PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6164363

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN ERIKSSON	05/11/2020
ANNIE THORBURN	05/07/2020
HAKAN LINDSTROM	05/29/2020

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:	16765652

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: (513) 241-2324

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

Address Line 4: **CINCINNATI, OHIO 45202-2917**

ATTORNEY DOCKET NUMBER:	ESSPAT-155US
NAME OF SUBMITTER:	DAVID H. BRINKMAN
SIGNATURE:	/David H. Brinkman/
DATE SIGNED:	06/22/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 9

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> **PATENT REEL: 052999 FRAME: 0485**

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PATENT REEL: 052999 FRAME: 0486

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:	USAGE DETECTION OF HYGIENE EQUIPMENT
As the	e below named inventor, I hereby declare that:
This I	Declaration is directed to:
	d application
	es Application Number or PCT International Application PCT/EP2018/082981 filed on November 29, 2018
The a	bove-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 have including the claims.	e reviewed and understand the contents of the above-identified application,
	aware of the duty to disclose to the United States Patent and Trademark n known to me to be material to patentability as defined in 37 C.F.R. § 1.56.
	eas, the undersigned inventor(s) has/have made certain inventions, iscoveries (herein referred to as the "Invention") disclosed in the abovelication;
a place of business a referred to as the "Al grant to the ASSIGN	eas, Essity Hygiene and Health Aktiebolag, a corporation of Sweden, having t Intellectual Property Department, 405 03 Goteborg, SWEDEN (herein SSIGNEE"), desires to acquire, and each undersigned inventor desires to IEE, the entire worldwide right, title, and interest in and to the Invention and patent applications and patents directed thereto;
thereof being hereby has sold, assigns or h	therefore, for good and valuable consideration, the receipt and sufficiency acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, representatives, and assigns, the entire worldwide right, title, and interest in

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PATENT REEL: 052999 FRAME: 0487

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, 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:	John Eriksson
Inventor's Signature:	- DM/ 4/1 KSS ON Date: 2020051
Residence	- •
City/State/Country:	Göteborg, Sweden
Mailing Address:	Doktor Wigardhs gata 2, 413 23 Göteborg, Sweden
Citizenship:	Sweden

Attorney Docket No. ESSPAT-155US Essity Ref. P12214US00 Fusion sniffer

Legal name of Inventor:	Annie Thorburn	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Ellös, Sweden	
Mailing Address:	Morlanda Säteri 145, 474 93 Ellös, Sweden	
Citizenship:	Sweden	
Legal name of Inventor:	Håkan Lindström	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Göteborg, Sweden	
Mailing Address:	c/o Essity Hygiene and Health AB, 405 03 Göteborg, Sweden	
Citizenship:	Sweden	

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

Title of Invent	ion: USAGE DETECTION OF HYGIENE EQUIPMENT
	As the below named inventor, I hereby declare that:
	This Declaration is directed to:
	ached application
OR X United Number	States Application Number or PCT International Application PCT/EP2018/082981 filed on November 29, 2018
	The above-identified application was made or authorized to be made by me.
invention in th	I believe that I am the original inventor or an original joint inventor of a claimed e above-identified application.
including the c	I have reviewed and understand the contents of the above-identified application, claims.
O.555 44.1.5	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 aboveidentified patent application:

Whereas, Essity Hygiene and Health Aktiebolag, a corporation of Sweden, having a place of business at Intellectual Property Department, 405 03 Goteborg, 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,

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Attorney Docket No. ESSPAT-155US Essity Ref. P12214US00 Fusion sniffer

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:	John Eriksson
Inventor's Signature:	Date:
Residence City/State/Country:	Göteborg, Sweden
Mailing Address:	Doktor Wigardhs gata 2, 413 23 Göteborg, Sweden
Citizenship:	Sweden

Attorney Docket No. ESSPAT-155US Essity Ref. P12214US00 Fusion sniffer

Legal name of Inventor:	Annie Thorburn	
Inventor's Signature:	John	Date: 2 6 20.05.07
Residence		
City/State/Country:	Ellös, Sweden	
Mailing Address:	Morlanda Säteri 145, 474 93 Ellös, Sweden	
Citizenship:	Sweden	
	, o	
Legal name of Inventor:	Håkan Lindström	
Inventor's Signature:		Date:
Residence		
City/State/Country:	Göteborg, Sweden	
Mailing Address:	c/o Essity Hygiene and Health AB, 405 03 Göteborg, Sweden	
Citizenship:	Sweden	

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Title of Invention:	USAGE DETECTION OF H	YGIENE 1	<u>EQUIPMENT</u>	
As the below named inventor, I hereby declare that:				
This	This Declaration is directed to:			
	d application			
	es Application Number or PCT Inte PCT/EP2018/082981		Application November 29, 2018	
_		-		
The	above-identified application was n	nade or au	thorized 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.				
Whe	ereas, the undersigned inventor(s) h	nas/have m	ade certain inventions,	

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;

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Residence City/State/Country:	Göteborg, Sweden
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Attorney Docket No. ESSPAT-155US Essity Ref. P12214US00 Fusion sniffer

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Mailing Address:	Morlanda Säteri 145, 474 93 Ellös, Sweden	
Citizenship:	Sweden	
Legal name of Inventor:	Håkan Lindström	
Inventor's Signature:	AMIX 5	Date: 20-05-2°
Residence City/State/Country:	Göteborg, Sweden	
Mailing Address:	c/o Essity Hygiene and Health AB, 405 03 Go	öteborg, Sweden
Citizenship:	Sweden	