

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5357941

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANA GRUENBACHER	03/07/2018
UWE SCHOEBER	03/08/2018
STEFAN H. HOLLINGER	03/12/2018
PETER JANOUC	03/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE PROCTER & GAMBLE COMPANY
<b>Street Address:</b>	ONE PROCTER & GAMBLE PLAZA
<b>City:</b>	CINCINNATI
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	45202
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15253601
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)682-6031
<i>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.</i>	
<b>Phone:</b>	2066224900
<b>Email:</b>	reneo@seedip.com
<b>Correspondent Name:</b>	SEED IP LAW GROUP LLP
<b>Address Line 1:</b>	701 FIFTH AVENUE
<b>Address Line 2:</b>	SUITE 5400
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98104
<b>ATTORNEY DOCKET NUMBER:</b>	15PL0693US01/850163.460
<b>NAME OF SUBMITTER:</b>	ZACHARY M. SAKOI
<b>SIGNATURE:</b>	/Zachary M. Sakoi/
<b>DATE SIGNED:</b>	02/04/2019
<b>Total Attachments: 5</b>	
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## G L O B A L   G E N E R A L   A S S I G N M E N T

WHEREAS I, the undersigned inventor herewith declares that I am a joint inventor and I have made certain invention(s), as set forth in the patent application family listed below (including industrial designs and utility models), whether claimed or unclaimed, filed in the United States Patent Office as:

U.S. APPLICATION NO.	U.S. FILING DATE	TITLE	APPLICANT(S)	INVENTOR(S)	ATTORNEY'S DOCKET NO.
62/273,260	December 30, 2015	SEMI-FLEXIBLE SUPPORT	STMicroelectronics, Inc.	Simon Dodd; David S. Hunt; Joseph Edward Scheffelin; and Dana Gruenbacher	15PL0786US01/850163.466P1
15/253,601	August 31, 2016	SUPPORT SUBSTRATES FOR MICROFLUIDIC DIE	STMICROELECTRONICS, INC.; STMICROELECTRONICS INTERNATIONAL N.V.; and STMICROELECTRONICS S.R.L.	Simon Dodd; David S. Hunt; Joseph Edward Scheffelin; Dana Gruenbacher; Dr. Stefan H. Hollinger; Uwe Schober; and Peter Janouch	15PL0693US01/850163.460

Dana GRUENBACHER of One Procter & Gamble Plaza, Cincinnati, Ohio 45202 USA.

I made said invention(s) set forth in said patent applications while employed by, or otherwise under an obligation to assign said invention(s) to The Procter & Gamble Company or one of its Affiliates, and acknowledge my obligation at the time the invention(s) was made to assign said invention(s) to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation (and in the case of employment by or obligation to the Affiliate, at the request of the Affiliate), and/or for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I assign to The Procter & Gamble Company, its legal representatives, successors and assigns, all right, title, and interest, in the United States and throughout the world, in, to and under said invention(s) and all patents, patent applications, patent rights, and inventor's certificates thereof, therefore, and therein, including without limitation said applications, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all patents which may be granted for said invention(s) by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefore (including the right to claim priority of the filing date of said application in the United States and/or under international conventions) (hereinafter referred to as "the Patent Rights"), 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, as fully and completely as the same would have been held by me had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I further agree upon request, without additional compensation but at no expense to me, to execute or assent to any and all applications for said invention(s), and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

5. Gruenbacher Assignment to The Procter & Gamble Company for Set 3 and Set 4

I request and authorize the Commissioner of Patents and Trademarks and/or appropriately empowered officials of foreign countries to issue any and all Patent(s) and/or letters patent(s) which may be granted for said invention(s) herein assigned and as set forth in U. S. Application Serial Numbers listed above to The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said Patent(s).

This GLOBAL GENERAL ASSIGNMENT is effective as of the earlier of 1) the date of execution shown below, or 2) the filing date of the first-filed of said patent application(s).

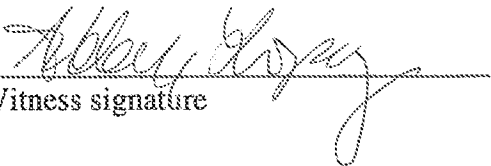
Signed:   
Dana GRUENBACHER

3/7/18  
Date

STATEMENT OF WITNESS:

I, Abbey Lopez (name of witness), declare that I was personally present and did see Dana GRUENBACHER duly sign and execute the above assignment. I make this Statement conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath or affirmation, and with the knowledge that knowingly making false statements herein may be punishable by law.

Abbey Lopez  
Witness printed name

  
Witness signature

## GLOBAL GENERAL ASSIGNMENT

WHEREAS we, the undersigned inventors herewith declare that we are the joint inventors and we have made certain invention(s), as set forth in the patent application family listed below (including industrial designs and utility models), whether claimed or unclaimed, filed in the United States Patent Office as:

U.S. APPLICATION No.	U.S. FILING DATE	TITLE	APPLICANT(S)	INVENTOR(S)	ATTORNEY'S DOCKET NO.
62/273,260	December 30, 2015	SEMI-FLEXIBLE SUPPORT	STMicroelectronics, Inc.	Simon Dodd; David S. Hunt; Joseph Edward Scheffelin; and Dana Gruenbacher	15PL0786US01/850163.466P1
15/253,601	August 31, 2016	SUPPORT SUBSTRATES FOR MICROFLUIDIC DIE	STMICROELECTRONICS, INC.; STMICROELECTRONICS INTERNATIONAL N.V.; and STMICROELECTRONICS S.R.L.	Simon Dodd; David S. Hunt; Joseph Edward Scheffelin; Dana Gruenbacher; Dr. Stefan H. Hollinger; Uwe Schober; and Peter Janouch	15PL0693US01/850163.460

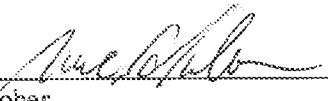
Uwe Schober of Birkenweg 8, 61479 Schlossborn, Germany; Dr. Stefan H. Hollinger of Friedensstrasse 62A, 61476 Kronberg im Taunus, Germany; and Peter Janouch of Messelweg 22, 60488 Frankfurt, Germany.

We made said invention(s) set forth in said patent application while employed by, or otherwise under an obligation to assign said invention(s) to The Procter & Gamble Company or one of its Affiliates, and acknowledge our obligation at the time the invention(s) was made to assign said invention(s) to The Procter & Gamble Company or the Affiliate, respectively. Pursuant to said obligation (and in the case of employment by or obligation to the Affiliate, at the request of the Affiliate), and/or for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, all right, title, and interest, in the United States and throughout the world, in, to and under said invention(s) and all patents, patent applications, patent rights, and inventor's certificates thereof, therefore, and therein, including without limitation said application, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all patents which may be granted for said invention(s) by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefore (including the right to claim priority of the filing date of said application in the United States and/or under international conventions) (hereinafter referred to as "the Patent Rights"), as fully and completely as the same would have been held by us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. We further agree upon request, without additional compensation but at no expense to us, to execute or assent to any and all applications for said invention(s), and to execute all other legal documents as may be necessary or

desirable to vest the enjoyment of the rights assigned to The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct.

We request and authorize the Commissioner of Patents and Trademarks and/or appropriately empowered officials of foreign countries to issue any and all Patent(s) and/or letters patent(s) which may be granted for said invention(s) herein assigned and as set forth in U. S. Application Serial Numbers listed above to The Procter & Gamble Company, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said Patent(s).

This GLOBAL GENERAL ASSIGNMENT is effective as of the earlier of 1) the date of execution shown below, or 2) the filing date of the first-filed of said patent application(s).

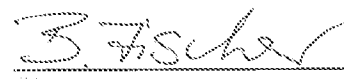
Signed:   
Uwe Schober

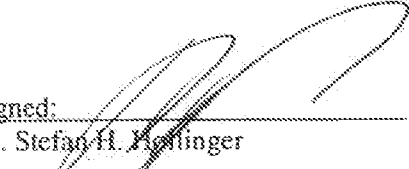
March 8, 2018  
Date

STATEMENT OF WITNESS:

I, Bastian Fischer (name of witness), declare that I was personally present and did see Uwe Schober duly sign and execute the above assignment. I make this Statement conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath or affirmation, and with the knowledge that knowingly making false statements herein may be punishable by law.

Bastian Fischer  
Witness printed name

  
Witness signature

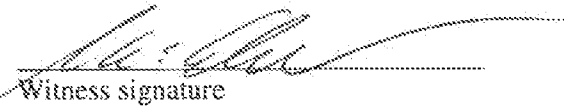
Signed:   
Dr. Stefan H. Hollinger

12/3/18  
Date

STATEMENT OF WITNESS:

I, Uwe Schober (name of witness), declare that I was personally present and did see Dr. Stefan H. Hollinger duly sign and execute the above assignment. I make this Statement conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath or affirmation, and with the knowledge that knowingly making false statements herein may be punishable by law.

Uwe Schober  
Witness printed name

  
Witness signature

7. Janouch, Schober, Hollinger Assignment to PROCTER & GAMBLE Company -- for Set 3 and Set 4 docs

Signed: P. Janouch  
Peter Janouch

14. MAR 2018  
Date

STATEMENT OF WITNESS:

I, Stefan Hollinger (name of witness), declare that I was personally present and did see Peter Janouch duly sign and execute the above assignment. I make this Statement conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath or affirmation, and with the knowledge that knowingly making false statements herein may be punishable by law.

Stefan Hollinger  
Witness printed name

[Signature]  
Witness signature