

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kuang-Wei CHENG</td> <td>09/01/2012</td> </tr> <tr> <td>Minkyu JE</td> <td>08/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kuang-Wei CHENG	09/01/2012	Minkyu JE	08/31/2012
Name	Execution Date						
Kuang-Wei CHENG	09/01/2012						
Minkyu JE	08/31/2012						
RECEIVING PARTY DATA							
Name:	Agency for Science, Technology and Research						
Street Address:	1 Fusionopolis Way #20-10						
City:	Connexis						
State/Country:	SINGAPORE						
Postal Code:	138632						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13591967</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13591967		
Property Type	Number						
Application Number:	13591967						
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Total Attachments: 2 source=213-546_Assignment#page1.tif source=213-546_Assignment#page2.tif							

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**Assignment of Invention and Patent Application**

For value received, I (We), the undersigned inventors (hereinafter ASSIGNOR(s)), hereby sell, assign, transfer, and set over unto Agency for Science, Technology and Research and its successors or assigns (hereinafter ASSIGNEE) all of the following:

(A) ASSIGNOR'S right, title and interest in and to the invention entitled: Circuit Arrangement and Receiver Including the Circuit Arrangement invented by ASSIGNOR(s): Kuang-Wei CHENG and Minkyu JB

(B) the application for United States patent therefor, signed by ASSIGNOR,  
 filed herewith, or  
 U.S. Patent and Trademark Office Serial Number 13/591,967; filed August 22, 2012;

(C) any patent or reissues of any patent that may be granted thereon; and

(D) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application. ASSIGNOR authorizes ASSIGNEE To enter the date of signature and/or Serial Number and Filing Date in the spaces above. ASSIGNOR also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to ASSIGNEE.

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, ASSIGNOR'S entire right, title and interest in and to said invention in each and every country foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE all priority rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to execute all papers, give any required testimony and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

Date: <u>Sept. 1, 2012</u>	First Inventor	<u>Kuang-Wei CHENG</u>
Date: _____	Second Inventor	<u>Minkyu JB</u>
Date: _____	Third Inventor	_____
Date: _____	Fourth Inventor	_____
Date: _____	Fifth Inventor	_____
Date: _____	Sixth Inventor	_____
Date: _____	Seventh Inventor	_____
Date: _____	Eighth Inventor	_____
Date: _____	Ninth Inventor	_____
Date: _____	Tenth Inventor	_____

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Date: _____	First Inventor	<u>Kuang-Wei CHENG</u>
Date: <u>31 Aug 2012</u>	Second Inventor	<u>Minkyu JE</u>
Date: _____	Third Inventor	_____
Date: _____	Fourth Inventor	_____
Date: _____	Fifth Inventor	_____
Date: _____	Sixth Inventor	_____
Date: _____	Seventh Inventor	_____
Date: _____	Eighth Inventor	_____
Date: _____	Ninth Inventor	_____
Date: _____	Tenth Inventor	_____

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