

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Josef Andreas SCHUG	11/21/2005
Joseph Ludovicus Antonius Maria SORMANI	09/09/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Koninklijke Philips Electronics N V
<b>Street Address:</b>	Groenewoudseweg 1
<b>City:</b>	Eindhoven
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5621 BA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11573014
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)332-0615
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	914-332-0222
<b>Email:</b>	jeanne.rusciano@PHILIPS.COM
<b>Correspondent Name:</b>	Robert J. Kraus
<b>Address Line 1:</b>	P.O. BOX 3001
<b>Address Line 2:</b>	Intellectual Property & Standards
<b>Address Line 4:</b>	BRIARCLIFF MNR., NEW YORK 10510-8001
<b>ATTORNEY DOCKET NUMBER:</b>	DE040215
<b>NAME OF SUBMITTER:</b>	Robert J. Kraus
<b>Total Attachments: 2</b>	
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**PATENT**

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**REEL: 018832 FRAME: 0346**

For good and valuable consideration, of which I/we acknowledge receipt, I/we, as a below-named Assignor(s), hereby sell, 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, NL, 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 ....., having a Serial No. ....
- was filed on August 2, 2005, having an International Application No. PCT/IB2005/052585

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, non-provisionals divisions, continuations, continuations-in-part, reexaminations, 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 issues any and all Letters Patent when granted, solely to Koninklijke Philips Electronics N.V., 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 prosecutorial 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.

21.11.05 (sign name here)  , Assignor  
 Date (print name here) Josef Andreas SCHUG

(sign name here) \_\_\_\_\_ , Assignor  
 Date (print name here) Joseph Ludovicus Antonius Maria  
 SORMANI

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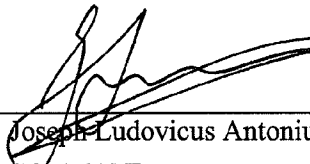
and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, 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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	(sign name here)		
Date	(print name here)	Josef Andreas SCHUG	, Assignor

	(sign name here)		
Date	(print name here)	Joseph Ludovicus Antonius Maria SORMANI	, Assignor