

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5697624

<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 PAUL GRUENBACHER	08/27/2019
WILLIAM MICHAEL CANNON	08/22/2019
JAMES DANIEL ANDERSON JR	08/16/2019
RICHARD LEE WARNER	08/16/2019
FUNAI LEXINGTON TECHNOLOGY CORPORATION	08/16/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Procter & Gamble Company
<b>Street Address:</b>	Attention: Chief Patent Counsel
<b>Internal 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>	16541215
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(513)277-2293
<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>	5139837598
<b>Email:</b>	meenach.sa@pg.com
<b>Correspondent Name:</b>	THE PROCTER & GAMBLE COMPANY
<b>Address Line 1:</b>	ONE PROCTER & GAMBLE PLAZA
<b>Address Line 2:</b>	CENTRAL DOCKETING- 8TH FLOOR
<b>Address Line 4:</b>	CINCINNATI, OHIO 45202
<b>ATTORNEY DOCKET NUMBER:</b>	15225C
<b>NAME OF SUBMITTER:</b>	ABBHEY A. LOPEZ
<b>SIGNATURE:</b>	/Abbey A. Lopez/
<b>DATE SIGNED:</b>	09/03/2019

**Total Attachments: 8**

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GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) hereby declare that I/we, alone or jointly with the other inventor(s) identified herein, have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled MICROFLUIDIC CARTRIDGE, Attorney's Docket No. 15225C and filed in the United States Patent Office as Serial Number 16/541,215, on August 15, 2019 and/or the corresponding application filed in the PCT as Serial Number \_\_\_\_\_, on \_\_\_\_\_ (I/we grant the hereinafter named assignee and/or any person authorized thereby, the power to insert in this document, the Serial Number and filing date of each application identified above when ascertained.) having named inventors:

Dana Paul GRUENBACHER of One Procter & Gamble Plaza; Cincinnati; OH; 45202; US;  
William Michael CANNON of One Procter & Gamble Plaza; Cincinnati; OH; 45202; US;  
James Daniel ANDERSON, Jr. of Funai Lexington; 700Setzer Way; Lexington; KY; 40508;

US;

Richard Lee WARNER of Funai Lexington; 700Setzer Way; Lexington; KY; 40508; US;

I/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 my/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, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, my/our entire 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), as fully and completely as the same would have been held by me/us had this assignment not been made. My/our entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree to, without additional compensation but at no expense to me/us, execute or assent to any and all applications for said invention(s), execute all other legal documents as may be necessary or desirable to vest and maintain the enjoyment of the rights assigned, and to cooperate with The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct, in any pre-grant, post-grant or other proceedings relating to the rights assigned herein.

I/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 Number 15/979,502 to The Procter & Gamble Company, its legal representatives, successors or assigns, as assignee of my/our 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 Paul Gruenbacher  
Dana Paul GRUENBACHER

8/27/19  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Dana Paul 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.

Tina Nicholas  
Witness printed name

Tina Nichols  
Witness signature

Signed: \_\_\_\_\_  
William Michael CANNON

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see William Michael CANNON 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.

\_\_\_\_\_  
Witness printed name

\_\_\_\_\_  
Witness signature

GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) hereby declare that I/we, alone or jointly with the other inventor(s) identified herein, have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled MICROFLUIDIC CARTRIDGE, Attorney's Docket No. 15225C and filed in the United States Patent Office as Serial Number 16/541,215, on August 15, 2019 and/or the corresponding application filed in the PCT as Serial Number \_\_\_\_\_, on \_\_\_\_\_ (I/we grant the hereinafter named assignee and/or any person authorized thereby, the power to insert in this document, the Serial Number and filing date of each application identified above when ascertained.) having named inventors:

Dana Paul GRUENBACHER of One Procter & Gamble Plaza; Cincinnati; OH; 45202; US;  
William Michael CANNON of One Procter & Gamble Plaza; Cincinnati; OH; 45202; US;  
James Daniel ANDERSON, Jr. of Funai Lexington; 700Setzer Way; Lexington; KY; 40508;

US;

Richard Lee WARNER of Funai Lexington; 700Setzer Way; Lexington; KY; 40508; US;

I/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 my/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, I/we assign to The Procter & Gamble Company, its legal representatives, successors and assigns, my/our entire 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), as fully and completely as the same would have been held by me/us had this assignment not been made. My/our entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree to, without additional compensation but at no expense to me/us, execute or assent to any and all applications for said invention(s), execute all other legal documents as may be necessary or desirable to vest and maintain the enjoyment of the rights assigned, and to cooperate with The Procter & Gamble Company, its legal representatives, successors and assigns, or as said Company may direct, in any pre-grant, post-grant or other proceedings relating to the rights assigned herein.

I/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 Number 15/979,502 to The Procter & Gamble Company, its legal representatives, successors or assigns, as assignee of my/our 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 Paul GRUENBACHER

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Dana Paul 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.

\_\_\_\_\_  
Witness printed name

\_\_\_\_\_  
Witness signature

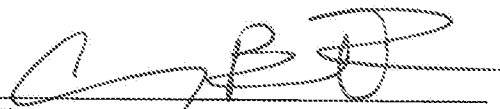
Signed:   
William Michael CANNON

8/22/19  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see William Michael CANNON 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.

COREY BISOFF  
Witness printed name

  
Witness signature

G L O B A L   G E N E R A L   A S S I G N M E N T

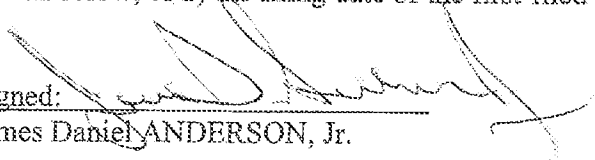
WHEREAS I/we, the undersigned inventor(s) hereby declare that I/we, alone or jointly with the other inventor(s) identified herein, have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled MICROFLUIDIC CARTRIDGE, Attorney's Docket No. 15225C and filed in the United States Patent Office as Serial Number 16/541,215, on August 15, 2019 and/or the corresponding application filed in the PCT as Serial Number \_\_\_\_\_, on \_\_\_\_\_ (I/we grant the hereinafter named assignee and/or any person authorized thereby, the power to insert in this document, the Serial Number and filing date of each application identified above when ascertained.) having named inventors:

Dana Paul GRUENBACHER of One Procter & Gamble Plaza; Cincinnati; OH; 45202; US;  
William Michael CANNON of One Procter & Gamble Plaza; Cincinnati; OH; 45202; US;  
James Daniel ANDERSON, Jr. of Funai Lexington; 700Setzer Way; Lexington; KY; 40508;  
US;  
Richard Lee WARNER of Funai Lexington; 700Setzer Way; Lexington; KY; 40508; US;

I/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 Funai Lexington Technology Corporation of 700 Setzer Way, Lexington, KY, 40508 or one of its Affiliates, and acknowledge my/our obligation at the time the invention(s) was made to assign said invention(s) to Funai Lexington Technology Corporation 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/we assign to Funai Lexington Technology Corporation, its legal representatives, successors and assigns, my/our entire 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), as fully and completely as the same would have been held by me/us had this assignment not been made. My/our entire right, title and interest shall vest irrevocably in Funai Lexington Technology Corporation. I/We further agree to, without additional compensation but at no expense to me/us, to execute or assent to any and all applications for said invention(s), execute all other legal documents as may be necessary or desirable to vest and maintain the enjoyment of the rights assigned, and to cooperate with Funai Lexington Technology Corporation, its legal representatives, successors and assigns, or as said Company may direct, in any pre-grant, post-grant or other proceedings relating to the rights assigned herein.

I/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 Number 15/979,502 to Funai Lexington Technology Corporation, its legal representatives, successors or assigns, as assignee of my/our 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).

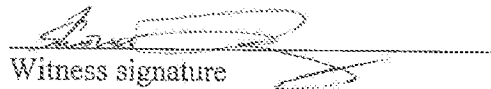
Signed:   
James Daniel ANDERSON, Jr.

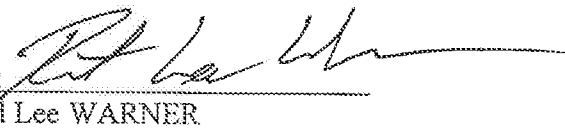
8-16-19  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see James Daniel ANDERSON, Jr. 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.

Edward Lee King  
Witness printed name

  
Witness signature

Signed:   
Richard Lee WARNER

8-16-19  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Richard Lee WARNER 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.

John Glenn Edelen  
Witness printed name

  
Witness signature



## G L O B A L   G E N E R A L   A S S I G N M E N T

WHEREAS Funai Lexington Technology Corporation of 700 Setzer Way, Lexington, KY, 40508 declares that it is the sole/joint owner of certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled MICROFLUIDIC CARTRIDGE, filed in the name(s) of The Procter & Gamble Company of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, as Applicant-Assignee and naming Dana Paul GRUENBACHER, William Michael CANNON, James Daniel ANDERSON, Jr. and Richard Lee WARNER as inventors, Attorney's Docket No. 15225C and filed in the United States Patent Office as Number 16/541,215, on August 15, 2019 and/or the corresponding application filed in the PCT as Serial Number \_\_\_\_\_, on \_\_\_\_\_. (Funai Lexington Technology Corporation grants the hereinafter named assignee and/or any person authorized thereby, the power to insert in this document, the Serial Number and filing date of each application identified above when ascertained.)

For valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Funai Lexington Technology Corporation assigns to The Procter & Gamble Company, its legal representatives, successors and assigns, its entire right, title, and interest owned by Funai Lexington Technology Corporation, 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), as fully and completely as the same would have been held by Funai Lexington Technology Corporation had this assignment not been made. The entire right, title and interest owned by Funai Lexington Technology Corporation shall vest irrevocably in The Procter & Gamble Company. Funai Lexington Technology Corporation further agrees to, without additional compensation, but at no expense to Funai Lexington Technology Corporation, execute or assent to any and all applications for said invention(s), assist The Procter & Gamble Company in obtaining signatures for any applications or any other legal documents as may be necessary or desirable to vest and maintain the enjoyment of the rights assigned, and to cooperate with The Procter & Gamble Company, its legal representatives, successors and assigns, or as The Procter & Gamble Company may direct, in any pre-grant, post-grant or other proceedings relating to the rights assigned herein.

Funai Lexington Technology Corporation requests and authorizes 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 Number 15/979,502 to The Procter & Gamble Company, its legal representatives, successors or assigns, as assignee of Funai Lexington Technology Corporation's 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: 

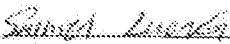
8/16/2019  
Date

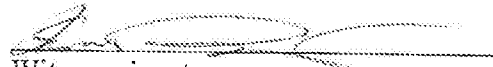
For: Funai Lexington Technology Corporation

Title COO

STATEMENT OF WITNESS:

I declare that I was personally present and did see George Palish 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.

  
Witness printed name

  
Witness signature

Assignment to PG from external company.doc  
Updated May 2017