503650765 01/15/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3697400

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LORENZO FERI	12/02/2014
ROBERT JAMES DAVIES	12/02/2014
RONALD RIETMAN	12/02/2014
WILLEM FRANK PASVEER	12/23/2015

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:	14765022	

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: kim.larocca@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:	2011P02648WOUS
NAME OF SUBMITTER:	MEENAKSHY CHAKRAVORTY
SIGNATURE:	/Meenakshy Chakravorty/
DATE SIGNED:	01/15/2016

Total Attachments: 4

source=2011P02648WOUS_Assignments#page1.tif source=2011P02648WOUS_Assignments#page2.tif source=2011P02648WOUS_Assignments#page3.tif

PATENT 503650765 REEL: 037497 FRAME: 0652

 $source = 2011P02648WOUS_Assignments \# page 4.tif$

PATENT REEL: 037497 FRAME: 0653

and assign, and transfer to a place of business at Hi	the entire and exclusive righ Tech Campus 5,5656	ve acknowledge receipt, I/we as a belo ight, title, and interest in the following AE, Eindhoven, the Netherlands, its st rely "the Assignee") my/our invention	to Koninklijke Philips N.V., having accessors, assigns, and legal
sope accesses one, severally	g any minimum (aminin	vey the ressignee / my war mivedition	tor water an approvation.
is executed concurrer	•		
		ving a Serial No	
was filed on. 23 Jan	2014, having an Interneti	onal Application No. PCT/IB2014/05	8485,
and all rights in and to sa	aid application, and all of	her United States, foreign and internat	ional patent applications associated
therewith, based thereon	, or claiming priority the	efrom including, but not limited to, ar	y and all provisionals, non-
provisionals divisions, co	ontinuations, continuation	ns-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority thereto, an	ed the entire and exclusive	e right, title, and interest in and to any	and all patents granted on these
applications.			
•		officials in the United States and in an the Assignee(s), for its sole use, and t	· ·
rogar ropinsormanivos.			
I/We will provide my/ou	ir cooperation to enable t	he Assignee to enjoy the foregoing rig	ht, title, and interest to the fullest
extent. Upon request at	the expense of the Assign	iee, I/we agree to execute all papers, t	ake all rightful oaths, testify in all
legal proceedings includ	ing patent prosecution ac	tions and infringement actions, and do	all other such acts which may be
necessary, desirable, or o	convenient for securing a	nd maintaining patents on the foregoir	ig invention or for perfecting title
thereto in the Assignee.			
I/We certify that I/we ha	ive the full right to conve	v the above rights.	
		e en	
en a gara j e i koje li j e – koje	8	L. L.	
12/02/2014	(sign name here)		
Date *	(print name here)	rotetkoil eki	Assignor
	(sìgn name here)		
Date	(print name here)	Robert James DAVIES	, Assignor
	(sign name here)		
Date	(print name here)	Ronald RIETMAN	, Assignor

Page 1 of 1

Willem Franke PASVEER

(sign name here)
(print name here)

Date

, Assignor

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

and assign, and transf	er the entire and exclusive a	right, title, and interest in the following to	o Koninklijke Philips N.V., having
a place of business at	High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its suc	oessors, assigns, and legal
representatives, inclu-	ding any nominees (collecti	vely "the Assignee") my/our invention for	or which an application:
is executed concu	crently herewith		
	aesus on		
was filed on	ha	ving a Serial No	~~~~~
was filed on. 23 J	an 2014, having an Internat	ional Application No. PCT/IB2014/058	185,
and all rights in and to	o said application, and all of	her United States, foreign and internatio	nal patent applications associated
therewith, based there	on, or claiming priority the	refrom including, but not limited to, any	and all provisionals, non-
provisionals divisions	, continuations, continuatio	ns-in-part, re-examinations, reissues, and	d extensions thereof, and the right to
claim priority thereto,	, and the entire and exclusiv	e right, title, and interest in and to any a	nd all patents granted on these
applications.			
any and all Letters Pa legal representatives. I/We will provide my extent. Upon request legal proceedings incl	tent when granted, solely to four cooperation to enable t at the expense of the Assign luding patent prosecution ac or convenient for securing a	officials in the United States and in any the Assignee(s), for its sole use, and that he Assignee to enjoy the foregoing right nee, I/we agree to execute all papers, taketions and infringement actions, and do and maintaining patents on the foregoing	t of its successors, assigns, and title, and interest to the fullest all rightful oaths, testify in all tother such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
Date	(print name here)	Lorenzo FERI	, Assignor
<u> 2014/02/12</u> Date	(sign name here)	Mais	
Date	(print name here)	Robeřt James DAVIES	, Assignor
	(sign name here)		
Date	(print name here)	Rousld RIETMAN	, Assignor
	(sign name here)		
Date	(print name here)	Willem Franke PASVEER	Assignor

Page 1 of 1

a place of busine	ss at High Tech Campus 5,5656	right, title, and interest in the following t AE, Eindhoven, the Netherlands, its suc vely "the Assignee") my/our invention t	ccessors, assigns, and legal
ichicschauves, i	acradaig say normaes (consci	very the Assignee) my our invention i	ог winch an application;
is executed co	oncurrently herewith		
was executed	by me/us on		
was filed on.	, be	iving a Scrial No	
was filed on.	23 Jan 2014, having an Internat	ional Application No. PCT/IB2014/058	485,
and all rights in a	and to said application, and all o	ther United States, foreign and internation	mal patent applications associated
therewith, based	thereon, or claiming priority the	refrom including, but not limited to, any	and all provisionals, non-
		ns-in-part, re-examinations, reissues, an	
claim priority the applications.	ereto, and the entire and exclusiv	e right, title, and interest in and to any a	nd all patents granted on these
	rs Patent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and the	
extent. Upon reclegal proceedings	uest at the expense of the Assig s including patent prosecution ac ble, or convenient for securing a	he Assignee to enjoy the foregoing right nee, I/we agree to execute all papers, tak stions and infringement actions, and do a and maintaining patents on the foregoing	te all rightful oaths, testify in all ill other such acts which may be
I/We certify that	I/we have the full right to conve	y the above rights.	
	Zod and state time described		
TVis ii	(sign name here)	Lorenzo FERI	A secretaria, for
Date	(print name here)	Collings rest	, Assignor
	(sign name here)		
Date	(print name here)	Robert James DAVIES	, Assignor
		AND LONG LONG	
<u> 2014-42-1</u>	2 (sign name here)		
Date	(print name here)	Konsid-RIFTMAN	, Assignor
	(sign name here)		
Date	(print name here)	Willem Franke PASYEER	, Assignor

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

Page 1 of 1

to

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 High Tech Campus 5,5656	right, title, and interest in the following AE, Eindhoven, the Netherlands, its suvely "the Assignee") my/our invention	ccessors, assigns, and legal
is executed conc	urrently herewith		
was executed by	me/us on	r first for the first for the first first for the conservation of	
		ving a Serial No	***************************************
was filed on. 23	Jan 2014, having an Internat	ional Application No. PCT/IB2014/058	1485,
therewith, based the provisionals division	reon, or claiming priority then ns, continuations, continuation	her United States, foreign and internation refrom including, but not limited to, any as-in-part, re-examinations, reissues, and e right, title, and interest in and to any a	and all provisionals, non- d extensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any the Assignce(s), for its sole use, and the	
extent. Upon reques legal proceedings in	st at the expense of the Assign cluding patent prosecution ac , or convenient for securing a	te Assignee to enjoy the foregoing right nee, I/we agree to execute all papers, tal- tions and infringement actions, and do a nd maintaining patents on the foregoing	te all rightful oaths, testify in all all other such acts which may be
I/We certify that I/w	e have the full right to convey	v the above rights.	
	(sign name here)		
Date	(print name here)	Larenzo FERI	. Assignor
	(sign name here)		
Date	(print name here)	Robert James DAVIES	A No.
	(first states acre)	Topologianus President	, Assignor
	(sign name here)		
Date	(print name here)	Ronald RIETMAN	, Assignor
23-12-15	(sign name here)		*** **********************************
Date	(print name here)	Willem Franke PASVEER	, Assignor

Page 1 of 1