

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4885057

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UWE SCHNEIDER	02/13/2018
JAN MICHAEL TRINKAUS	02/14/2018
HANS ADOLF JACKELS	02/14/2018
GUELTEKIN ERDEM	03/06/2018
<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>	15893730
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	5139835546
<b>Email:</b>	combs.bs@pg.com
<b>Correspondent Name:</b>	CHRISTIAN M. BEST
<b>Address Line 1:</b>	ONE PROCTER & GAMBLE PLAZA
<b>Address Line 4:</b>	CINCINNATI, OHIO 45202
<b>ATTORNEY DOCKET NUMBER:</b>	14721MQ
<b>NAME OF SUBMITTER:</b>	CHRISTIAN M. BEST
<b>SIGNATURE:</b>	/Christian M. Best/
<b>DATE SIGNED:</b>	03/27/2018
<b>Total Attachments: 6</b>	
source=14721MQ-FULLY-SIGNED-ASSIGNMENT#page1.tif	
source=14721MQ-FULLY-SIGNED-ASSIGNMENT#page2.tif	
source=14721MQ-FULLY-SIGNED-ASSIGNMENT#page3.tif	

source=14721MQ-FULLY-SIGNED-ASSIGNMENT#page4.tif

source=14721MQ-FULLY-SIGNED-ASSIGNMENT#page5.tif

source=14721MQ-FULLY-SIGNED-ASSIGNMENT#page6.tif

**PATENT**

**REEL: 045359 FRAME: 0814**

## GLOBAL GENERAL ASSIGNMENT

WHEREAS I/we, the undersigned inventor(s) herewith declare that I am the sole inventor/we are the joint inventors and I/we have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled **METHODS AND TOOLING FOR FORMING PERFORMANCE ZONES IN SUBSTRATES**, Attorney's Docket No. 14721MQ and filed in the United States Patent Office as Serial Number 15/893,730, on February 12, 2018 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.)

Uwe SCHNEIDER of One Procter & Gamble Plaza Cincinnati, Ohio 45202, US;  
Jan Michael TRINKAUS of Sulzbacher Strasse 40, Schwalbach Am Taunus, Germany 65824;  
Hans Adolf JACKELS of Sulzbacher Strasse 40, Schwalbach Am Taunus, Germany 65824;  
Gueltekin ERDEM of No. 35 Yu'an Road, Tianzhu Konggang Development Zone B, Shunyi District, Beijing, Beijing, 101312, China.

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, 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), as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/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.

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 15/893,730, 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 SCHNEIDER  
Uwe SCHNEIDER

13 Feb 2018  
Date

## STATEMENT OF WITNESS:

I declare that I was personally present and did see Uwe SCHNEIDER 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.

Beth Katz  
Witness printed name

[Signature]  
Witness signature

Signed: Jan Michael TRINKAUS  
Jan Michael TRINKAUS

                      
Date

## STATEMENT OF WITNESS:

I declare that I was personally present and did see Jan Michael TRINKAUS 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: Hans Adolf JACKELS  
Hans Adolf JACKELS

                      
Date

## STATEMENT OF WITNESS:

I declare that I was personally present and did see Hans Adolf JACKELS 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: Gueltekin ERDEM  
Gueltekin ERDEM

                      
Date

## STATEMENT OF WITNESS:

I declare that I was personally present and did see Gueltekin ERDEM 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) herewith declare that I am the sole inventor/we are the joint inventors and I/we have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled **METHODS AND TOOLING FOR FORMING PERFORMANCE ZONES IN SUBSTRATES**, Attorney's Docket No. 14721MQ and filed in the United States Patent Office as Serial Number 15/893,730, on February 12, 2018 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.)

I/we SCHNEIDER of One Procter & Gamble Plaza Cincinnati, Ohio 45202, US;  
Jan Michael TRINKAUS of Sulzbacher Strasse 40, Schwalbach Am Taunus, Germany 65824;  
Hans Adolf JACKELS of Sulzbacher Strasse 40, Schwalbach Am Taunus, Germany 65824;  
Gueltekin ERDEM of No. 35 Yu'an Road, Tianzhu Konggang Development Zone B, Shunyi District, Beijing, Beijing, 101312, China.

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, 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), as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/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.

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 15/893,730, 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 SCHNEIDER

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Uwe SCHNEIDER 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

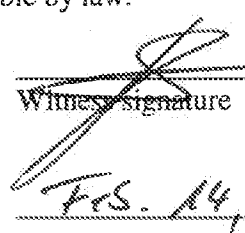
Signed:   
Jan Michael TRINKAUS

14 Feb 2018  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Jan Michael TRINKAUS 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.

B. Jackels  
Witness printed name

  
Witness signature

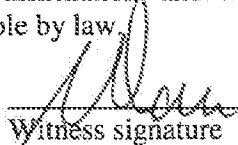
Signed:   
Hans Adolf JACKELS

FEB. 14, 2018  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Hans Adolf JACKELS 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.

JAN MICHAEL TRINKAUS  
Witness printed name

  
Witness signature

Signed: \_\_\_\_\_  
Gueltekin ERDEM

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Gueltekin ERDEM 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) herewith declare that I am the sole inventor/we are the joint inventors and I/we have made certain invention(s), as set forth in a patent application (including industrial designs and utility models), whether claimed or unclaimed, entitled **METHODS AND TOOLING FOR FORMING PERFORMANCE ZONES IN SUBSTRATES**, Attorney's Docket No. 14721MQ and filed in the United States Patent Office as Serial Number 15/893,730, on February 12, 2018 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.)

Uwe SCHNEIDER of One Procter & Gamble Plaza Cincinnati, Ohio 45202, US;  
Jan Michael TRINKAUS of Sulzbacher Strasse 40, Schwalbach Am Taunus, Germany 65824;  
Hans Adolf JACKELS of Sulzbacher Strasse 40, Schwalbach Am Taunus, Germany 65824;  
Gueltekin ERDEM of No. 35 Yu'an Road, Tianzhu Konggang Development Zone B, Shunyi District, Beijing, Beijing, 101312, China.

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, 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), as fully and completely as the same would have been held by me/us had this assignment not been made. The entire right, title and interest shall vest irrevocably in The Procter & Gamble Company. I/We further agree upon request, without additional compensation but at no expense to me/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.

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 15/893,730, 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 SCHNEIDER

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Uwe SCHNEIDER 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: \_\_\_\_\_  
Jan Michael TRINKAUS

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Jan Michael TRINKAUS 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: \_\_\_\_\_  
Hans Adolf JACKELS

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Hans Adolf JACKELS 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: \_\_\_\_\_  
Gueltekin ERDEM

\_\_\_\_\_  
Date

STATEMENT OF WITNESS:

I declare that I was personally present and did see Gueltekin ERDEM 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.

ZHE LIU  
\_\_\_\_\_  
Witness printed name

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