## 503536671 10/23/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14786567

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NAME OF SUBMITTER:	MICHAEL E. BELK
SIGNATURE:	/Michael E. Belk/
DATE SIGNED:	10/23/2015

### **Total Attachments: 3**

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PATENT 503536671 REEL: 036863 FRAME: 0290

Date

77764	2.00	e acknowledge receipt, I/we as a belo ght, i≤, and interest in &he following	ow-named Assignor(s), hereby sell, to Koninklijke Philips N.V., having
*	**************************************	E, Eindhoven, the Netherlands, its s	
representatives, including	any nominees (collective	ely "the Assignee") my our invention	itor which an applications
s executed concurren	tly herewith		
was executed by mean	80n		
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was filed on. 16 May	2014, having an Internati	onal Application No. PCT/EP2014/6	060109,
and all mights in and to so	id application, and all oth	er United States, foreign and internal	ional patent applications associated
therewith, based thereon,	or claiming priority there	from including, but not limited to, a	ny and all provisionals, non-
• 12000		그는 그렇게 그는 그릇을 하는 것이 어떻게 되었다.	and extensions thereof, and the right to
	d the entire and exclusive	nght, title, and interest in and to any	and all patents granted on these
applications.			
I/We authorize and seque	si thai the Patent Office o	officials in the United States and in ar	ny and all foreign countries to issue
any and all Letters Patent	when granted, solely to t	he Assignee(i), for its sole use, and i	hat of its successors, assigns, and
legal representatives.			
exterii. Upon request at i legal proceedings includi	hs expense of the Assigna ng patent passecution acti	e Assignee to enjoy the foregoing rig ee. I'we agree to execute all papers, t ions and infringement actions, and do d maintaining patents on the foregoin	ake all rightful oaths, testify in all all all other such acts which may be
I/We certify that I/we has	vethe full right to convey	the above rights.	
c Jurg205"	(sign mame here)	Werner Padess Josephus DE BRU	IJN & Assignor
	Massu mane meses	3,04834 3 to	Section Sectio
Date	(print name here)	Aki Sakeri HAKWA	, Assignor

(print name here)

Arnoldus Werner Johannes OOMEN

, Assignor

•	•	e acknowledge receipt, I/we as a below-name ght, title, and interest in the following to Kon	
••		AE, Eindhoven, the Netherlands, its successor	
•	-	ely "the Assignee") my/our invention for wh	
is executed concurre	ently herewith		:
was executed by me	/us on	81121112112112112111111111111111111111	
was filed on	, hav	ring a Serial No	14114F
was filed on. 16 Ma	y 2014, having an Internat	ional Application No. PCT/EP2014/060109,	
and all rights in and to	said application, and all oth	er United States, foreign and international pa	stent applications associated
therewith, based thereon	n, or claiming priority there	efrom including, but not limited to, any and a	ll provisionals, non-
provisionals divisions,	continuations, continuation	s-in-part, re-examinations, reissues, and exte	nsions thereof, and the right to
claim priority thereto, a applications.	nd the entire and exclusive	right, title, and interest in and to any and all	patents granted on these
•		officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	•
extent. Upon request at legal proceedings inclu-	t the expense of the Assign ding patent prosecution act convenient for securing ar	e Assignee to enjoy the foregoing right, title, ee, I/we agree to execute all papers, take all r ions and infringement actions, and do all other ions and patents on the foregoing inventage in the foregoing inventage in the foregoing inventage in the foregoing inventage in the foregoing in the f	ightful oaths, testify in all er such acts which may be
I/We certify that I/we h	ave the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Werner Paulus Josephus DE BRUIJN	, Assignor
19/2/2015	AKIHARNA	120c	
Date Jane	(print name here)	Aki Sakari HARMA	, Assignor
Date	(print name here)	Arnoldus Werner Johannes OOMEN	, Assignor

and assign, and transfer the a place of business at Hig	e entire and exclusive rig h Tech Campus 5,5656 A	e acknowledge receipt, I/we as a below-named ght, title, and interest in the following to Konin LE, Eindhoven, the Netherlands, its successors ely "the Assignee") my our invention for which	nklijke Philips N.V., having s, assigns, and legal
	s on, hav	ing a Serial Noonal Application No. PCT/EP2014/060109,	••••
therewith, based thereon, provisionals divisions, co	or claiming priority there	er United States, foreign and international pate efrom including, but not limited to, any and all s-in-part, re-examinations, reissues, and exten right, title, and interest in and to any and all p	l provisionals, non- sions thereof, and the right to
•		officials in the United States and in any and all the Assignee(s), for its sole use, and that of its	
extent. Upon request at t legal proceedings includi	he expense of the Assign ng patent prosecution act	e Assignee to enjoy the foregoing right, title, ee, I/we agree to execute all papers, take all ri ions and infringement actions, and do all othe id maintaining patents on the foregoing invent	ghtful oaths, testify in all r such acts which may be
I/We certify that I/we have	ve the full right to convey	the above rights.	
<u> </u>	(sign name here)		
Onte	(print name here)	Werner Paulus Josephus DE BRUIJN	, Assignor
Date	(print name here)	Aki Sakari HARMA	, Assignor
Nano 30, 2015	(print name here)	Arnoldus Werner Johannes OOMEN	, Assignor

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**RECORDED: 10/23/2015**