504493178 08/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4539880

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
SHARP CORPORATI	ON		09/30/2015		
RECEIVING PARTY I	DATA				
Name:		KONINKLIJKE PHILIPS N.V.			
Street Address:	HIGH TE	HIGH TECH CAMPUS 5			
City:	EINDHO	EINDHOVEN			
State/Country:	NETHER	NETHERLANDS			
Postal Code:	5656 AE				
PROPERTY NUMBER	RS Total: 2				
Property Type		Number			
Application Number:		12091584			
Application Number:		5137489			
CORRESPONDENCE	E DATA				
Fax Number: (914)		14)495-9540			
		he e-mail address first; if that is u if that is unsuccessful, it will be s			
•		atelyn.mulroy@philips.com			
Correspondent Name:		PHILIPS IP&S			
		65 COLUMBUS AVE			
Address Line 2:		JITE 340			
Address Line 4:	V	ALHALLA, NEW YORK 10595			
ATTORNEY DOCKET NUMBER:		2005P03073US02	2005P03073US02		
NAME OF SUBMITTER:		TAWFIK GOMA	TAWFIK GOMA		
SIGNATURE:		/Tawfik Goma/			
DATE SIGNED:		08/08/2017	08/08/2017		
Total Attachments: 1		1			
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ANNEX 2 Deed of Assignment

This Deed of Assignment is made between Sharp Corporation, also known as Sharp Kabushiki Kaisha, having its registered office in Osaka, Japan ("Assignor") and Koninklijke Philips N.V., having its registered office in Eindhoven, The Netherlands ("Assignee").

WHEREAS, Assignor and Assignee have agreed on the sale, transfer and assignment of Assignor's ownership interest in and to (a) the patents and patent applications specified in Annex A attached to this deed of assignment; (b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of such patents and patent applications (whether pending, issued, abandoned or filed prior to, on or after the Effective Date); (c) all patents and patent applications (i) to which any or all of the foregoing directly or indirectly claims priority, or (ii) for which any or all of the foregoing directly or indirectly forms a basis for priority or otherwise provides the benefit of an earlier filing date, or (iii) having a claim to priority to any patent or patent application from which any or all of the foregoing claims priority; (d) all foreign counterparts and patent and patent applications corresponding to any or all of the foregoing, and all utility models, design patents, certificates of invention, patent registration and equivalent rights worldwide, and (e) all rights of priority in relation to any of the foregoing (collectively: "the Patents");

NOW THEREFORE for 1 (one) Euro and other good and valuable consideration, receipt of which is hereby acknowledged, Assignor hereby confirms the sale, assignment and transfer to Assignee of all Assignor's worldwide right, title, and interest in and to the Patents, to be held and enjoyed by Assignee, in its full discretion, including but not limited to all rights to past, present and future damages and claims to lost profits resulting from infringement of the Patents and the right to sue for such damages and lost profits and for any other form of relief in connection with infringement of the Patents, as well as all rights to royalties under the Patents and the right to collect these royalties.

IN WITNESS WHEREOF, Assignor has executed this Deed of Assignment on the date below. The person signing this Deed of Assignment on behalf of Assignor represents that he/she is fully authorised to execute this Deed of Assignment on behalf of Assignor.

Sharp Corporation (aka Sharp Kabushiki Kaisha)

Signature:	Kiyashi Yonetsu
Name:	Kiyoshi Yonetsu
Title:	Division Deputy General Manager, Corporate R&D Division
Effective Date:	September 30,2015

Accepted for and on behalf of:

Koninklijke Philips N.V.

Signature:	ature:		
Signature: Name:	K.J. ELEVELD		
Title:	HEAD OF IP GEENSING		
Date:	30 SEP 2015		

RECORDED: 08/08/2017