507095718 01/26/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7142556

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENG-WEN HUANG	07/29/2020
HUA XIE	07/29/2020
MAN NGUYEN	08/06/2020
JEAN-LUC FRANCOIS-MARIE ROBERT	08/06/2020
WILLIAM TAO SHI	08/20/2020
CAROLINA AMADOR CARRASCAL	08/20/2020
VIJAY THAKUR SHAMDASANI	11/30/2020

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 52
City:	EINDHOVEN,
State/Country:	NETHERLANDS
Postal Code:	5656 AG

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17630401

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.

Email: flavia.kalinka@philips.com

Correspondent Name: PHILIPS INTELLECUTAL PROPERTY & STANDARD

Address Line 1: 1600 SUMMER STREET

Address Line 2: 5TH FLOOR

Address Line 4: STAMFORD, CONNECTICUT 06905

ATTORNEY DOCKET NUMBER: 2019P00439WOUS	
NAME OF SUBMITTER:	FLAVIA KALINKA
SIGNATURE:	/Flavia Kalinka/
DATE SIGNED:	01/26/2022

PATENT 507095718 REEL: 058780 FRAME: 0871

Total Attachments: 2

source=2019P00439WOUS_Dec_Assignment#page1.tif source=2019P00439WOUS_Dec_Assignment#page2.tif

PATENT REEL: 058780 FRAME: 0872

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

Koninklijke Philips N.V.

having a place of business at High Tech Campus 52, 5656 AG, 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 ***, having a United States Application No. ***
\boxtimes	was filed on 2020-Jul-29, having an International Application No. PCT/EP2020/071413,

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.

Name

Sheng-Wen HUANG

Hua XIE

Man NGUYEN

Jean-Luc Francois-Marie ROBERT

William Tao SHI

Signature

ectronican, ... en Huang ale: Jul 29, 2020 18:18 EDT

Shong-Won Huang

Electronically signed by: hua xio Date: Jul 29, 2020 21:20 EDT

hua xie

robert Reason: I am holding Power of Attomey to sign this document Date: Aug 6, 2020 10:26 EDT Electronically signed by: willia shi Date: Aug 20, 2020 10:32 EDT

PATENT

REEL: 058780 FRAME: 0873

Electronically signed by: Carolina Amador Carrascal Date: Aug 20, 2020 10:48 EDT

Carolina AMADOR CARRASCAL

Vijay Thakur SHAMDASANI

Carolina Amador Carrascal

Carouna Amanor Carrascal Electronically signed by: Vijay SHamdasani Vijay SHamdasani Date: Nov 3, 2020 07:37 EST

> PATENT REEL: 058780 FRAME: 0874

RECORDED: 01/26/2022