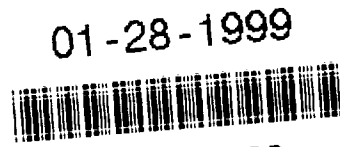


Practitioner's Docket No. 2008/035

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231



100952153

PATENT

JCS51 U.S. PTO
09/229883



COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 CFR 3.31)

IDENTIFICATION OF APPLICATION
(37 CFR 3.21 and 37 CFR 3.31(a)(4))

1.14.99

1. The patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:
 - a. Type of application: Application of patent (37 C.F.R. 1.53(b))
 - b. Date of execution: January 5, 1999 and January 8, 1999
 - c. Name of each inventor:
 - 1: Hayashi, Shinichiro
 - 2: Otsuki, Tatsuo
 - 3: Paz de Araujo, Carlos A.
 - d. Title of invention: FERROELECTRIC DEVICE WITH CAPPING LAYER AND METHOD OF MAKING SAME

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is **mandatory**.)

(Express Mail certification is **optional**.)

I hereby certify that this Cover Sheet for Assignment (Document) Accompanying New Patent Application and the documents referred to as attached therein are being deposited with the United States Postal Service on this date January 14, 1999, in an envelope as Express Mail Post Office to Addressee, mailing Label Number EL193821471US, addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

01/26/1999 STORING 00000000 09229883

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40.00 OP

Elaine C. VonSpreckelsen
(type or print name of person mailing paper)

Elaine C. VonSpreckelsen
Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by Express Mail **must** have the number of the Express Mail mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b). Since the filing of correspondence under §1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition. Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Cover Sheet for Assignment Accompanying New Patent Application page 1 of 3)

PATENT
REEL: 9722 FRAME: 0369

NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 3.31(a)(1))

2. The parties conveying this interest are:
Name 1: Hayashi, Shinichiro
Name 2: Otsuki, Tatsuo
Name 3: Paz de Araujo, Carlos A.

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 CFR 3.31(a)(2))**

3. The rights are being conveyed to:
- Symetrix Corporation
5055 Mark Dabling Boulevard
Colorado Springs, CO 80918
- Matsushita Electronics Corporation
1-1 Saiwai-cho, Takatsuki
Osaka 569-1193, Japan

**DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED
(37 CFR 3.31 (a)(3))**

4. The accompanying document intends to accomplish:
an assignment.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 CFR 3.31(a)(5))**

5. Please address correspondence to:
- Carl A. Forest
Duft, Graziano & Forest, P.C.
1790 - 30th Street, Suite 140
Boulder, CO 80301-1018
(303) 449-9497

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(a)(7))

6. The attached assignment (document) was executed on January 5, 1999 and January 8, 1999.

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

7. The attached document is in the English language.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

8. Submitted herewith is a true facsimile copy of the original document as signed by Shinichiro Hayashi and Tatsuo Otsuki (2 pages) and the original document as signed by Carlos A. Paz de Araujo (2 pages).

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE**

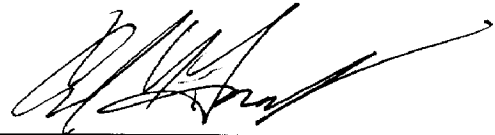
9. A. This cover sheet identifies only one application.
B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.
Attached is a check for \$40.00.

**STATEMENT (37 CFR 3.31(a)(9))
AND SIGNATURE (37 CFR 3.31(a)(10))**

10. 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.

Date: Jan 14, 1999

Reg. No. 28,494
Tel. No.: (303) 449-9497
Fax No.: (303) 449-0814



Signature of Practitioner
Carl A. Forest
Duft, Graziano & Forest, P.C
1790 - 30th Street, Suite 140
Boulder, CO 80301-1018

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, **including cover sheet, attachment(s), and document(s)** are: 7

Docket No. 2008/035**ASSIGNMENT**

WHEREAS, we, Shinichiro Hayashi, whose residence address is 2-9-3-301 Nasahara, Takatsuki, Osaka, 569-1041, Japan; Tatsuo Otsuki, whose residence address is 2-1-31-402, Makami-cho, Takatsuki, Osaka, 569-1121, Japan; and Carlos A. Paz de Araujo, whose residence address is 317 West Sunbird Cliffs Lane, Colorado Springs, Colorado, 80919 (the "Assignors"), having invented a certain new and useful invention for **FERROELECTRIC DEVICE WITH CAPPING LAYER AND METHOD OF MAKING SAME** for which we are about to make application for Letters Patent of the United States, said application being identified as Docket No. 2008/035 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, Colorado Springs, Colorado, 80918, and MATSUSHITA ELECTRONICS CORPORATION, a corporation organized and existing under the laws of Japan, having its principal place of business at 1-1 Salwai-cho, Takatsuki, Osaka 569-1193, 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, Shinichiro Hayashi, Tatsuo Otsuki, and Carlos A. Paz de Araujo hereby sell, transfer and set over to the said Assignees, their 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.

Docket No. 2008/035

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-examinations 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 Shinichiro Hayashi, Tatsuo Otsuki, and Carlos A. Paz de Araujo as of the respective date set forth below to be effective as of the respective date set forth below.

Date: 1/5/99

By: 
Shinichiro Hayashi

Date: January 5, 1999

By: 
Tatsuo Otsuki

Date: _____

By: _____
Carlos A. Paz de Araujo

ASSIGNMENT

WHEREAS, we, Shinichiro Hayashi, whose residence address is 2-9-3-301 Nasahara, Takatsuki, Osaka, 569-1041, Japan; Tatsuo Otsuki, whose residence address is 2-1-31-402, Makami-cho, Takatsuki, Osaka, 569-1121, Japan; and Carlos A. Paz de Araujo, whose residence address is 317 West Sunbird Cliffs Lane, Colorado Springs, Colorado, 80919 (the "Assignors") having invented a certain new and useful invention for **FERROELECTRIC DEVICE WITH CAPPING LAYER AND METHOD OF MAKING SAME** for which we are about to make application for Letters Patent of the United States said application being identified as Docket No. 2008/035 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, Colorado Springs, Colorado, 80918, and MATSUSHITA ELECTRONICS CORPORATION, a corporation organized and existing under the laws of Japan, having its principal place of business at 1-1 Saiwai-cho, Takatsuki, Osaka 569-1193, 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, Shinichiro Hayashi, Tatsuo Otsuki, and Carlos A. Paz de Araujo hereby sell, transfer and set over to the said Assignees, their 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.

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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-examinations 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 Shinichiro Hayashi, Tatsuo Otsuki, and Carlos A. Paz de Araujo as of the respective date set forth below to be effective as of the respective date set forth below.

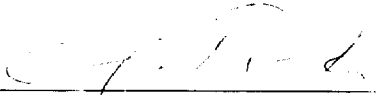
Date: _____

By: _____
Shinichiro Hayashi

Date: _____

By: _____
Tatsuo Otsuki

Date: January 3, 1999

By:  _____
Carlos A. Paz de Araujo