

## 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>Juang-Ying Chueh</td> <td>02/12/2008</td> </tr> <tr> <td>Jerry Kao</td> <td>01/18/2008</td> </tr> <tr> <td>Visvesh Sathe</td> <td>02/13/2008</td> </tr> <tr> <td>Marios C. Papaefthymiou</td> <td>01/23/2008</td> </tr> <tr> <td>Conrad Ziesler</td> <td>02/15/2008</td> </tr> </tbody> </table>		Name	Execution Date	Juang-Ying Chueh	02/12/2008	Jerry Kao	01/18/2008	Visvesh Sathe	02/13/2008	Marios C. Papaefthymiou	01/23/2008	Conrad Ziesler	02/15/2008
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<table border="1"> <tr> <td>Name:</td> <td>The Regents of the University of Michigan</td> </tr> <tr> <td>Street Address:</td> <td>University of Michigan Office of Technology Transfer</td> </tr> <tr> <td>Internal Address:</td> <td>Wolverine Tower, Room 2071, 3003 S. State Street</td> </tr> <tr> <td>City:</td> <td>Ann Arbor</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48109-1280</td> </tr> </table>		Name:	The Regents of the University of Michigan	Street Address:	University of Michigan Office of Technology Transfer	Internal Address:	Wolverine Tower, Room 2071, 3003 S. State Street	City:	Ann Arbor	State/Country:	MICHIGAN	Postal Code:	48109-1280
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	3122910864												
Phone:	312-291-0860												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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ATTORNEY DOCKET NUMBER:	010109 UOM 3531C												

CH \$40.00 13110439

NAME OF SUBMITTER:

G. Christopher Braidwood

Total Attachments: 6

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ASSIGNMENT

Serial No: 11/949,673

Filed: December 3, 2007

Title: Clock Distribution Network Architecture with Clock Skew Management

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to The Regents of the University of Michigan, University of Michigan Office of Technology Transfer, Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109-1280 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned on, 12/21/00, 2/12/03, 11/10/03, 11/17/03 and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorize and request that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said

Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this

12th day of February, 2007.

State of Massachusetts  
County of Middlesex

Jiang-Ying Chueh  
Jiang-Ying Chueh

On this 12th day of February, 2007, before me, a Notary Public in and for the County and State aforesaid, Jiang-Ying Chueh appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

7/6/10 Muriel Ann Payne  
Notary Public

WITNESS our hands this

\_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

State of \_\_\_\_\_  
County of \_\_\_\_\_

Jerry Kao

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, a Notary Public in and for the County and State aforesaid, Jerry Kao appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

\_\_\_\_\_  
Notary Public

Attorney Docket No.: 10109-UOM-3531B

Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this \_\_\_\_\_ day of \_\_\_\_\_ , \_\_\_\_\_ .

State of \_\_\_\_\_  
County of \_\_\_\_\_

\_\_\_\_\_  
Juang-Ying Chueh

On this \_\_\_\_\_ day of \_\_\_\_\_ , \_\_\_\_\_ , before me, a Notary Public in and for the County and State aforesaid, Juang-Yin Chueh appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

WITNESS our hands this 18th day of January , 2008 .

State of Michigan  
County of Washtenaw

\_\_\_\_\_  
Jerry Kao

On this 18th day of January , 2008 , before me, a Notary Public in and for the County and State aforesaid, Jerry Kao appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 10/8/2011

\_\_\_\_\_  
Denise M. Duprie  
Notary Public

DENISE M. DUPRIE  
Notary Public, Livingston County, MI  
My Commission Expires Oct. 8, 2011  
Acting in Washtenaw County

WITNESS our hands this 13<sup>th</sup> day of February, 2008.

State of Colorado  
County of Larimer

[Signature]  
Visvesh Sathe

On this 13<sup>th</sup> day of February, 2008, before me, a  
Notary Public in and for the County and State aforesaid, Visvesh Sathe appeared, to me personally known to be  
the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they  
executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.  
WITNESS my hand and seal the same day and year last above given.

My Commission Expires: \_\_\_\_\_ My Commission Expires 02/20/2009

[Signature]  
Notary Public

WITNESS our hands this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

State of \_\_\_\_\_  
County of \_\_\_\_\_

\_\_\_\_\_  
Marios C. Papaefthymiou

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, a  
Notary Public in and for the County and State aforesaid, Marios C. Papaefthymiou appeared, to me personally  
known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that  
they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.  
WITNESS my hand and seal the same day and year last above given.

My Commission Expires: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

WITNESS our hands this \_\_\_\_\_ day of \_\_\_\_\_ , \_\_\_\_\_ .

State of \_\_\_\_\_  
County of \_\_\_\_\_

\_\_\_\_\_  
Visvesh Sathe

On this \_\_\_\_\_ day of \_\_\_\_\_ , \_\_\_\_\_ , before me, a  
Notary Public in and for the County and State aforesaid, Visvesh Sathe appeared, to me personally known to be  
the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they  
executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.  
WITNESS my hand and seal the same day and year last above given.

My Commission Expires: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

WITNESS our hands this 23rd day of January , 2008 .

State of Michigan  
County of Washtenaw

\_\_\_\_\_  
Marios C. Papaefthymiou

On this 23rd day of January , 2008 , before me, a  
Notary Public in and for the County and State aforesaid, Marios C. Papaefthymiou appeared, to me personally  
known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that  
they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.  
WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 10/8/2011

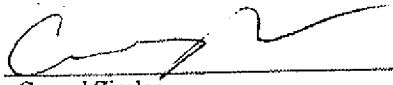
Denise M. DuPré  
Notary Public

**DENISE M. DUPRÉ**  
Notary Public, Livingston County, MI  
My Commission Expires Oct. 8, 2011  
Acting in Washtenaw County

WITNESS our hands this

15 day of February, 2008.

State of MASSACHUSETTS  
County of HAMPDEN

  
Conrad Ziesler

On this 15TH day of FEBRUARY, 2008, before me, a Notary Public in and for the County and State aforesaid, Conrad Ziesler appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

MARCH 14, 2014

  
Notary Public

