additional name(s) of conveying party(ies) attached? Yes No 	Name: mirOculus Inc. 458 Brannan Street San Francisco, CA 94107
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
EXECUTION DATE(S): (1) 08/11/2016, (2) 08/10/2016, (3) 08/16/2016, (4) 08/09/2016	Country: Additional name(s) & address(es) attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	ne execution date of the application is:
A. Patent Application No.(s) – 16/523,876	B. Patent No.(s)
Title: AIR-MATRIX DIGITAL MICROFLUIDICS APPARATUSES AND METHODS FOR LIMITING EVAPORATION AND SURFACE FOULING	
Additional num	bers attached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Peggy A. Radel Shay Glenn LLP 2755 Campus Drive, Suite 210	
San Mateo, CA 94403	7. Total fee (37 CFR 1.21(h)(1)): \$0.00
	None required. Please charge fees to Deposit Account No. 50-4050.
DO NOT USE T	HIS SPACE
9. Statement and signature	
8. Statement and signature. To the best of my knowledge and belief the foregoing information.	on is true and correct and any attached copy is a true copy of the
original document.	on is true and correct and any attached copy is a true copy of the
Peggy A. Radel, Reg. No. 57,258/Peg	ggy A. Radel/ January 30, 2020
Name of Person Signing	Signature Date
Total number of pages including cover sheet, attachments, and document	ts: 9

SG Docket No.:

13174-703.600

This Assignment of Patent Application is between:

Mais J. JEBRAIL of Toronto, CANADA;

Irena BARBULOVIC-NAD of Toronto, CANADA;

Lorenzo GUTIERREZ of North York, CANADA; and

Foteini CHRISTODOULOU of San Francisco, CA,

(hereinafter referred to as "Inventor") and

mirOculus Inc., a corporation of the State of Delaware, having a place of business at 953 Indiana Street, San Francisco, CA, 94107, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"AIR-MATRIX DIGITAL MICROFLUIDICS APPARATUSES AND METHODS FOR LIMITING EVAPORATION AND SURFACE FOULING"

for which an International application was filed on **June 6**, **2016**, Application No. **PCT/US2016/036015**.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the

SG Docket No.:

13174-703.600

said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

August 11, 2016	M
Date	Mais J. JEBRAIL
Date	Irena BARBULOVIC-NAD
Date	Lorenzo GUTIERREZ
Date	Foteini CHRISTODOULOU

SG Docket No.:

13174-703.600

This Assignment of Patent Application is between:

Mais J. JEBRAIL of Toronto, CANADA;

Irena BARBULOVIC-NAD of Toronto, CANADA;

Lorenzo GUTIERREZ of North York, CANADA; and

Foteini CHRISTODOULOU of San Francisco, CA,

(hereinafter referred to as "Inventor") and

mirOculus Inc., a corporation of the State of Delaware, having a place of business at 953 Indiana Street, San Francisco, CA, 94107, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"AIR-MATRIX DIGITAL MICROFLUIDICS APPARATUSES AND METHODS FOR LIMITING EVAPORATION AND SURFACE FOULING"

for which an International application was filed on **June 6, 2016**, Application No. **PCT/US2016/036015**.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the

SG Docket No.:

13174-703.600

said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date	Mais J. JEBRAIL
August 10, 2016 Date	Irena BARBULOVIC-NAD
Date	Lorenzo GUTIERREZ
Date	Foteini CHRISTODOUL OU

SG Docket No.:

13174-703,600

This Assignment of Patent Application is between:

Mais J. JEBRAIL of Toronto, CANADA; Irena BARBULOVIC-NAD of Toronto, CANADA; Lorenzo GUTIERREZ of North York, CANADA; and Foteini CHRISTODOULOU of San Francisco, CA,

(hereinafter referred to as "Inventor") and

mirOculus Inc., a corporation of the State of Delaware, having a place of business at 953 Indiana Street, San Francisco, CA, 94107, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"AIR-MATRIX DIGITAL MICROFLUIDICS APPARATUSES AND METHODS FOR LIMITING EVAPORATION AND SURFACE FOULING"

for which an International application was filed on June 6, 2016, Application No. PCT/US2016/036015.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the

SG Docket No.:

13174-703.600

said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee: $\ \ \,$

Date	Mais J. JEBRAIL
Date	Irena BARBULOVIC-NAD
August 16,2016	Ldrenzo GUTIERREZ
Date	Ldrenzo GUTIFRREZ
Date	Foteini CHRISTODOULOU

SG Docket No.:

13174-703.600

This Assignment of Patent Application is between:

Mais J. JEBRAIL of Toronto, CANADA;

Irena BARBULOVIC-NAD of Toronto, CANADA;

Lorenzo GUTIERREZ of North York, CANADA; and

Foteini CHRISTODOULOU of San Francisco, CA,

(hereinafter referred to as "Inventor") and

mirOculus Inc., a corporation of the State of Delaware, having a place of business at 953 Indiana Street, San Francisco, CA, 94107, (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"AIR-MATRIX DIGITAL MICROFLUIDICS APPARATUSES AND METHODS FOR LIMITING EVAPORATION AND SURFACE FOULING"

for which an International application was filed on **June 6, 2016**, Application No. **PCT/US2016/036015**.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the

ASSIGNMENT OF PATENT APPLICATION SG Docket No.: 13174-703.600

said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date	Mais J. JEBRAIL
Date	Irena BARBULOVIC-NAD
Date	Lorenzo GUTIERREZ
August 9th 2016	
Date	Foteini CHRISTODOULOU

Page 2 of 2