

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Duixian Liu</td> <td>04/30/2010</td> </tr> <tr> <td>Ho-Chung Chen</td> <td>04/30/2010</td> </tr> <tr> <td>Brian Allan Floyd</td> <td>05/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	Duixian Liu	04/30/2010	Ho-Chung Chen	04/30/2010	Brian Allan Floyd	05/07/2010		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MEDIATEK INC.</td> </tr> <tr> <td>Street Address:</td> <td>No. 1, Dusing Rd. 1st, Science-Based Industrial Park</td> </tr> <tr> <td>City:</td> <td>Hsin-Chu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	MEDIATEK INC.	Street Address:	No. 1, Dusing Rd. 1st, Science-Based Industrial Park	City:	Hsin-Chu	State/Country:	TAIWAN		
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
Fax Number: (703)997-4517 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 3027291562 Email: Patent.admin.uspto.cr@naipo.com Correspondent Name: WINSTON HSU Address Line 1: P.O.BOX 506 Address Line 4: Merrifield, VIRGINIA 22116											
ATTORNEY DOCKET NUMBER:	MTKP1026USA										

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**501173320**

**PATENT**  
**REEL: 024370 FRAME: 0066**

NAME OF SUBMITTER:	JANINE CHANG
<p>Total Attachments: 6</p> <p>source=840170#page1.tif</p> <p>source=840170#page2.tif</p> <p>source=840170#page3.tif</p> <p>source=840170#page4.tif</p> <p>source=840170#page5.tif</p> <p>source=840170#page6.tif</p>	

DOCKET NUMBER: MTK-P1026USA  
( IBM DOCKET: YOR8-2009-0244US1)

**ASSIGNMENT**

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **CIRCUIT DEVICE WITH SIGNAL LINE TRANSITION ELEMENT**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: \_\_\_\_\_

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;


Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

[Inventor Signature Page(s) Follows]

DOCKET NUMBER: MTK-P1026USA  
(IBM DOCKET: YOR8-2009-0244US1)

Executed by Inventor 2

Signature:  Date: 4/30/2010  
Duixian Liu

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Brian Allan Floyd

DOCKET NUMBER: MTK-P1026USA  
(MEDIATEK Docket: MTKI-10-030US)

**ASSIGNMENT**

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Title of the Invention: **CIRCUIT DEVICE WITH SIGNAL LINE TRANSITION ELEMENT**

and further identified by the MEDIATEK Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: \_\_\_\_\_

Whereas, MEDIATEK, Incorporated, a corporation of Taiwan, R.O.C. having a place of business at Hsin-Chu, Taiwan (herein referred to as "MEDIATEK"), desires to acquire, and each undersigned Inventor desires to grant to MEDIATEK, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to MEDIATEK (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to MEDIATEK, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by MEDIATEK, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in MEDIATEK, its successors, legal representatives, and assigns, whenever requested by MEDIATEK, its successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to MEDIATEK and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants MEDIATEK, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment.

[Inventor Signature Page(s) Follows]

DOCKET NUMBER: MTK-P1026USA  
(MEDIATEK Docket: MTKI-10-030US)

**Executed by Inventor 1**

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Signature: Ho-Chung Chen Date: 2010/04/30  
Ho-Chung Chen

DOCKET NUMBER: MTK-P1026USA  
(IBM DOCKET: YOR8-2009-0244US1)

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Executed by Inventor 2

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Dulxian Liu

Signature: Brian A. Floyd Date: 5/7/2010

Brian Allan Floyd