## 505591341 07/26/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5638141

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SABINE MOLLUS	07/25/2019
JOERG BREDNO	07/18/2019
JUERGEN WEESE	07/18/2019
DRAZENKO BABIC	07/24/2019

## **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 5
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12920330

### **CORRESPONDENCE DATA**

Fax Number:

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:** 914-495-9516

**Email:** barbara.kinney@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2008P00191WOUS
NAME OF SUBMITTER:	EDWARD W. GOODMAN
SIGNATURE:	/Edward W. Goodman/
DATE SIGNED:	07/26/2019

**Total Attachments: 4** 

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PATENT REEL: 049869 FRAME: 0475

hereby sell, and assign, and train having a place of business at Hi	nsfer the entire igh Tech Camp	rive acknowledge receipt, irwe as a below-na e and exclusive right, title, and interest in the fi bus 5, 5656 AE, Eindhoven, the Netherlands, ectively "the Assignee") my/our invention for w	ollowing to Koninklijke Philips N.V. its successors, assigns, and legal
☐ is executed concurrently her ☐ was filed on August 31, 201		ited States Application No. 12/920,330	
was filed on ***, having an Ir	nternational Ap	plication No. ***,	
therewith, based thereon, or chaidivisions, continuations, continuations, continuations.	iming priority th ations-in-part, i	other United States, foreign and international nerefrom including, but not limited to, any and re-examinations, reissues, and extensions the , and interest in and to any and all patents gra	all provisionals, non-provisionals ereof, and the right to claim priority
I/We authorize and request that and all Letters Patent when grar representatives.	the Patent Offi sted, solely to t	ice officials in the United States and in any an he Assignee(s), for its sole use, and that of its	d all foreign countries to issue any s successors, assigns, and legal
Upon request at the expense of proceedings including patent pro	the Assignee, losecution action	the Assignee to enjoy the foregoing right, title live agree to execute all papers, take all right ns and infringement actions, and do all other ing and maintaining patents on the foregoing in	iful oaths, testify in all legal such acts which may be
I/We certify that I/we have the fu	I right to conve	ey the above rights.	
As a below-named Inventor, I he	reby declare th	hat the above-identified application was made If joint Inventor of a claimed invention in the ap	or authorized to be made by me, oplication.
I hereby acknowledge that any wimprisonment of not more than fi	villful false state ive (5) years, o	ement made in this declaration is punishable in both.	under 18 U.S.C. 1001 by fine or
Date: <u>07/25/201</u> 9	Signature:	Sabine MOLLUS	Assignor/Inventor
Date:	Signature: _	Joerg BREDNO	, Assignor/Inventor
Date:	Signature:	Juergen WEESE	, Assignor/Inventor
Date:	Signature:	Drazenko BABIC	, Assignor/Inventor

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor, hereby self, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having a place of business at High Tech Campus 5, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application: is executed concurrently herewith was filed on August 31, 2010 having a United States Application No. 12/920,330 was filed on \*\*\*, having an International Application No. \*\*\*, and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications. I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives. I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I/We certify that I/we have the full right to convey the above rights. As a below-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original Inventor or an original joint Inventor of a claimed invention in the application. 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. Signature: \_\_\_ , Assignor/Inventor Sabine MOLLUS Date: 2019-09-18 Signature: Date: \_\_\_\_\_ Signature: \_\_\_\_ \_\_\_\_\_, Assignor/Inventor Juergen WEESE

Drazenko BABIC

Signature: \_\_\_

\_\_\_\_\_, Assignor/Inventor

U.S.A. Sole/Joint ASSIGNMENT Docket No. 2008P00191WOUS For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor. hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklike Philips N.V. having a place of business at High Tech Campus 5, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application: is executed concurrently herewith was filed on August 31, 2010 having a United States Application No. 12/920.330 was filed on \*\*\*, having an International Application No. \*\*\*, and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications. I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and tegat representatives. I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, twe agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I/We certify that I/we have the full right to convey the above rights. As a below-named Inventor, I hereby declare that the above-identified application was made or authorized to be made by me. and that I am the original inventor or an original joint Inventor of a claimed invention in the application. 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. Signature: , Assignor/Inventor Sabine MOLLUS Date: Signature: . Assignor/inventor Joera BREDNO Date: 18/07/2,0/4 Signature: \_, Assignor/Inventor

Stanature:

Drazenko BABIC

PATENT REEL: 049869 FRAME: 0478

\_, Assignor/Inventor

# ASSIGNMENT

# U.S.A. Sole/Joint

hereby sell, and assign, and tra having a place of business at H	insfer the entire ligh Tech Camp	I/we acknowledge receipt, I/we as a below-named Assign and exclusive right, title, and interest in the following to bus 5, 5656 AE, Eindhoven, the Netherlands, its success actively "the Assignee") my/our invention for which an approximately and the control of t	Koninklijke Philips N.V., ors, assigns, and legal
☐ is executed concurrently he ☐ was filed on August 31, 20 ☐ was filed on ***, having an I	<b>10</b> having a Uni	ited States Application No. <b>12/920,330</b> plication No. ***,	
therewith, based thereon, or cla divisions, continuations, continu	iming priority thuations-in-part, r	other United States, foreign and international patent appererfrom including, but not limited to, any and all provisions re-examinations, reissues, and extensions thereof, and it, and interest in and to any and all patents granted on the	onals, non-provisionals the right to claim priority
I/We authorize and request that and all Letters Patent when gra representatives.	t the Patent Offi nted, solely to t	ice officials in the United States and in any and all foreig the Assignee(s), for its sole use, and that of its successo	n countries to issue any rs, assigns, and legal
Upon request at the expense of proceedings including patent pr	f the Assignee, rosecution action	the Assignee to enjoy the foregoing right, title, and inter I/we agree to execute all papers, take all rightful oaths, t ans and infringement actions, and do all other such acts we ag and maintaining patents on the foregoing invention or	estify in all legal which may be
I/We certify that I/we have the fo	ull right to conve	ey the above rights.	
		hat the above-identified application was made or authorial joint inventor of a claimed invention in the application.	zed to be made by me,
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.			
Date:	Signature: _	Sabine MOLLUS	, Assignor/Inventor
Date:	Signature: _	Joerg BREDNO	, Assignor/Inventor
Date:	Signature: _	Juergen WEESE	, Assignor/Inventor
Date: <u>29/7/2019</u>	Signature: _	Drazenko BABIC	, Assignor/Inventor

PATENT REEL: 049869 FRAME: 0479

**RECORDED: 07/26/2019**