## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5147420

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DIEGO GABRIEL DUPOUY	08/15/2018
ATA TUNA CIFTLIK	08/02/2018
MARTIN GIJS	08/07/2018
PIERRE JORIS	08/06/2018

### **RECEIVING PARTY DATA**

Name:	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
Street Address:	EPFL-TTO, EPFL INNOVATION PARK J
City:	LAUSANNE
State/Country:	SWITZERLAND
Postal Code:	CH-1015

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16086330

### **CORRESPONDENCE DATA**

Fax Number: (703)816-4100

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: 703-816-4000

Email: PTOMAIL@nixonvan.com

**Correspondent Name:** DUANE M. BYERS

Address Line 1: NIXON & VANDERHYE, PC

Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	DMB-6152-8
NAME OF SUBMITTER:	DUANE M. BYERS
SIGNATURE:	/DUANE M. BYERS/
DATE SIGNED:	09/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

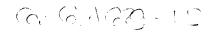
**Total Attachments: 4** 

**PATENT REEL: 046905 FRAME: 0766** 

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PATENT REEL: 046905 FRAME: 0767



Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number	DMB-6152-8
First Named Inventor	DUPOUY Diego Gabriel

# INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **USING AN APPLICATION DATA SHEET (37 CFR 1.76)** Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) MICROFLUIDIC NETWORK DEVICE (Title of the Invention) As a below named inventor, i hereby declare that: This declaration is directed to: the attached application, or United States Application Number filed, or PCT International application number PCT/EP2017/056609 filed on March 21, 2017. The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) (hereinafter ASSIGNEE), an entity, having an office and place of business at EPFL-TTO, EPFL Innovation Park J, Lausanne, Switzerland CH-1015, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention: ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Inventor's Signature: Date: Witnessed by: Name: Signature of witness: Date: 15/08/2018

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Signature of witness:

Doc code: Oath
Document Description: Oath or declaration filed

	Attorney Docket Number	DMB-6152-8
	First Named Inventor	DUPOUY, Diego, Gabriel
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY USING AN APPLICATION DATA		APPLICATION (37 CFR 1.63)
Declaration Submitted With Initial Filing OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	16(f)) required)	
MICROFLUIDIC NETWO		
(Title of the Invent	tion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:  ☐ the attached application, or ☐ United States Application Number filed , or ☐ PCT International application number PCT/EP2017/056609 file	d on <u>March 21, 2017</u> .	
The above-identified application was made or authorized to be made by m	ie.	
I believe I am the original inventor or an original joint inventor of a claimed		
I hereby acknowledge that any willful false statement made in this declarate by fine or imprisonment of not more than five (5) years, or both.	• •	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inver	ntion in the Application ident	tified above.
WHEREAS, ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) (hereinafter ASSIGNEE), an entity, having an office and place of business at EPFL-TTO, EPFL Innovation Park J, Lausanne, Switzerland CH-1015, is desirous of acquiring an interest therein;		
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;		
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and		
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.		
AGREED and executed as noted below:		
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname  Ata  Tuna	;)	OICTI IV
Ata Tuna Inventor's Signature:	Date:	CIFTLIK
	02/08/	2018
Witnessed by: Kim-Yen NGUYEN	<del></del>	

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Date:

02.08.2018

Doc code:	Oath	
Document	Description:	∩at l

ent Description: Oath or declaration filed

Attorney Docket Number DMB-6152-8 First Named Inventor

## DUPOUY, Diego, Gabriel INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **USING AN APPLICATION DATA SHEET (37 CFR 1.76)** Declaration Submitted With Initial Filing Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) MICROFLUIDIC NETWORK DEVICE (Title of the Invention) As a below named inventor. I hereby declare that: This declaration is directed to: the attached application, or United States Application Number filed, or PCT International application number PCT/EP2017/056609 filed on March 21, 2017 The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) (hereinafter ASSIGNEE), an entity, having an office and place of business at EPFL-TTO, EPFL Innovation Park J, Lausanne, Switzerland CH-1015, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention: ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Martin **GIJS** Inventor's Signature: Date: 7.8.2018 Witnessed by: Name: Signature of witness: Date: 78.7W8

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Doc code: Oath

Document Description: Oath or declaration filed		
	Attorney Docket Number	DMB-6152-8
	First Named Inventor	DUPOUY, Diego, Gabriel
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY USING AN APPLICATION DATA		PPLICATION (37 CFR 1.63)
Declaration Submitted With Initial Filing OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.1	6(f)) required)	
MICROFLUIDIC NETWO	ORK DEVICE	
(Title of the Invent	ion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:  ☐ the attached application, or ☐ United States Application Number filed , or ☑ PCT International application number PCT/EP2017/056609 filed	d on <u>March 21, 2017</u>	
The above-identified application was made or authorized to be made by me	<b>)</b> .	
believe I am the original inventor or an original joint inventor of a claimed invention in the application.		
I hereby acknowledge that any willful false statement made in this declarati by fine or imprisonment of not more than five (5) years, or both.	on is punishable under 18 U.s	S.C. 1001
WHEREAS, the undersigned (bereinafter ASSIGNOR), has made an inven	tion in the Application identifie	ed above

WHEREAS, ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) (hereinafter ASSIGNEE), an entity, having an office and place of business at EPFL-TTO, EPFL Innovation Park J, Lausanne, Switzerland CH-1015, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below.	
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or St	urname)
Pierre	JORIS
Inventor's Signature:	Date: 6 08 2018
Name: KiM- YEN NGUYEN	
Signature of witness:	Date: 6 Aug 2014

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT REEL: 046905 FRAME: 0771