504822625 03/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4869360

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DATA			
	Name	Execution Date	
HERBERT LIFKA		09/19/2016	
JOANNA MARIA ELISABETH BAKEN		03/16/2018	
REINDER COEHOORN		03/08/2018	
PAULUS ALBERTUS VAN HAL		03/06/2018	
HERFRIED KARL WIECZOREK		09/19/2016	
HELGA HUMMEL		09/24/2016	
CORNELIS REINDER RONDA		09/20/2016	
CONNELIS REINDER RONDA		00/20/2010	

MATTHIAS SIMON

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:	15760645	

CORRESPONDENCE DATA

Fax Number: (914)495-9540			
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: 9	14-495-9516			
Email: r	oemi.chapa@Philips.com			
Correspondent Name: F	HILIPS INTELLECTUAL PROPERTY & STANDARD			
Address Line 1: 4	465 COLUMBUS AVENUE			
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Address Line 4:	VALHALLA, NEW YORK 10595			
ATTORNEY DOCKET NUMBER: 2015P00882WOUS				
NAME OF SUBMITTER:	NOEMI CHAPA			
SIGNATURE:	ATURE: /Noemi Chapa/			

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PATENT REEL: 045245 FRAME: 0181

09/23/2016

DATE SIGNED:	03/16/2018		
Total Attachments: 16			
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ASSIGNMENT

Docket No. 2015P00882WOUS

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. 16 Sep 2016, having an International Application No. PCT/EP2016/072065,

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 to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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I/We will provide my/our cooperation to enable the Assignce to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignce, 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 Assignce.

I/We certify that I/we have the full right to convey the above rights.

19-9-2016	(sign name here)	Mpr	
Date	(print name here)	Herbert LIFKA	, Assignor
Date	(print name here)	Joanna Maria Elisabeth BAKI	EN , Assignor
Date	(print name here)	Reinder COEHOORN	, Assignor
		David 460	
		Page 1 of 2	
		R	PATENT EEL: 045245 FRAME: 0183

Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
Date	(print name bere)	Helga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

ASSIGNMENT

Docket No. 2015P0(

هيد عرب

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was filed on , having a Serial	l No.

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I/We certify that I/we have the full right to convey the above rights.

Date

(sign name here) (print name here)

Herbert LIFKA

, Assignor

16-03	-2018 JBake	Noise ann	
Date	(print name here)	Joanna Maria Elisabeth BAKEN	, Assignor
	J.M.E. BAI	KEN	
Date	(print name here)	Reinder COEHOORN	, Assignor
Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
Date	(print name here)	Heiga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

PATENT REEL: 045245 FRAME: 0186 w

ASSIGNMENT

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	(sign name here)		
Date	(print name here)	Herbert LIFKA	, Assignor
Date	(print name here)	Joanna Maria Elisabeth BAKEN	, Assignor
<u>)-3-2016</u> Date	(print name here)	Reinder COEHOORN	, Assignor

Page 1 of 2

Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
Date	(print name bere)	Helga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

ASSIGNMENT

6 march 2018 All-

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	(sign name here)		
Date	(print name here)	Herbert LIFKA	, Assignor
Date	(print name here)	Joanna Maria Elisabeth BAKEN	, Assignor
Date	(print name here)	Reinder COEHOORN	, Assignor

Page 1 of 2

6 marc	h 2018		Flal
Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
Date	(print name here)	Helga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

ASSIGNMENT

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Date	(print name here)	Reinder COEHOORN	, Assignor

Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
79,9,20-48 Date	(print name here)	Herfried Griever	. Assignor
	Unite bane beter		, 2 MC 49404
Date	(print name here)	Helga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

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Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
Date	(print name here)	Herfried Karl WIECZOREK	, Assignor
24/9/16 Date	(print name here)	AlumAnd Helga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

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Date	(print name here)	Paulus Albertus VAN HAL	, Assignor
Date	(print name here)	Heriried Karl WIECZOREK	, Assignor
Date	(print name here)	Heiga HUMMEL	, Assignor
016/09/20 Date	(print name here)	Cornells Kirder Rande Cornells Reinder RONDA	, Assignor
Date	(print name here)	Matthias SIMON	, Assignor

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Date	(print name here)	Herbert LIFKA	, Assignor
Date	(print name here)	Joanna Maria Elisabeth BAKEN	Amionae
L'ALL	(prin name nero)	avanna fontra clonadelik (dekkud)	, Assignor
Date	(print name here)	Reinder COEHOORN	, Assignor

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Date	(print name here)	Helga HUMMEL	, Assignor
Date	(print name here)	Cornelis Reinder RONDA	, Assignor
23-09-2016		Matterio Vinnon	
Date	(print name here)	Matthias SIMON	, Assignor