

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



07-21-2000



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

101410382

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**Submission Type**

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
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Reel #  Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
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- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

- ☐ Mark if additional names of conveying parties attached
- Execution Date  
Month Day Year  
**071300**

Name (line 1) **Yue Ma**

Name (line 2)

**Second Party**

Name (line 1) **Min Yi**

Name (line 2)

Execution Date  
Month Day Year  
**071100**

**Receiving Party**

- ☐ Mark if additional names of receiving parties attached

Name (line 1) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.**

Name (line 2)

Address (line 1) **1006 Oaza, Kadoma**

Address (line 2) **Kadoma**

Address (line 3) **Osaka** **Japan**

☐ 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.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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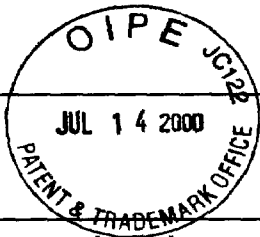
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**PATENT**  
**REEL: 010924 FRAME: 0156**



**Correspondent Name and Address**

Area Code and Telephone Number **212 697 5995**

Name **Michael J. Berger**

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Address (line 3) **New York, NY 10016**

Address (line 4)

**Pages**

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

# **2**

**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)**

**09/537,931**

**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.

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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:

# **01-1785**

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.*

**John S. Economou (Reg. No. 38,439)**

Name of Person Signing

Signature

**July 14, 2000**

Date



## ASSIGNMENT

WHEREAS, Yue Ma, citizen of People's Republic of China, and Min Yi, citizen of People's Republic of China (hereinafter "the Assignors"), residing at 6 Tiffany Ct., West Windsor, New Jersey 08550, and 19 Dana Street, Apt. 3, Revere, MA 02151, respectively, have invented certain new and useful improvements in A METHOD FOR EXTRACTING TITLES FROM A DIGITAL IMAGE, and

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation organized under the laws of Japan, having a principal place of business at 1006 Oaza Kadoma, Kadoma, Osaka 571, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee the full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit


of its successors, assigns or other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignors hereby authorize the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

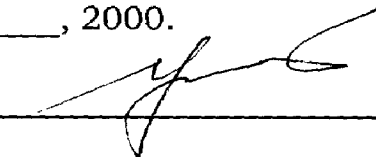
Assignors further covenant to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

Executed this 13<sup>rd</sup> day of July, 2000.

  
\_\_\_\_\_

Yue Ma

Executed this 11<sup>th</sup> day of July, 2000.

  
\_\_\_\_\_

Min Yi