

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|--|---------------|---|---------------------|--|-------------------|--|---------------|------------|----------------------|------------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <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>Juang-Ying Chueh</td> <td>02/12/2008</td> </tr> <tr> <td>Jerry Kao</td> <td>01/11/2008</td> </tr> <tr> <td>Visvesh Sathe</td> <td>02/13/2008</td> </tr> <tr> <td>Marios Papaefthymiou</td> <td>01/11/2008</td> </tr> </tbody> </table> | | Name | Execution Date | Juang-Ying Chueh | 02/12/2008 | Jerry Kao | 01/11/2008 | Visvesh Sathe | 02/13/2008 | Marios Papaefthymiou | 01/11/2008 | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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</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 |
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| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11949664</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11949664 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 11949664 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (312)291-0864 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3122910860 Email: docketing@lempialaw.com Correspondent Name: LEMPIA BRAIDWOOD LLC Address Line 1: One N. LaSalle Street Address Line 2: Suite 3150 Address Line 4: Chicago, ILLINOIS 60602</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 10109 UOM 3531 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | G. Christopher Braidwood | | | | | | | | | | | | |

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PATENT
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Total Attachments: 5

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ASSIGNMENT

Serial No: 11/949,664

Filed: December 3, 2007

Title: Clock Distribution Network Architecture for Resonant-Clocked Systems

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, 11/108, 21,2108, 211,3108 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

Attorney Docket No.: 10109-UOM-3531A

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 12 day of February, 2008.

State of Massachusetts
County of Middlesex

[Signature]
Chang-Ying Chueh

On this 12th day of February, 2008, before me, a Notary Public in and for the County and State aforesaid, Chang-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:

7/6/12

[Signature]
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-3531

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 11th day of January , 2008 .

State of Michigan
County of Washtenaw

Jerry Kao

On this 11th 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: _____

Notary Public

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

PATENT
REEL: 024092 FRAME: 0936

WITNESS our hands this

13th day of February, 2008.

State of Colorado
County of Larimer

[Signature]
Visvesh Sathe

On this 13th 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 02/20/2009

My Commission Expires:

[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

11th day of January, 2008.

State of _____

County of _____

Michigan
Washtenaw

Marios C. Papaefthymiou

On this 11th 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: _____

Denise M. Duprie
Notary Public

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

PATENT