

**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>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yue-Kai Huang</td> <td>10/10/2008</td> </tr> <tr> <td>Ting Wang</td> <td>10/14/2008</td> </tr> <tr> <td>Philip Nan Ji</td> <td>10/07/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yue-Kai Huang	10/10/2008	Ting Wang	10/14/2008	Philip Nan Ji	10/07/2008
Name	Execution Date								
Yue-Kai Huang	10/10/2008								
Ting Wang	10/14/2008								
Philip Nan Ji	10/07/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	NEC Laboratories America, Inc.								
<b>Street Address:</b>	4 INDEPENDENCE WAY								
<b>Internal Address:</b>	Suite 200								
<b>City:</b>	PRINCETON								
<b>State/Country:</b>	NEW JERSEY								
<b>Postal Code:</b>	08540								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12200219</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12200219				
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Application Number:	12200219								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(609)951-2480								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	609-951-2522								
<b>Email:</b>	jill@nec-labs.com								
<b>Correspondent Name:</b>	NEC LABORATORIES AMERICA, INC.								
<b>Address Line 1:</b>	4 INDEPENDENCE WAY								
<b>Address Line 2:</b>	Suite 200								
<b>Address Line 4:</b>	PRINCETON, NEW JERSEY 08540								
<b>ATTORNEY DOCKET NUMBER:</b>	08002								
<b>NAME OF SUBMITTER:</b>	Jill Thompson								
Total Attachments: 1									

**CH \$40.00 12200219**



ASSIGNMENT

Whereas, we,

- (1) Yue-Kai Huang, of 220A Halsey Street, Princeton, NJ 08540; and
- (2) Ting Wang, of 21 Halstead Place, Princeton, NJ 08540; and
- (3) Philip Nan Ji, of 37 Castleton Road, Princeton, NJ 08540

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application Serial No. 12/200,219 filed August 28, 2008 entitled:

**PHOTONIC FILTER BANK FOR  
HIGH-SPEED ANALOG-TO-DIGITAL CONVERSION**

Whereas, NEC Laboratories America, Inc.  
4 Independence Way, Suite 200  
Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

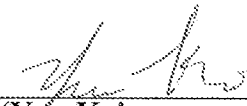
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

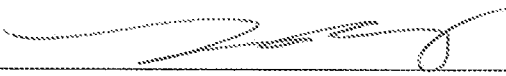
INVENTOR 1:

DATED on 10/10/08

  
 \_\_\_\_\_  
 (Yue-Kai Huang)  
 First Name Middle Initial Last Name

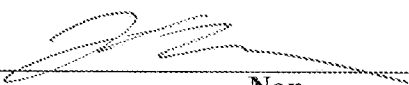
INVENTOR 2:

DATED on 10/14/08

  
 \_\_\_\_\_  
 (Ting Wang)  
 First Name Middle Initial Last Name

INVENTOR 3:

DATED on 10/7/08

  
 \_\_\_\_\_  
 (Philip Nan Ji)  
 First Name Middle Initial Last Name