PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOE SCHEFFELIN	07/28/2016
DAVE HUNT	07/28/2016
DAVID BURNEY	05/08/2016

RECEIVING PARTY DATA

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State/Country:	ITALY	
Postal Code:	20864	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14311022

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	850163.417
NAME OF SUBMITTER:	HAYLEY J. TALBERT
SIGNATURE:	/Hayley J. Talbert/
DATE SIGNED:	03/08/2021

Total Attachments: 6

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PATENT REEL: 055524 FRAME: 0815

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> PATENT REEL: 055524 FRAME: 0816

ASSIGNMENT

Application Numbers: 14/311,022

Filing Date: June 20, 2014

Applications Country/Region: United States of America

Applications Title: MICROFLUIDIC REFILL CARTRIDGE HAVING A VENT HOLE AND

A NOZZLE PLATE ON SAME SIDE

Assignee: STMICROELECTRONICS S.R.L.

Assignee being a juristic entity of: *Italy*

Assignee's principal place of business: Via C. Olivetti, 2, Agrate Brianza, Italy 20864

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee's representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 30423.

Docket Number: 14-PL-0150US01/850163.417

1

If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

Inventor Name	Residence/Mailing Address	Inventor Signature	Date Signed
Joe SCHEFFELIN	Residence: Poway, CA	45	///
	Mailing Address:		7/27//
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	San Diego, CA 92127		
Dave HUNT	Residence: San Diego, CA		
4.7 (1.4)	Mailing Address: c/o D&K Engineering 15890 Bernardo Center Drive San Diego, CA 92127		<i>x</i>
David BURNEY	Residence: Ramono, CA		
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	Mailing Address:		
	c/o D&K Engineering		
	15890 Bernardo Center Drive		
	San Diego, CA 92127		1

Docket Number: 14-PL-0150US01/850163,417

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Application Numbers: 14/311,022

Filing Date: *June 20, 2014*

Applications Country/Region: United States of America

Applications Title: MICROFLUIDIC REFILL CARTRIDGE HAVING A VENT HOLE AND

A NOZZLE PLATE ON SAME SIDE

Assignee: STMICROELECTRONICS S.R.L.

Assignee being a juristic entity of: Italy

Assignee's principal place of business: Via C. Olivetti, 2, Agrate Brianza, Italy 20864

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

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PATENT REEL: 055524 FRAME: 0819 If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

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Joe SCHEFFELIN	Residence: Poway, CA		
	Mailing Address:		
	c/o D&K Engineering		
	15890 Bernardo Center Drive		
	San Diego, CA 92127		
Dave HUNT	Residence: San Diego, CA		
	Mailing Address: c/o D&K Engineering 15890 Bernardo Center Drive San Diego, CA 92127	DIS Hen	A 7/28/16
David BURNEY	Residence: Ramono, CA		
	Mailing Address: c/o D&K Engineering 15890 Bernardo Center Drive San Diego, CA 92127		

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Applications Title: MICROFLUIDIC REFILL CARTRIDGE HAVING A VENT HOLE AND

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Assignee: STMICROELECTRONICS S.R.L. Assignee being a juristic entity of: Italy

Assignee's principal place of business: Via C. Olivetti, 2, Agrate Brianza, Italy 20864

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PATENT REEL: 055524 FRAME: 0821 If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

Inventor Name	Residence/Mailing Address	Inventor Signature	Date Signed
Joe SCHEFFELIN	Residence: Paway, CA		
	Mailing Address: c/o D&K Engineering 13890 Bernardo Center Drive San Diego, CA 92127		
Dave HUNT	Besidence: San Diego, CA		
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