

02-11-2000

1.20.00 ASSIGNMENT REC



ET Patents Only

101263929

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

Attorney Dkt. No.: 540-287

1. Name of conveying party(ies):

Edward A. Hill  
Ramaswamy Mahadevan

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

2. Name and address of receiving party(ies):

MCNC  
3021 Cornwallis Road  
P. O. Box 12889  
Research Triangle Park, NC 27709

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

JC564 U.S. PTO  
09/487976  
01/20/00

3. Nature of conveyance:

Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_

Execution Date: January 19, 2000

4. Application No. 09487976 Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application is: January 19, 2000

Additional numbers attached? Yes  No

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

James C. Edwards  
**ALSTON & BIRD LLP**  
P. O. Drawer 34009  
Charlotte, NC 28234-4009

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

8. Deposit account number: 16-0605

DO NOT USE THIS SPACE

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.*

James C. Edwards, Reg. No. 44,667  
Name of Person Signing

  
Signature

01/20/00.  
Date

02/11/2000 DMGUYEN 00000090 09487976

01 FC:581 Total number of pages including cover sheet, attachments and document: 5

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## ASSIGNMENT

THIS ASSIGNMENT, made by us, Edward A. Hill, citizen of the United States of America, residing at Chapel Hill, North Carolina; and Ramaswamy Mahadevan, citizen of India, residing at Chapel Hill, North Carolina; respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in MEMS MAGNETICALLY ACTUATED SWITCHES AND ASSOCIATED SWITCHING ARRAYS for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, MCNC, a non-profit North Carolina corporation having a principal place of business at Research Triangle Park, County of Durham, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 19<sup>th</sup>  
day of January, ~~1999~~, 2000.

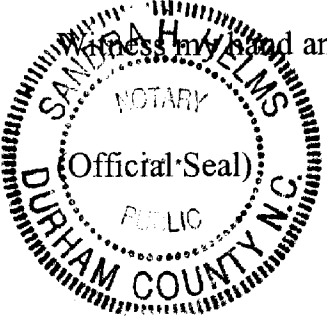
Edward A. Hill (SEAL)  
Edward A. Hill

Ramaswamy Mahadevan (SEAL)  
Ramaswamy Mahadevan

STATE OF North Carolina

COUNTY OF Durham

I, Sandra H. Helms, a Notary Public for said County and State, do hereby certify that Edward A. Hill personally appeared before me this day and acknowledged the due execution of the foregoing instrument.



Witness my hand and official seal, this the 19 day of January, ~~1999~~ 2000.

Sandra H. Helms  
Notary Public

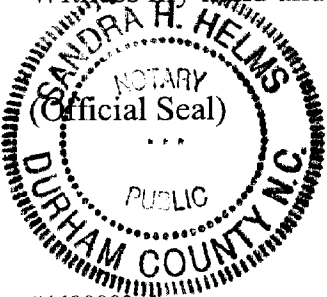
My commission expires: 1-31-2003

STATE OF North Carolina )

COUNTY OF Durham )

I, Sandra H. Helms, a Notary Public for said County and State, do hereby certify that Ramaswamy Mahadevan personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 19 day of January, ~~1999~~ 2000.



Sandra H. Helms  
Notary Public

#4400003v1  
My Commission Expires:  
1-31-2003