PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5661038

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG BILLMAN	06/26/2019
BORIS ALLAN ELFSTROM	07/02/2019
JASON ZERWECK	06/27/2019
RUI ZHANG	06/26/2019
KEVIN MURPHY	06/26/2019

RECEIVING PARTY DATA

Name:	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
Street Address:	INTELLECTUAL PROPERTY DEPARTMENT
City:	GOTEBORG
State/Country:	SWEDEN
Postal Code:	405 03

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16474177

CORRESPONDENCE DATA

Fax Number: (513)241-6234

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: 5132412324

Email: retienne@whe-law.com **Correspondent Name:** DAVID H. BRINKMAN Address Line 1: 441 VINE STREET 2700 CAREW TOWER Address Line 2:

Address Line 4: CINCINNATI, OHIO 45202-2917

ATTORNEY DOCKET NUMBER:	ESSPAT-121US
NAME OF SUBMITTER:	DAVID H. BRINKMAN
SIGNATURE:	/David H. Brinkman/
DATE SIGNED:	08/09/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 050008 FRAME: 0592

505614236

Total Attachments: 12 source=ESSPAT-121US_Assignment#page1.tif source=ESSPAT-121US_Assignment#page2.tif source=ESSPAT-121US_Assignment#page3.tif source=ESSPAT-121US_Assignment#page4.tif source=ESSPAT-121US_Assignment#page5.tif source=ESSPAT-121US_Assignment#page6.tif source=ESSPAT-121US_Assignment#page7.tif source=ESSPAT-121US_Assignment#page8.tif source=ESSPAT-121US_Assignment#page9.tif source=ESSPAT-121US_Assignment#page10.tif source=ESSPAT-121US_Assignment#page11.tif source=ESSPAT-121US_Assignment#page12.tif

PATENT REEL: 050008 FRAME: 0593

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention:	DISPENSER FOR SHEET PRODUCTS AND OPERATING METHOD
As th	te below named inventor, I hereby declare that:
This	Declaration is directed to:
h	d application
	es Application Number or PCT International Application PCT/EP2017/050359 filed on January 9, 2017
The a	above-identified application was made or authorized to be made by me.
	eve that I am the original inventor or an original joint inventor of a claimed ve-identified application.
I hav including the claims	e reviewed and understand the contents of the above-identified application,

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, Essity Hygiene and Health Aktiebolag, a corporation of Sweden, having a place of business at 405 03 Göteborg, SWEDEN (herein referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to the ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent,

Page 1 of 4

PATENT REEL: 050008 FRAME: 0594 and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of Sweden, and any disputes will be resolved in a court sited in Sweden.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of Inventor:	Craig Billman		
Legar name of inventor.	<u> </u>		June 26,
Inventor's Signature:	<u> </u>	Date:	2019
Residence	Company of the Compan		
City/State/Country:	Philadelphia, PA, United States of America		
Mailing Address:	c/o ESSITY North America Inc., 2929 Arch Stree Philadelphia, Pennsylvania 19104	et, Suite	2600,
Citizenship:	US		

Legal name of Inventor:	Boris Allan Elfström
Inventor's Signature:	Date:
Residence	
City/State/Country:	Philadelphia, PA, United States of America
Mailing Address:	c/o ESSITY North America Inc., 2929 Arch Street, Suite 2600, Philadelphia, Pennsylvania 19104
Citizenship:	US
Legal name of Inventor:	Jason Zerweck
Inventor's Signature:	Date:
Residence	
City/State/Country:	Philadelphia, PA, United States of America
Mailing Address:	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia, Pennsylvania 19107
Citizenship:	US
Legal name of Inventor:	Rui Zhang
-	
Inventor's Signature:	Date:
Residence City/State/Country:	Philadelphia, PA, United States of America
Mailing Address:	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia, Pennsylvania 19107
Citizenship:	US

Legal name of Inventor:	Kevin Murphy
Inventor's Signature:	Date:
Residence	
City/State/Country:	Philadelphia, PA, United States of America
Mailing Address:	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia, Pennsylvania 19107
Citizenship:	US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention: DISPENSER FOR SHEET PRODUCTS AND OPERATING METHOD

As the below named inventor, I hereby declare that:
This Declaration is directed to:
The attached application
OR X United States Application Number or PCT International Application Number PCT/EP2017/050359 filed on January 9, 2017
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.
I have reviewed and understand the contents of the above-identified application, including the claims.
I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.
Whereas, the undersigned inventor(s) has/have made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, Essity Hygiene and Health Aktiebolag, a corporation of Sweden, having a place of business at 405 03 Göteborg, SWEDEN (herein referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to the ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent,

Page 1 of 4

Essity Internal

and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of Sweden, and any disputes will be resolved in a court sited in Sweden.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of Inventor:	Craig Billman
Inventor's Signature:	Date:
Residence City/State/Country:	Philadelphia, PA, United States of America
Mailing Address:	c/o ESSITY North America Inc., 2929 Arch Street, Suite 2600, Philadelphia, Pennsylvania 19104
Citizenship:	US

Page 2 of 4

Boris Allan Elfström
Romo A Coffee Date: July 2nd 20
Philadelphia, PA, United States of America
c/o ESSITY North America Inc., 2929 Arch Street, Suite 2600,
Philadelphia, Pennsylvania 19104
US
Jason Zerweck
Date:
Philadelphia, PA, United States of America
c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia,
Pennsylvania 19107
US
Rui Zhang
Date:
Philadelphia, PA, United States of America
c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia, Pennsylvania 19107
US

Legal name of Inventor:	Kevin Murphy
Inventor's Signature:	Date:
Residence	
City/State/Country:	Philadelphia, PA, United States of America
	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia,
Mailing Address:	Pennsylvania 19107
Citizenship:	US

Page 4 of 4

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention:	DISPENSER FOR SHEET PRODUCTS AND OPERATING
	METHOD

As the below named inventor, I here	by declare that:	
This Declaration is directed to:		
 he attached application		
Inited States Application Number or PCT I Jumber PCT/EP2017/050359	nternational Application filed on January 9, 2	2017

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, Essity Hygiene and Health Aktiebolag, a corporation of Sweden, having a place of business at 405 03 Göteborg, SWEDEN (herein referred to as the "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to the ASSIGNEE, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent,

Page 1 of 4

and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of Sweden, and any disputes will be resolved in a court sited in Sweden.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal name of Inventor:	Craig Billman
Inventor's Signature:	Date:
Residence City/State/Country:	Philadelphia, PA, United States of America
Mailing Address:	c/o ESSITY North America Inc., 2929 Arch Street, Suite 2600, Philadelphia, Pennsylvania 19104
Citizenship:	US

Legal name of Inventor:	Boris Allan Elfström		
Inventor's Signature:		Date:	
Residence City/State/Country:	Philadelphia, PA, United States of America		
Mailing Address:	c/o ESSITY North America Inc., 2929 Arch Street, Suite 2600, Philadelphia, Pennsylvania 19104		
Citizenship:	US		
Legal name of Inventor:	Jason Zerweck		
Inventor's Signature:	mm	Date: 6/27/2019	
Residence		, ,	
City/State/Country:	Philadelphia, PA, United States of America		
Mailing Address:	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia, Pennsylvania 19107		
Citizenship:	US		
Legal name of Inventor:	Rui Zhang		
Inventor's Signature:	Rui Zhang	Date: <u>6/26/20/9</u>	
Residence			
City/State/Country:	Philadelphia, PA, United States of America		
Mailing Address:	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Philadelphia, Pennsylvania 19107		
Citizenship:	US		

Legal name of Inventor:	Kevin Murphy	
Inventor's Signature:	The yo	Date: 6/26/19
Residence	1 0	
City/State/Country:	Philadelphia, PA, United States of America	
Mailing Address:	c/o Bresslergroup, 7th Floor, 1216 Arch Street, Pennsylvania 19107	Philadelphia,
Citizenship:	US	
¥		

Page 4 of 4

RECORDED: 08/09/2019