PATENT ASSIGNMENT

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SUBMISSION TYPE:		N	EW ASSIGNMENT		
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CONVEYING PART	Y DATA				
			e	Execution Da	te
HANS-PETER LOEBL				04/29/2013	
HERBERT FRIEDRICH BOERNER				05/30/2013	
CLAUDI MICHAELA GOLDMANN				04/26/2013	
RECEIVING PARTY	/ DATA				
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Property	Туре		Number		
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Property Application Numbe		13883797			
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Total Attachments: 2

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ASSIGNMENT

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 Electronics N.V., having a place of business at Groenewoudseweg 1, 5621 BA 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
🔀 was filed on. 2011-Nov-03, having an International Application No. PCT/IB2011/054894,

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.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent 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 the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, 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 Assignee.

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

(sign name here) (print name here)

Hans-Peter LOEBL

, Assignor

Date

<u>26.04.</u> Date (print name here)

(print name here)

Herbert Friedrich BOERNER

18-192 GOBLED Claudia Michaela GOLDMANN

Page 1 of 1

PATENT REEL: 030710 FRAME: 0657 U.S.A. Noteritoint

ASSIGNMENT

Decket No. 2010P01023WOUS

REEL: 030710 FRAME: 0658

For good and calculate consideration, of which lowe acknowledge receipt, lowe at a below normed Academic, factor and and assign, and transfer the entire and exclusive right, title, and interest in the following to Kommittige Philips Flecture and N.V., Faving a place of business of Groesowendscover, 1, 5621 BA Floothover, the botherhaute, in case more surger, and legal representatives, including any noninces (collectively "the Assigner") are an invention for which in approximate.

()) is executed associatently berewith.

[5] was filed on. 2011 Nov-03, having an international Application No. PCT/BD2011/054894.

and all rights in and is said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or classing priority therefrom including, but not limited to, any and all provisionate from provisionals divisions, continuations, continuations-in-part, re-examinations, reisones, and extensions thereat, and the right to classic priority thereto, and the entire and exclusive right, site, and interest in and to any and all patents granted on free applications.

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Use with provide myour cooperation to enable the Assignee to anjoy the longening right, this, and interest to the little colori. Upon request at the expense of the Assignee, lowe agree to consiste all papers, take all rightful radis, which must be expense of the Assignee, lowe agree to consiste all papers, take all rightful radis, which must be expense of the Assignee, lowe agree to consiste all papers, take all rightful radis, which must be expenses and infringement actions, and do all other such agree to exceed the accounty and examples on the bacquing investion or for period the filler the force on the Assignee.

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