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PATENTS ONLY

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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Koushik K. Das (06/10/2003) and Richard B. Brown (06/12/2003)

8-26-03

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: The Regents of the University of Michigan

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

Technology Management Office  
Wolverine Tower  
3003 S. State Street

City: Ann Arbor, MI

Country: \_\_\_\_\_ Zip: 48105

Additional name(s) & address(es) attached:  Yes  No

3. Nature of Conveyance:

Assignment  Merger  
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Execution Date: see Box 1, conveying parties

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_

A. Patent Application No.(s):  
10/458,044

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Glenn E. Forbis  
RADER, FISHMAN & GRAUER PLLC  
Internal Address: Atty. Dkt.: 65306-0081(2356)

Street Address:  
39533 Woodward Avenue  
Suite 140

City: Bloomfield Hills State: MI Zip: 48304

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
 Authorized to be charged to credit card  
(Form 2038 enclosed)

8. Deposit account number: 18-0013  
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Glenn E. Forbis  
Name of Person Signing

Signature

August 22, 2003  
Date

Total number of pages including cover sheet, attachments, and documents: 5

Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 22, 2003

Signature: Diane R. Lytle (Diane R. Lytle)

08/29/2003 LNUELLER 00000200 100013 10458044

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PATENT  
REEL: 014435 FRAME: 0538

## **ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made this 10<sup>th</sup> and 12<sup>th</sup> days of June, 2003, by Koushik K. Das and Richard B. Brown (hereinafter referred to as Assignors), residing at 1929 Plymouth Road #3030, Ann Arbor, Michigan 48105; and 1911 Valleyview Drive, Ann Arbor, Michigan 48105, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in **LOW-LEAKAGE INTEGRATED CIRCUITS AND DYNAMIC LOGIC CIRCUITS**, set forth in a Patent application for Letters Patent of the United States, filed on June 10, 2003 and assigned Serial No. 10/458,044; and

**WHEREAS**, THE REGENTS OF THE UNIVERSITY OF MICHIGAN, a non-profit corporation organized under and pursuant to the laws of Michigan having its principal place of business at Technology Management Office, Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, Michigan 48109 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

Attorney Docket No. 65306-0081 (2356)

Express Mail No. EV078877966US

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**RADER, FISHMAN & GRAUER PLLC**  
**39533 Woodward Avenue, Suite 140**  
**Bloomfield Hills, MI 48304**  
**248-594-0600**

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

June 10, 2003

\_\_\_\_\_  
Date

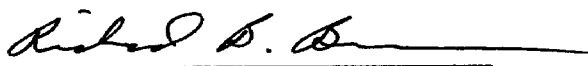
Koushik K. Das

\_\_\_\_\_  
Koushik K. Das

**Witness:**

\_\_\_\_\_  
Date

6/12/03  
Date

  
Richard B. Brown

**Witness:**

6/12/03  
Date

