

01-25-2002

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09/868554

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PATENT



101948354
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Document ID#

Correction of PTO Error
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

| Name | Execution Date | |
|---|----------------|------|
| Month | Day | Year |
| Name (line 1) Taro IMAGAWA | 08/09/2001 | |
| Name (line 2) 1-9-5-102, Nasuzukuri, Hirakata-shi, Osaka 573-0071 Japan | | |
| Second Party | | |
| Name (line 1) Yoshihiko MATSUKAWA | 08/09/2001 | |
| Name (line 2) 3-207-225, Higashiikoma, Ikoma-shi, Nara 630-0213 Japan | | |

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 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) 1006, Oaza Kadoma, Kadoma-shi,

Address (line 2)

Address (line 3) Osaka Japan 571-8501
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Michael K. Kelly

Address (line 1) SNELL & WILMER, LLP

Address (line 2) One Arizona Center

Address (line 3) 400 E. Van Buren Street

Address (line 4) Phoenix, AZ 85004-2202

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Area Code and Telephone Number

Name

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

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)

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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.

Patent Cooperation Treaty (PCT)

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

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Number of Properties Enter the total number of properties involved. #

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

Method of Payment: Enclosed Deposit Account

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

09/20/2001 MKAYPAGH 00000019 09868554 40.00 OP Deposit Account Number: #

01 FC:581 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.

Michael K. Kelly, Reg. No. 32,848

September 14, 2001

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET
CONTINUATION
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Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

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Name (line 1)

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.)

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Address (line 1)

Address (line 2)

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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)

Address (line 2)

Address (line 3)

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)

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ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Taro IMAGAWA; 1-9-5-102, Nasuzukuri, Hirakata-shi,
Osaka 573-0071 Japan

2. Yoshihiko MATSUKAWA; 3-207-225, Higashiikoma, Ikoma-shi,
Nara 630-0213 Japan

3. Kenji KONDO; 46-3-301, Yamadaikehigashimachi, Hirakata-shi,
Osaka 573-0165 Japan

4. Tsuyoshi MEKATA; 8-18-16, Kisabe, Katano-shi,
Osaka 576-0052 Japan

have invented and own a certain invention entitled:

RETRIEVAL METHOD, RETRIEVAL DEVICE, AND RECORDING MEDIUM

for which application for Letters Patent of the United States was filed as U.S. Serial No.
09/868,554 on 06/14/2001 ; and

WHEREAS, the ASSIGNEE(S):

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEES the full and exclusive right, title and interest to said invention and all Letters Patent of the United

States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

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

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 9th day of August, 2001.

1. Taro Imagawa
Taro IMAGAWA

2. Yoshihiko Matsukawa
Yoshihiko MATSUKAWA

3. Kenji Kondo
Kenji KONDO

4. Tsuyoshi Mekata
Tsuyoshi MEKATA