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To the Honorable Commissioner of Pa



102514316

1 original documents or copy thereof.

17410 U.S. PTO  
10/626413

07/24/03

1. Name of conveying party(ies): 7-24-03  
Carlos A. Paz de Araujo  
Larry D. McMillan  
Narayan Solayappan  
Vikram Joshi  
Additional name of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Symetrix Corporation  
Internal Address: \_\_\_\_\_

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: 07/10/2003

Street Address: 5055 Mark Dabling Boulevard  
City: Colorado Springs State: CO Zip: 80919  
Additional Name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): 10626413  
If this document is being filed together with a new application, the execution date of the application is: 07/10/2003  
A. Patent Application No.(s) \_\_\_\_\_  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning this document should be mailed:  
Name: Thomas Swenson  
Internal Address: Patton Boggs LLP  
Street Address: P.O. Box 270930  
City: Louisville State: CO Zip: 80027-5015

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
50-1848  
(Attach duplicate copy of this page if paying by deposit account)

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.*  
Phyllis K. Wood  
Name of Person Signing

Phyllis K. Wood Signature  
7/24/2003 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

07/31/2003 LMIJELLER 00000660 501848 10626413

01 FC:8021 40.00 BA

For:  U.S. Rights  Foreign Rights  
 For:  U.S. Application  U.S. Patent  Other -  
 By:  Inventors  Other -

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Name: Carlos A. Paz de Araujo  
 Address: 315 West Sunbird Cliffs Lane  
 Colorado Springs, CO 80919  
 Nationality: USA

Name: Larry D. McMillan  
 Address: 3005 Blodgett Drive  
 Colorado Springs, CO 80919  
 Nationality: USA

Name: Narayan Solayappan  
 Address: 9607 Stone Glen Drive  
 Colorado Springs, CO 80920  
 Nationality: India

Name: Vikram Joshi  
 Address: 4740 Holister Court  
 Colorado Springs, CO 80919  
 Nationality: India

hereby sells, assigns, and transfers to:

**ASSIGNEE:**

Name: Symetrix Corporation  
 Address: 5055 Mark Dabling Boulevard  
 Colorado Springs, CO 80919  
 State or Country of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for:  
 the United States and its territorial possessions,  all foreign countries, including all rights to claim priority, in and to the invention entitled:

FERROELECTRIC AND HIGH DIELECTRIC CONSTANT INTEGRATED CIRCUIT  
 CAPACITORS WITH THREE-DIMENSIONAL ORIENTATION FOR HIGH-DENSITY  
 MEMORIES, AND METHOD OF MAKING THE SAME

in (37 C.F.R. Section 3.21)

U.S. Application No. filed on  
 U.S. Application filed herewith  
 Other -

(Assignment of Invention--page 1 of 2)

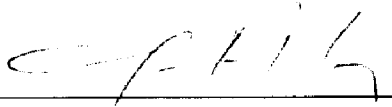
including any and all improvements which are disclosed therein,  and any legal equivalent of the foregoing invention, application and improvements in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, divisional, provisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof..

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

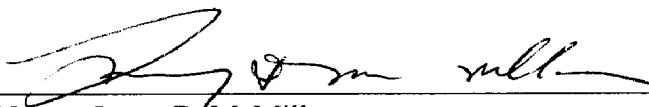
ASSIGNOR further covenant that ASSIGNEE will, upon ASSIGNEE's request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or ASSIGNEE's legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof..

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the respective dates below.

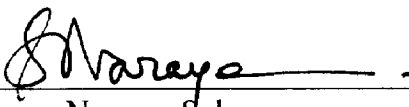
Date: 7/10/03

  
Name: Carlos A. Paz de Araujo

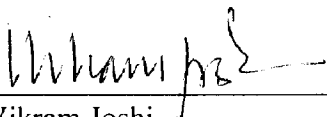
Date: 7/10/03

  
Name: Larry D. McMillan

Date: 7/10/03

  
Name: Narayan Solayappan

Date: 7/10/2003

  
Name: Vikram Joshi

(Unless the context otherwise requires, words imparting the singular number shall include the plural and vice versa, and words imparting the use of any gender shall include all genders.)