503593119 12/02/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANNEKE ANNEGARN	12/05/2014
HERIBERT BALDUS	06/26/2014
WARNER RUDOLPH THEOPHILE TEN KATE	06/26/2014

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:	14895369

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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: barbara.kinney@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2013P00084WOUS
NAME OF SUBMITTER:	KEVIN C. ECKER
SIGNATURE:	/kevin c. ecker/
DATE SIGNED:	12/02/2015

Total Attachments: 3

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PATENT 503593119 REEL: 037191 FRAME: 0571

and assign, and transfer a place of business at Hi	the entire and exclusive t gh Tech Campus 5,5656	we acknowledge receipt, I/we as a below-na right, title, and interest in the following to K AE, Eindhoven, the Netherlands, its success vely "the Assignee") my/our invention for w	oninklijke Philips N.V., having sors, assigns, and legal
is executed concurren			
was executed by me/			
		iving a Serial No.	
XI was filed on. 23 May	[,] 2014, having an Interna	tional Application No. PCT/EP2014/06060	7,
therewith, based thereon provisionals divisions, co	, or claiming priority the ontinuations, continuations.	ther United States, foreign and international refrom including, but not limited to, any and ens-in-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	l all provisionals, non- tensions thereof, and the right to
		officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon request at legal proceedings includ	the expense of the Assigning patent prosecution ac	he Assignee to enjoy the foregoing right, titlenee, I/we agree to execute all papers, take all ctions and infringement actions, and do all of and maintaining patents on the foregoing inv	I rightful oaths, testify in all ther such acts which may be
I/We certify that I/we ha	ve the full right to conve	y the above rights.	
5-dec-2014	(sign name here)	J. <u>ganegara</u>	
Date	(print name here)	- Jänneke ANNEGARN	, Assignor
	(sign name here)		
Date	(print name here)	Heribert BALDUS	, Assignor
	(sign name here)		
Date	(print name here)	Warner Rudolph Theophile TEN	, Assignor

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KATE

U.S.A. Sole/Joint

Date

ASSIGNMENT

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby seil, 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 is executed by me/us on
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.
(sign name here)

(sign name here)

Date (print name here) Warner Rudolph Theophile TEN , Assignor KATE

(print name here)

(sign name here) (print name here)

Page 1 of 1

Janneke ANNEGARN

, Assignor

, Assignor

and assign, and trans a place of business a	fer the entire and exclusive r High Tech Campus 5,5656	we acknowledge receipt, I/we as a below-na ight, title, and interest in the following to K-AE, Eindhoven, the Netherlands, its successvely "the Assignee") my/our invention for w	oninklijke Philips N.V., having sors, assigns, and legal
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-	me/us on		
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was filed on. 23 f	vlay 2014, having an Interna	tional Application No. PCT/EP2014/06060	$\eta_{_{i_{j}}}$
therewith, based ther provisionals division	eon, or claiming priority the s, continuations, continuation	her United States, foreign and international refrom including, but not limited to, any and as-in-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	i all provisionals, non- tensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon request legal proceedings inc	at the expense of the Assign luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, titinee, I/we agree to execute all papers, take at tions and infringement actions, and do all or and maintaining patents on the foregoing inv	I rightful oaths, testify in all ther such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Janneke ANNEGARN	, Assignor
	(sign name here)		
Date	(print name here)	Heribert BALDUS	, Assignor
Twenth nory	(sign name here)	6 20	
Date	(print name here)	Warner Rudolph Theophile TEN KATE	, Assignor

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PATENT REEL: 037191 FRAME: 0574