## 503581285 11/23/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3627913

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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MARCELLINUS PETRUS CAROLUS MICHAEL KRIJN	05/22/2014
JOCHEN RENAAT VAN GHELUWE	05/20/2014

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14893210

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NAME OF SUBMITTER:	YULIYA R. MATHIS
SIGNATURE:	/Yuliya Mathis/
DATE SIGNED:	11/23/2015

#### **Total Attachments: 3**

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PATENT 503581285 REEL: 037117 FRAME: 0242

and assign, and tra a place of busines	ansfer the entire and exclusive to a at High 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 succes vely "the Assignee") my/our invention for v	oninklijke Philips N.V., having sors, assigns, and legal
is executed con was executed l was filed on	ncurrently herewith by me/us on, ha		
therewith, based the provisionals divisionals	nereon, or claiming priority the ions, continuations, continuations,	her United States, foreign and international refrom including, but not limited to, any and us-in-part, re-examinations, reissues, and exe right, title, and interest in and to any and a	fall provisionals, non- tensions thereof, and the right to
	Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	<del></del>
extent. Upon requiregal proceedings	test at the expense of the Assign including patent prosecution ac le, or convenient for securing a	he Assignee to enjoy the foregoing right, tit. nee, I/we agree to execute all papers, take al tions and infringement actions, and do all o nd maintaining patents on the foregoing inv	l 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.	
26-05-	- Lo14 (sign name here)	Omacle,	
Date	(print name here)	Gabriel-Eugen ONAC	, Assignor
Date	(print name here)	Marcellinus Petrus Carolus Michael KRIIN	, Assignor
Date	(print name here)	Jochen Renant VAN GHELUWE	, 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,

a place of business at	High Tech Campus 5,5656	right, title, and interest in the following to FAE, Eindhoven, the Netherlands, its successible "the Assignee") my/our invention for	ssors, assigns, and legal
was filed on	nesus on, ha	ving a Serial Notional Application No. PCT/EP2014/0602	
therewith, based there provisionals divisions.	on, or claiming priority the , continuations, continuatio	ther United States, foreign and international refrom including, but not limited to, any an ns-in-part, re-examinations, reissues, and e re right, title, and interest in and to any and	d all provisionals, non- xtensions thereof, and the right to
		officials in the United States and in any an the Assignce(s), for its sole use, and that of	
extent. Upon request legal proceedings included necessary, desirable, of the ereto in the Assigner	at the expense of the Assignuding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, ti nee, I/we agree to execute all papers, take a ctions and infringement actions, and do all a and maintaining patents on the foregoing in ty the above rights.	all rightful oaths, testify in all other such acts which may be
	(sign name here)		
Date	(print name here)	Gabriel-Eugen ONAC	, Assignor
Date Date	(print name here)	Marcellinus Petrais Caroles  Michael KRIM	, Assignor
Date	(print name here)	Jochen Renant VAN GHELUWE	, Assignor

Page 1 of 1

		we acknowledge receipt, I/we as a below-nar	
		right, title, and interest in the following to Ko	
		AE, Eindhoven, the Netherlands, its success	
representatives, inclu	ding any nominees (collecti	vely "the Assignee") my/our invention for w	hich an application:
is executed concu	rrently herewith		
was executed by	ne/us on	***************************************	
was filed on	, ha	ving a Serial No	2442444
was filed on. 20 M	Aay 2014, having an Interna	tional Application No. PCT/EP2014/06027	1,
and all rights in and t	o said application, and all o	her United States, foreign and international p	patent applications associated
		refrom including, but not limited to, any and	7.7
		ns-in-part, re-examinations, reissues, and ext	
		e right, title, and interest in and to any and a	
applications.	,	<u></u>	Section Section 2
I/We authorize and re	equest that the Patent Office	officials in the United States and in any and	all foreign countries to issue
any and all Letters Pa	itent 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 t	he Assignee to enjoy the foregoing right, title	E. and interest to the fullest
		nee, I/we agree to execute all papers, take all	
		tions and infringement actions, and do all ot	
		nd maintaining patents on the foregoing inve	
thereto in the Assigno		<u> </u>	, , , , , , , , , , , , , , , , , , ,
~			
I/We certify that I/we	have the full right to conve	y the above rights.	
	(sign name here)		National data (Santa) (Alba Alba Alba Alba Alba Alba Alba Alba
Date	(print name here)	Gabriel-Eugen ONAC	, Assignor
Date	(print name here)	Marcellinus Petrus Carolus	, Assignor
1AY 20 <sup>TH</sup> 2014		Michael KRIJN Ja Chalune forker	general desirance desirance de la companya de la co
Date	(print name here)	Jochen Renaat VAN GHELUWE	, Assignor

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PATENT REEL: 037117 FRAME: 0245

**RECORDED: 11/23/2015**