505415286 04/08/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5462076

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAY DENNIS DRIA	04/01/2019
MICHAEL JOSEPH PAGE	03/19/2019
JOSEPH LESLIE GROLMES	03/20/2019
SCOTT ALAN KING	03/19/2019
MATTHEW STEVEN RITTER	03/19/2019
CHRISTOPHER COLIN ARP	03/19/2019

RECEIVING PARTY DATA

Name:	THE PROCTER & GAMBLE COMPANY	
Street Address:	ONE PROCTER & GAMBLE PLAZA	
Internal Address:	ATTENTION: CHIEF PATENT COUNSEL	
City:	CINCINNATI	
State/Country:	OHIO	
Postal Code:	45202	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16357685

CORRESPONDENCE DATA

Fax Number: (513)285-3105

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: 513-983-9345
Email: wilson.ls@pg.com

Correspondent Name: CENTRAL DOCKETING

Address Line 1: ONE PROCTER & GAMBLE PLAZA, 9TH FLOOR

Address Line 2: IP DIVISION - CENTRAL BUILDING

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	15154M
NAME OF SUBMITTER:	WEDNESDAY G. SHIPP
SIGNATURE:	/Wednesday G. Shipp/
DATE SIGNED:	04/08/2019

Total Attachments: 18 source=15154M-AssignmentSigned-ALLINVENTORS#page1.tif source=15154M-AssignmentSigned-ALLINVENTORS#page2.tif source=15154M-AssignmentSigned-ALLINVENTORS#page3.tif source=15154M-AssignmentSigned-ALLINVENTORS#page4.tif source=15154M-AssignmentSigned-ALLINVENTORS#page5.tif source=15154M-AssignmentSigned-ALLINVENTORS#page6.tif source=15154M-AssignmentSigned-ALLINVENTORS#page7.tif source=15154M-AssignmentSigned-ALLINVENTORS#page8.tif source=15154M-AssignmentSigned-ALLINVENTORS#page9.tif source=15154M-AssignmentSigned-ALLINVENTORS#page10.tif source=15154M-AssignmentSigned-ALLINVENTORS#page11.tif source=15154M-AssignmentSigned-ALLINVENTORS#page12.tif source=15154M-AssignmentSigned-ALLINVENTORS#page13.tif source=15154M-AssignmentSigned-ALLINVENTORS#page14.tif source=15154M-AssignmentSigned-ALLINVENTORS#page15.tif source=15154M-AssignmentSigned-ALLINVENTORS#page16.tif source=15154M-AssignmentSigned-ALLINVENTORS#page17.tif source=15154M-AssignmentSigned-ALLINVENTORS#page18.tif

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 pater application (including industrial designs and utility models), whether claimed or unclaimed, entitle BOND PATTERN, Attorney's Docket No. 15154M and filed in the United States Patent Office a Serial Number

Ray Dennis DRIA of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Michael Joseph PAGE of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Joseph Leslie GROLMES of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Scott Alan KING of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Matthew Steven RITTER of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; and Christopher Colin ARP of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA.

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 16/357,685 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: Ray Dennis DRIA	_Ap.// /, 20/9
Nay Dennis DRIA	Date
STATEMENT OF WITNESS:	
I declare that I was personally present and did see assignment. I make this Statement conscientiously same force and effect as if made under oath or aff making false statements herein may be punishable b	fraction and the true and knowing that it is of the
Witness printed name	Witness signature
Signed:	
Michael Joseph PAGE	Date
STATEMENT OF WITNESS:	Date
above assignment. I make this Statement consciention of the same force and effect as if made under oak knowingly making false statements herein may be put	th or affirmation, and with the knowledge that mishable by law.
Witness printed name	Witness signature
Signed:	
Joseph Leslie GROLMES	Date
STATEMENT OF WITNESS:	
I declare that I was personally present and did see Jos above assignment. I make this Statement consciention of the same force and effect as if made under oatt knowingly making false statements herein may be pun	bear of the structure and knowing that it is
Witness printed name	Witness signature

Signed:	
Scott Alan KING	Date
STATEMENT OF WITNESS:	Date
I declare that I was personally present and	did see Scott Alan KING duly sign and execute the above
assignment. I make this Statement conscie	and see Scott Alan KING duly sign and execute the above entiously believing it to be true and knowing that it is of the
making felse statements if made under or	entiously believing it to be true and knowing that it is of the or affirmation, and with the knowledge that knowingly ishable by law
making false statements herein may be pun	ishable by law.
777.4	
Witness printed name	Witness signature
	S
Signed:	
Matthew Steven RITTER	
	Date
STATEMENT OF WITNESS:	
of the same force and effect as if made a knowingly making false statements herein m	lid see Matthew Steven RITTER duly sign and execute the enscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that ay be punishable by law.
Witness printed name	Witness signature
	** tutos signature
Signed:	
Christopher Colin ARP	Date
STATEMENT OF WITNESS:	
I declare that I was personally present and d	id see Christopher Colin ARP duly sign and execute the
above assignment. I make this Statement cor	see Christopher Colin ARP duly sign and execute the scientiously believing it to be true and knowing that it is
of the same force and effect as if made un knowingly making false statements herein ma	
Witness printed name	Witness signature
	rangos orginatale

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 BOND PATTERN, Attorney's Docket No. 15154M and filed in the United States Patent Office as Serial Number 16/357,685, on March 19, 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:

Ray Dennis DRIA of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Michael Joseph PAGE of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Joseph Leslie GROLMES of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Scott Alan KING of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Matthew Steven RITTER of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; and Christopher Colin ARP of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA.

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 16/357,685 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).

Ray Dennis DRIA	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement consciention	see Ray Dennis DRIA duly sign and execute the above asly believing it to be true and knowing that it is of the or affirmation, and with the knowledge that knowingly ble by law.
Witness printed name	Witness signature
Signed: Michael Joseph PAGE	
STATEMENT OF WITNESS:	
above assignment. I make this Statement cons	I see Michael Joseph PAGE duly sign and execute the cientiously believing it to be true and knowing that it is not end or affirmation, and with the knowledge that be punishable by law.
Witness printed name	Witness signature
Signed: Joseph Lesik EROLMES STATEMENT OF WITNESS:	20 MAR 2019 Date
Signed: Joseph Lessie FROLMES STATEMENT OF WITNESS: I declare that I was personally present and did above assignment. I make this Statement cons	Date Date See Joseph Leslie GROLMES duly sign and execute the acception believing it to be true and knowing that it is not not out the knowledge that

Witness printed name

Signed:	
Scott Alan KING	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement conscien	did see Scott Alan KING duly sign and execute the above tiously believing it to be true and knowing that it is of the path or affirmation, and with the knowledge that knowingly shable by law.
Witness printed name	Witness signature
Signed: Matthew Steven RITTER	Date
	
STATEMENT OF WITNESS:	
above assignment. I make this Statement c	lid see Matthew Steven RITTER duly sign and execute the onscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that hay be punishable by law.
Witness printed name	Witness signature
Signed:	
Christopher Colin ARP	Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement c	did see Christopher Colin ARP duly sign and execute the onscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that may be punishable by law.
Witness printed name	Witness signature

WHEREAS I/we, the undersigned	inventor(s) hereby declare	that I/we, alone or jointly with
the other inventor(s) identified herein, h	iave made certain inventic	n(s), as set forth in a patent
application (including industrial designs a	nd utility models), whether	claimed or unclaimed, entitled
BOND PATTERN, Attorney's Docket N	o. 15154M and filed in the	United States Patent Office as
Serial Number16/357,685, on	March 19, 2019 and/or	the corresponding application
filed in the PCT as Serial Number	, on	I/we grant the
hereinafter named assignee and/or any pers		
the Serial Number and filing date of each	h application identified ab	ove when ascertained.) having
named inventors:		

Ray Dennis DRIA of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Michael Joseph PAGE of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Joseph Leslie GROLMES of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Scott Alan KING of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Matthew Steven RITTER of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; and Christopher Colin ARP of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA.

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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).

Ray Dennis DRIA	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement conscient	did see Ray Dennis DRIA duly sign and execute the abentiously believing it to be true and knowing that it is of ath or affirmation, and with the knowledge that knowing that knowing the by law.
Witness printed name	Witness signature
Signed: Signed: Michael Joseph PAGE	3/14/2019 Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement o	d did see Michael Joseph PAGE duly sign and execute conscientiously believing it to be true and knowing that it under oath or affirmation, and with the knowledge to may be punishable by law. Witness signature
Signed: Joseph Leslie GROLMES	Date
STATEMENT OF WITNESS:	A. A. V.
I declare that I was personally present and above assignment. I make this Statement c	did see Joseph Leslie GROLMES duly sign and execute conscientiously believing it to be true and knowing that i under oath or affirmation, and with the knowledge t may be punishable by law.
Witness printed name	Witness signature

Signed:			
Scott Alan KING	Date		
STATEMENT OF WITNESS:			
assignment. I make this Statement conscienti	d see Scott Alan KING duly sign and execute the above ously believing it to be true and knowing that it is of the or affirmation, and with the knowledge that knowingly able by law.		
Witness printed name	Witness signature		
Signed: Matthew Steven RITTER			
STATEMENT OF WITNESS:			
above assignment. I make this Statement con	i see Matthew Steven RITTER duly sign and execute the scientiously believing it to be true and knowing that it is ider oath or affirmation, and with the knowledge that y be punishable by law.		
Witness printed name	Witness signature		
Signed:	The same of the sa		
Christopher Colin ARP	Date		
STATEMENT OF WITNESS:			
above assignment. I make this Statement con	d see Christopher Colin ARP duly sign and execute the scientiously believing it to be true and knowing that it is ider oath or affirmation, and with the knowledge that y be punishable by law.		
Witness printed name	Witness signature		

WHI	EREAS I/w	e, the unde	rsigned inv	entor(s)	hereby d	leclare t	hat I/we,	alone or	jointly w	/ith
the other ir	iventor(s) i	dentified h	erein, have	e made	certain i	inventio	n(s), as	set forth	in a pat	ent
application ((including i	ndustrial de	signs and	utility m	odels), v	vhether	claimed	or unclaim	ed, entit	led
BOND PAT	TTERN, At	tomey's Do	cket No. 1	15154M	and filed	l in the	United S	tates Pater	nt Office	: 88
Serial Num	ber <u>16/3</u>	357,685	on M	arch 19,	2019	and/or	the corre	sponding	applicat	ion
filed in the										
hereinafter n										
the Serial N	lumber and	filing date	of each	applicatio	on identi	fied abo	ve wher	ascertain	ed.) hav	ing
named inver									ŕ	~

Ray Dennis DRIA of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Michael Joseph PAGE of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Joseph Leslie GROLMES of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Scott Alan KING of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Matthew Steven RITTER of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; and Christopher Colin ARP of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA.

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 16/357.685 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).

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Signed:	
Ray Dennis DRIA	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement conscier	did see Ray Dennis DRIA duly sign and execute the above atiously believing it to be true and knowing that it is of the h or affirmation, and with the knowledge that knowingly shable by law.
Witness printed name	Witness signature
Signed: Michael Joseph PAGE	 Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	did see Michael Joseph PAGE duly sign and execute the onscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that hay be punishable by law.
Witness printed name	Witness signature
Signed:	
Joseph Leslie GROLMES	Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	lid see Joseph Leslie GROLMES duly sign and execute the onscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that hay be punishable by law.
Witness printed name	Witness signature

Signed: 7 7 7 8 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	<u> </u>
I declare that I was personally present and did see Scott A assignment. I make this Statement conscientiously believing same force and effect as if made under oath or affirmation making false statements herein may be punishable by law. Todd Lenser Witness printed name	ng it to be true and knowing that it is of the
Signed: Matthew Steven RITTER	Date
STATEMENT OF WITNESS:	
I declare that I was personally present and did see Matthew above assignment. I make this Statement conscientiously to of the same force and effect as if made under oath or knowingly making false statements herein may be punishab	pelieving it to be true and knowing that it is affirmation, and with the knowledge that
Witness printed name	Witness signature
Signed:	·
Christopher Colin ARP	Date
STATEMENT OF WITNESS:	
I declare that I was personally present and did see Christe above assignment. I make this Statement conscientiously lof the same force and effect as if made under oath or knowingly making false statements herein may be punishal	pelieving it to be true and knowing that it is affirmation, and with the knowledge that
Witness printed name	Witness signature

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	n(s), as set forth in a patent
application (including industrial designs a	and utility models), whether	claimed or unclaimed, entitled
BOND PATTERN, Attorney's Docket N	To. 15154M and filed in the	United States Patent Office as
Serial Number16/357,685, on	March 19, 2019 and/or	the corresponding application
filed in the PCT as Serial Number _	, on	I/we grant the
hereinafter named assignee and/or any per	son authorized thereby, the p	ower to insert in this document
the Serial Number and filing date of ea	ch application identified ab	ove when ascertained.) having
named inventors:		

Ray Dennis DRIA of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Michael Joseph PAGE of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Joseph Leslie GROLMES of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Scott Alan KING of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Matthew Steven RITTER of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; and Christopher Colin ARP of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA.

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Signed:	
Ray Dennis DRIA	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement conscier	did see Ray Dennis DRIA duly sign and execute the above atiously believing it to be true and knowing that it is of the h or affirmation, and with the knowledge that knowingly shable by law.
Witness printed name	Witness signature
Signed: Michael Joseph PAGE	 Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	did see Michael Joseph PAGE duly sign and execute the onscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that hay be punishable by law.
Witness printed name	Witness signature
Signed:	
Joseph Leslie GROLMES	Date
STATEMENT OF WITNESS:	
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Witness printed name	Witness signature

Signoa	
Scott Alan KING	Date
STATEMENT OF WITNESS	
I declare that I was personally present and did see tassignment. I make this Statement conscientiously I same force and effect as if made under outh or affirmaking false statements herein may be punishable by	believing it to be true and knowing that it is of the irmation, and with the knowledge that knowingly
Witness printed name	Witness signature
	10 M + 0010
Matthew Steven RITTER	<u>19. Morch 2019</u> Date
	rome.
STATEMENT OF WITNESS:	
I declare that I was personally present and did see Nabove assignment. I make this Statement consciention the same force and effect as if made under or knowingly making false statements herein may be presented.	ously believing it to be true and knowing that it is at nowledge that
Josephiny Edelbrock	
Witness printed name	Witness signature
Signed	
Christopher Colin ARP	Date
STATEMENT OF WITNESS	
I declare that I was personally present and did see of above assignment. I make this Statement consciention the same force and effect as if made under or knowingly making false statements herein may be presented.	ously believing it to be true and knowing that it is
Witness printed name	Witness signature

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
BOND PATTERN, Attorney's Docket No. 15154M and filed in the United States Patent Office as
Serial Number 16/357,685, on March 19, 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:

Ray Dennis DRIA of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Michael Joseph PAGE of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Joseph Leslie GROLMES of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Scott Alan KING of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; Matthew Steven RITTER of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA; and Christopher Colin ARP of One Procter & Gamble Plaza, Cincinnati, OH 45202, USA.

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 16/357,685 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:	
Ray Dennis DRIA	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement conscient	iid see Ray Dennis DRIA duly sign and execute the above tiously believing it to be true and knowing that it is of the 1 or affirmation, and with the knowledge that knowingly hable by law.
Witness printed name	Witness signature
Signed: Michael Joseph PAGE	 Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	did see Michael Joseph PAGE duly sign and execute the nscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that ay be punishable by law.
Witness printed name	Witness signature
Signed: Joseph Leslie GROLMES	Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	id see Joseph Leslie GROLMES duly sign and execute the nscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that ay be punishable by law.
Witness printed name	Witness signature

Signed:	
Scott Alan KING	Date
STATEMENT OF WITNESS:	
assignment. I make this Statement conscien	did see Scott Alan KING duly sign and execute the above tiously believing it to be true and knowing that it is of the h or affirmation, and with the knowledge that knowingly hable by law.
Witness printed name	Witness signature
Signed: Matthew Steven RITTER	 Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	id see Matthew Steven RITTER duly sign and execute the inscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that asy be punishable by law.
Witness printed name	Witness signature
Signed: Christopher Colin ARP	J/4/17 Date
STATEMENT OF WITNESS:	
above assignment. I make this Statement co	did see Christopher Colin ARP duly sign and execute the onscientiously believing it to be true and knowing that it is under oath or affirmation, and with the knowledge that

knowingly making false statements herein may be punishable by law.

Witness printed name

RECORDED: 04/08/2019

PATENT REEL: 048814 FRAME: 0886

Witness signature