

11-20-1998



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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☐ New

☐ Resubmission (Non-Recordation)
Document ID#

☐ Correction of PTO Error
Reel # Frame #

☐ Corrective Document
Reel # Frame #

☒ Reel # 9115 Frame # 0254

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Execution Date
Month Day Year
8/10/98

Name (line 1) Joseph D. Cuchiaro

Name (line 2) Yoichi Miyasaka

Second Party

Name (line 1) Carlos A. Paz de Araujo

Execution Date
Month Day Year
8/11/98

Name (line 2)

Receiving Party

☒ Mark if additional names of receiving parties attached

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1) Symetrix Corporation

Name (line 2)

Address (line 1) 5055 Mark Dabbling Boulevard

Address (line 2)

Address (line 3) Colorado Springs

City

Colorado

State/Country

80918

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Carl A. Forest

Address (line 1) Duft, Graziano & Forest, P. C.

Address (line 2) Suite 140

Address (line 3) 1790 30th Street

Address (line 4) Boulder, Colorado, USA 80301-1018

11/18/1998 DNGUYEN 00000348 09062264

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FOR OFFICE USE ONLY

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

PATENT

REEL: 9588 FRAME: 0657

Correspondent Name and Address

Area Code and Telephone Number 303-449-9497

Name Carl A. Forest

Address (line 1) Duft, Graziano & Forest, P. C.

Address (line 2) Suite 140

Address (line 3) 1790. 30th Street

Address (line 4) Boulder, Colorado, USA 80301-1018

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

5

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/062,264

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

04-1697

Authorization to charge additional fees:

Yes



No



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. Charges to deposit account are authorized, as indicated herein.

Carl A. Forest

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) Akira Furuya

8/12/98

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1) NEC Corporation

Name (line 2)

Address (line 1) 7-1, Shiba 5-chome

Address (line 2) Minato-ku

Address (line 3) Tokyo

City

Japan

State/Country

108-01

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

~~04-27-1998~~

100694697

R SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

4-17-98

1. Name of conveying party(ies):

Joseph D. Cuchiaro
Akira Furuya
Carlos A. Paz de Araujo
Yoichi MiyasakaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Other _____

Execution Dates: 4/6/98, 4/19/98

2. Name and address of receiving party(ies)

Name: Symetrix Corporation

Street Address: 5055 Mark Dabling Blvd, Suite 100

City: Colorado Springs State: CO Zip: 80918

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

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

If this document is being filed together with a new application, the execution date of the application is: 4/6/98, 4/19/98

A. Patent Application No.(s)

B. Patent No.(s)

09/062264

Additional numbers attached? ☐ Yes ☒ No

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

Name: Carl A. Forest
Internal Address: Duft, Graziano & Forest, P.C.

Street Address: 1700 - 30th Street, Suite 140

City: Boulder State: CO ZIP: 80301-1018

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00 E

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1697

(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.

Carl A. Forest

Name of Person Signing

Signature

Date

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

ASSIGNMENT

WHEREAS, we, Joseph D. Cuchiaro, whose residence address is 2545 Rossmere Street, Colorado Springs, Colorado, 80918; Akira Furuya, whose post office address is Tokyo Japan; Carlos A. Paz de Araujo, whose residence address is 317 West Sunbird Cliffs Lane, Colorado Springs, Colorado, 80919; and Yoichi Miyasaka, whose post office address is Tokyo, Japan (the "Assignors"), having invented a certain new and useful invention for **FERROELECTRIC INTEGRATED CIRCUIT HAVING LOW SENSITIVITY TO HYDROGEN EXPOSURE AND METHOD FOR FABRICATING SAME** for which a patent application was filed on April 17, 1998, as United States Application Number 09/062,264, said application being identified as Docket No. 2050/007 in the law offices of Duft, Graziano, and Forest, P.C., 1790 - 30th Street, Suite 140, Boulder, Colorado, 80301-1018, and herewith executed on the date listed hereinbelow; and

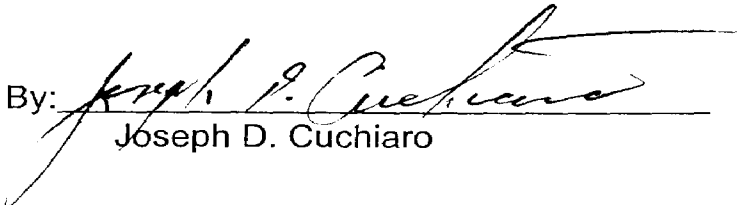
WHEREAS, Symetrix Corporation, a Delaware corporation, whose post office address is 5055 Mark Dabling Boulevard, Suite 100, Colorado Springs, Colorado, 80918; and NEC Corporation, a Japan corporation, whose post office address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-01, Japan (the "Assignees"), are desirous of acquiring the entire right, title and interest in and to the aforesaid invention and application for Letters Patent in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration from said Assignees, we the aforesaid Joseph D. Cuchiaro, Akira Furuya, Carlos A. Paz de Araujo, and Yoichi Miyasaka hereby sell, transfer and set over to the said Assignees, successors, legal representatives and assigns, the entire right, title and interest in and to the aforesaid invention and the aforesaid application, for the territory of the United States of America and for all foreign countries, and to all Letters Patent, divisions, continuations, continuations-in-part, substitutions, reissues, re-examinations and extensions to be obtained therefor; and we further agree to cooperate with the said Assignees hereunder in the obtaining and the sustaining of any or all such Letters Patent but at the expense of the said Assignees.


The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with this Assignment, to the said Assignees, their successors, legal representatives and assigns, as the Assignees of the entire right, title and interest therein.

Further, we agree that we will communicate to said Assignees, or their representatives, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, re-examination and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignees, make all rightful oaths and generally do everything necessary or desirable to aid said Assignees, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

This Assignment is executed by Joseph D. Cuchiaro, Akira Furuya, Carlos A. Paz de Araujo, and Yoichi Miyasaka as of the respective date set forth below to be effective as of the respective date set forth below.

Date: 8/10/98By: 
Joseph D. Cuchiaro

Date: _____

By: _____
Akira FuruyaDate: 8/11/98By: 
Carlos A. Paz de Araujo

Date: _____

By: _____
Yoichi Miyasaka

ASSIGNMENT

WHEREAS, we, Joseph D. Cuchiaro, whose residence address is 2545 Rossmere Street, Colorado Springs, Colorado, 80918; Akira Furuya, whose post office address is Tokyo Japan; Carlos A. Paz de Araujo, whose residence address is 317 West Sunbird Cliffs Lane, Colorado Springs, Colorado, 80919; and Yoichi Miyasaka, whose post office address is Tokyo, Japan (the "Assignors"), having invented a certain new and useful invention for **FERROELECTRIC INTEGRATED CIRCUIT HAVING LOW SENSITIVITY TO HYDROGEN EXPOSURE AND METHOD FOR FABRICATING SAME** for which a patent application was filed on April 17, 1998, as United States Application Number 09/062,264, said application being identified as Docket No. 2050/007 in the law offices of Duft, Graziano, and Forest, P.C., 1790 - 30th Street, Suite 140, Boulder, Colorado, 80301-1018, and herewith executed on the date listed hereinbelow; and

WHEREAS, Symetrix Corporation, a Delaware corporation, whose post office address is 5055 Mark Dabling Boulevard, Suite 100, Colorado Springs, Colorado, 80918; and NEC Corporation, a Japan corporation, whose post office address is 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-01, Japan (the "Assignees"), are desirous of acquiring the entire right, title and interest in and to the aforesaid invention and application for Letters Patent in the United States and in any and all foreign countries.

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Further, we agree that we will communicate to said Assignees, or their representatives, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, re-examination and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignees, make all rightful oaths and generally do everything necessary or desirable to aid said Assignees, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

This Assignment is executed by Joseph D. Cuchiaro, Akira Furuya, Carlos A. Paz de Araujo, and Yoichi Miyasaka as of the respective date set forth below to be effective as of the respective date set forth below.

Date: _____

By: _____
Joseph D. CuchiaroDate: August 12, 1998By: Akira Furuya
Akira Furuya

Date: _____

By: _____
Carlos A. Paz de AraujoDate: August 10, 1998By: Yoichi Miyasaka
Yoichi Miyasaka