505450573 04/29/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL B. KNEPPER	04/26/2019
STEVEN ADAM KIMMEL	04/26/2019

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:	16220018	

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NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	04/29/2019

Total Attachments: 1

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PATENT 505450573 REEL: 049023 FRAME: 0947

having a place of business a	i dansie: ine enur It High Tech Cam	h I/we acknowledge receipt. I/we as a below-n e and exclusive right, tille, and interest in the f ipus 5, 5656 AE, Eindhoven, the Netherlands, ectively "the Assignee") my/our invention for w	dlowing to Koninklijke Philips N.V.,
is executed concurrently	herewith		
		United States Application No. 16/220,018	
was flied on *** having a	in International A	polication No. 1889	
	and the second of the second s	ppmoznen i ser.	
divisions, continuations, conti	inualions-in-part	i other United States, foreign and international herefrom including, but not limited to, any and re-examinations, reissues, and extensions the a, and interest in and to any and all patents gra	all provisionals, non-provisionals
//We authorize and request to and all Letters Patent when of representatives.	hat the Patent Off granted, solely to	fice officials in the United States and in any an the Assignee(s), for its sole use, and that of its	d all foreign countries to issue any successors, assigns, and legal
proceedings including patent	Oroseculion actic	the Assignee to enjoy the foregoing right, tille l/we agree to execute all papers, take all right ans and infringement actions, and do all other t ing and maintaining patents on the foregoing in	ful caths, testify in all legal
I/We certify that I/we have the	a full right to conv	ey the above rights	
As a below-named inventor, and that I am the original inve	l hereby declare to ontor or an origina	hat the above-identified application was made il joint inventor of a claimed invention in the ap	or authorized to be made by me, plication.
I hereby acknowledge that an imprisonment of not more that	y willful false stat n five (5) years, c	ement made in this declaration is punishable ι r both	inder 18 U.S.C. 1001 by fine or
Date: 4/26/19	Signature:	miles 10 thoughan	, Assignor/inventor
		Michael B. KNEPPER	
Date: 4/36/3019	Signature:	Atmadam OK.	, Assignor/Inventor
· · · · · · · · · · · · · · · · · · ·		Steven Adam Kinanari	

PATENT REEL: 049023 FRAME: 0948

RECORDED: 04/29/2019