

**PATENT ASSIGNMENT**

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NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIMOTHY JAMES MOULSLEY	11/12/2010
CHOO CHIAU CHIAU	11/09/2010
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12896085
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**PATENT**  
**REEL: 025502 FRAME: 0537**

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Total Attachments: 4

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\_\_\_\_\_  
Date

\_\_\_\_\_  
(sign name here)  
\_\_\_\_\_  
(print name here)

\_\_\_\_\_  
Choo Chiap CHIAU

\_\_\_\_\_  
, Assignor

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, and to Sharp Kabushiki Kaisha, having a place of business 22-22 Nagaike-cho Abeno-ku Osaka 545-8522 –Japan 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 .....October 1st, 2010..... , having a Serial No. 12/896085.
- was filed on ..... having an International Application No. .... ,

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.

\_\_\_\_\_ (sign name here) \_\_\_\_\_, Assignor  
 Date (print name here) Timothy James MOULSLEY

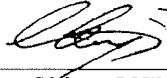
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9/11/10

Date

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Choo Chiap CHIAU

, Assignor