

FORM PTO-1619A

Expires 06/30/13
OMB 0651-0027

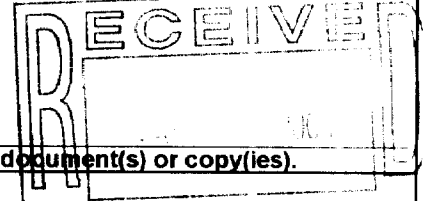
04-24-2000

U.S. Department of Commerce
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PATENT



101331144

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Conveyance Type

- ☒ Assignment ☐ Security Agreement
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- ☐ Merger ☐ Other
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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached
- Execution Date
Month Day Year

Name (line 1) Jchiyama, Kiyoshi

02282000

Name (line 2)

Second Party

Name (line 1) Arita, Koji

Execution Date
Month Day Year

03152000

Name (line 2)

Receiving Party

- ☒ Mark if additional names of receiving parties attached

Name (line 1) Symetrix Corporation

☐ 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 2)

Address (line 1) 5055 Mark Dabbling Boulevard

Address (line 2)

Address (line 3) Colorado Springs

CO

80918

City

State/Country

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) 1790 - 30th Street

Address (line 3) Suite 140

Address (line 4) Boulder, CO 80301-1018

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40.00 DP

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PATENT
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Correspondent Name and Address

Area Code and Telephone Number: (303) 449-9497

Name: Carl A. Forest

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

Address (line 2): 1790 - 30th Street

Address (line 3): Suite 140

Address (line 4): Boulder, CO 80301-1018

Pages

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

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4

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)

09/523,916

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

PCT

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Number of Properties

Enter the total number of properties involved.

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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:

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Carl A. Forest

Name of Person Signing

Signature

Date

3/24/00

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CONTINUATION
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U.S. Department of Commerce
Patent and Trademark Office
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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Solayappan, Narayan

Execution Date
Month Day Year

02282000

Name (line 2)

Execution Date
Month Day Year

Name (line 1) Paz de Araujo, Carlos A.

02252000

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) Matsushita Electronics Corporation

Name (line 2)

Address (line 1) 1-1, Saiwai-cho

Address (line 2) Takatsuki-shi

Address (line 3) Osaka

City

Japan

State/Country

569-1193

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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☐ 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)

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

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

ASSIGNORS:

Kiyoshi Uchiyama
5970 Vista Ridge Point, #301
Colorado Springs, CO 80918
Nationality: Japan

Koji Arita
2-1-6-601 Awaji
Higashiyodogawa-ku, Osaka-shi
Osaka, 533-0032
Japan
Nationality: Japan

Narayan Solayappan
1410 Meredith Heights, #206
Colorado Springs, CO 80919
Nationality: India

Carlos A. Paz de Araujo
317 West Sunbird Cliffs Land
Colorado Springs, CO 80919
Nationality: USA

hereby sell, assign and transfer to

ASSIGNEES:

Symetrix Corporation
5055 Mark Dabbling Boulevard
Colorado Springs, CO 80918
State or Country of Formation: Delaware

Matsushita Electronics Corporation
1-1, Saiwai-cho
Takatsuki-shi
Osaka 569-1193
Japan
State or Country of Formation: Japan

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

LOW TEMPERATURE RAPID RAMPING ANNEAL METHOD FOR FABRICATING
LAYERED SUPERLATTICE MATERIALS AND MAKING ELECTRONIC DEVICES
INCLUDING SAME

in and to (37 C.F.R. Section 3.21) U.S. patent application executed on even date herewith, 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, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant that ASSIGNEES will, upon their 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 ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEES or their 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: 2/28/00


Signature of Kiyoshi Uchiyama

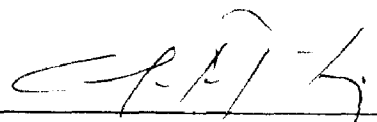
Date: _____

Signature of Koji Arita

Date: 2/28/00


Signature of Narayan Solayappan

Date: 2/25/2000


Signature of Carlos A. Paz de Araujo

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

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

ASSIGNORS:

Kiyoshi Uchiyama
5970 Vista Ridge Point, #301
Colorado Springs, CO 80918
Nationality: Japan

Koji Arita
2-1-6-601 Awaji
Higashiyodogawa-ku, Osaka-shi
Osaka, 533-0032
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Nationality: Japan

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State or Country of Formation: Delaware

Matsushita Electronics Corporation
1-1, Saiwai-cho
Takatsuki
Osaka 569-193
Japan
State or Country of Formation: Japan

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(Assignment of Invention--page 1 of 2)

LOW TEMPERATURE RAPID RAMPING ANNEAL METHOD FOR FABRICATING
LAYERED SUPERLATTICE MATERIALS AND MAKING ELECTRONIC DEVICES
INCLUDING SAME

in and to (37 C.F.R. Section 3.21) U.S. patent application executed on even date herewith, 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, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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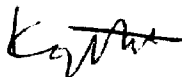
ASSIGNORS further covenant that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEES or their 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: _____

Signature of Kiyoshi Uchiyama

Date: 03/15/2000



Signature of Koji Arita

Date: _____

Signature of Narayan Solayappan

Date: _____

Signature of Carlos A. Paz de Araujo