07/13/2015 503389022

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3435647

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GABRIEL RYAN MANKOVICH	07/13/2015
THUSITHA DANNANJAYA DE SILVA MABOTUWANA	06/29/2015
YUECHEN QIAN	06/29/2015

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.		
Street Address:	HIGH TECH CAMPUS 44		
City:	EINDHOVEN		
State/Country:	NETHERLANDS		
Postal Code:	5656 AE		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14430927

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: 914-945-6000

Email: babbette.freeman@philips.com

PHILIPS INTELLECTUAL PROPERTY & STANDARD Correspondent Name:

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

NAME OF SUBMITTER:	YAN GLICKBERG
SIGNATURE:	/Yan Glickberg/
DATE SIGNED:	07/13/2015

Total Attachments: 3

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PATENT REEL: 036068 FRAME: 0773 503389022

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

a place of business at I	High Tech Campus 5,5656	ight, title, and interest in the following to AE, Eindhoven, the Netherlands, its succeeds when the Assignee") my/our invention for	essors, assigns, and legal
was filed on	e/us on , ha	ving a Serial No	
therewith, based there- provisionals divisions,	on, or claiming priority the continuations, continuation	her United States, foreign and internationarefrom including, but not limited to, any a as-in-part, re-examinations, reissues, and a right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
		officials in the United States and in any a the Assignee(s), for its sole use, and that	~
extent. Upon request	at the expense of the Assign ading patent prosecution ac r convenient for securing a	ne Assignee to enjoy the foregoing right, the e.g. I/we agree to execute all papers, take tions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
7/13/2015 Date	(sign name here) (print name here)	CAAAAAA Gabriel Ryan MANKOVICH	, Assignor
Date	(print name here)	Yuechen QIAN	, Assignor
Date	(print name here)	Thusitha Dananjaya De Silva MABOTUWANA	, Assignor

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For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), 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 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 executed by me/us on was filed on. having a Serial No. was filed on. 01 Oct 2013, having an International Application No. PCT/B2013/059027, 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, nonprovisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right 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. (sign name here) Date (print name here) Gabriel Ryan MANKOVICH Assignor Date Yuechen QIAN (print name here) Assignor

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MABOTUWANA

Thusitha Dananiava De Silv

PATENT REEL: 036068 FRAME: 0775

. Assignor

U.S.A. Sole/Joint

ASSIGNMENT

and assign, and transfer t a place of business at Hig	he entire and exclusive righ Tech Campus 5,5656 A	re acknowledge receipt, I/we as a below-naght, title, and interest in the following to K AE, Eindhoven, the Netherlands, its succes ely "the Assignee") my/our invention for v	Coninklijke Philips N.V., having sors, assigns, and legal
was filed on	us on, hav	ring a Serial No	
therewith, based thereon, provisionals divisions, co	or claiming priority then	ner United States, foreign and international efrom including, but not limited to, any and is-in-part, re-examinations, reissues, and extight, title, and interest in and to any and a	d all provisionals, non- stensions thereof, and the right to
•		officials in the United States and in any and the Assignee(s), for its sole use; and that o	~
extent. Upon request at t legal proceedings includi	he expense of the Assign ng patent prosecution act	e Assignee to enjoy the foregoing right, tit ee, I/we agree to execute all papers, take all ions and infringement actions, and do all o id maintaining patents on the foregoing inv	Il rightful oaths, testify in all ther such acts which may be
I/We certify that I/we has	e the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Gabriel Ryan MANKOVICH	, Assignor
<u>29 June, 201</u> 5 Date	(print name here)	Yuechen QIAN	. Assignor
Date	(print name here)	Thusitha Dananjaya De Silva MABOTUWANA	, Assignor

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