

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Randall Geiger</td><td>09/29/2004</td></tr><tr><td>Kumar Parthasarathy</td><td>12/21/2004</td></tr><tr><td>Degang Chen</td><td>09/29/2004</td></tr><tr><td>Le Jin</td><td>09/30/2004</td></tr></tbody></table>		Name	Execution Date	Randall Geiger	09/29/2004	Kumar Parthasarathy	12/21/2004	Degang Chen	09/29/2004	Le Jin	09/30/2004
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Iowa State University Research Foundation, Inc.</td></tr><tr><td>Street Address:</td><td>310 Lab of Mechanics</td></tr><tr><td>City:</td><td>Ames</td></tr><tr><td>State/Country:</td><td>IOWA</td></tr><tr><td>Postal Code:</td><td>50011-2131</td></tr></table>		Name:	Iowa State University Research Foundation, Inc.	Street Address:	310 Lab of Mechanics	City:	Ames	State/Country:	IOWA	Postal Code:	50011-2131
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (515)288-1338 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 515-288-3667											
Email: patatty@ipmvs.com											
Correspondent Name: McKee, Voorhees & Sease, P.L.C.											
Address Line 1: 801 Grand Avenue											
Address Line 2: Suite 3200											
Address Line 4: Des Moines, IOWA 50309											
NAME OF SUBMITTER:	John D. Goodhue										
Total Attachments: 5 source=GEIGER P06253US01 (ISURF) E-ASSIGNMENT#page1.tif source=GEIGER P06253US01 (ISURF) E-ASSIGNMENT#page2.tif											

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## ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.**, an Iowa corporation, having an address of 310 Lab of Mechanics, Ames, Iowa 50011-2131, 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, Serial No. 10/850,854, filed in the United States Patent and Trademark Office on the 21st day of May, 2004, entitled **A METHOD FOR TESTING ANALOG AND MIXED-SIGNAL CIRCUITS USING FUNCTIONALLY RELATED EXCITATIONS AND FUNCTIONALLY RELATED MEASUREMENTS**, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

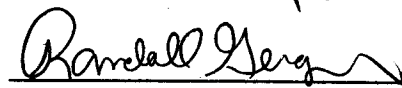
The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said Iowa State University Research Foundation, Inc.

For said considerations the undersigned hereby agrees, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for 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 said application, and for the said considerations the undersigned further agrees 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, 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 of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will

be held and enjoyed by the 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.

And for said considerations the undersigned hereby assigns to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agrees upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

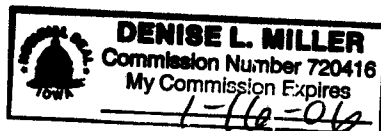
The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.

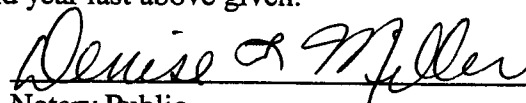
  
Randall Geiger

STATE OF IOWA     )  
                                  ) ss.  
COUNTY OF Story )

On this 29 day of September, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Randall Geiger, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



  
Notary Public

Commission Expires 1-16-06

P. Lakshmi Kumar  
Kumar Parthasarathy

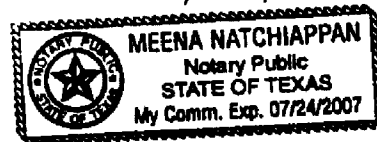
STATE OF TEXAS )  
 ) ss.  
COUNTY OF DALLAS )

On this 21<sup>st</sup> day of DECEMBER, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Kumar Parthasarathy, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Meena Natchiappan  
Notary Public

Commission Expires 07/24/2007

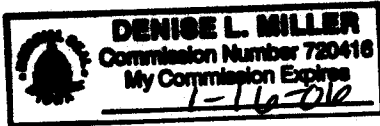


Degang Chen  
Degang Chen

STATE OF IOWA     )  
                              ) ss.  
COUNTY OF Story )

On this 29 day of September, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Degang Chen, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



Denise L. Miller  
Notary Public

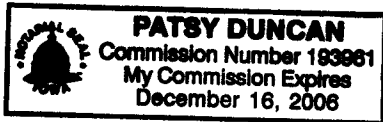
Commission Expires 1-16-06

## Le Jin

STATE OF Iowa )  
 ) ss.  
COUNTY OF Story )

On this 30th day of September, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Le Jin, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

**Witness my hand and seal the day and year last above given.**



Patsy Duncan  
Notary Public

Commission Expires 12/16/06