

12-29-1998

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U.S. Department of Commerce  
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MPRO 12-16-98

Submission Type

New

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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 \_\_\_\_\_

**U.S. Government**  
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Departmental File  Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Ma, Yue

Execution Date  
Month Day Year  
12 15 98

Name (line 2) \_\_\_\_\_

Second Party

Name (line 1) Kanai, Junichi

Execution Date  
Month Day Year  
12 15 98

Name (line 2) \_\_\_\_\_

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) a corporation of Japan

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) Kadona Osaka 571 Japan \_\_\_\_\_  
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

Address (line 4) \_\_\_\_\_

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT  
REEL: 9657 FRAME: 0358

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**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)**

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. #

**Fee Amount**

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

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: #

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 J. Berger



December 16, 1998

Name of Person Signing

Signature

Date

## ASSIGNMENT

WHEREAS, Junichi Kanai, citizen of Japan and Yue Ma, citizen of People's Republic of China (hereinafter "the Assignors"), residing at 24 Berwick Circle, East Windsor, New Jersey 08520 and 6 Tiffany Ct., Robbinsville, New Jersey 08691, respectively, have invented certain new and useful improvements in A METHOD FOR LOCATING AND READING A TWO-DIMENSIONAL BARCODE, 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

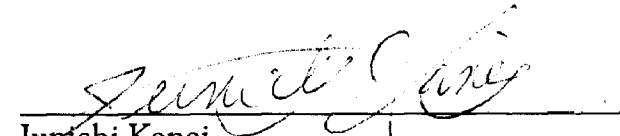
patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

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.

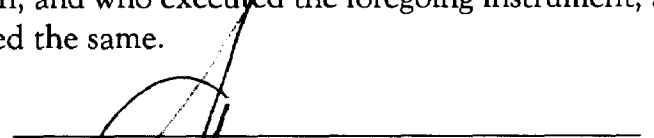
Assignors further covenant to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and affixed their seals this 15<sup>th</sup> day of December, 1998.

  
Junichi Kanai

STATE OF     New Jersey      
COUNTRY OF     New Jersey     ) ss.     United States    

On this     15     day of     December    , 1998 before me came Junichi Kanai, known to me to be the individual described in, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.

  
Notary Public

CHARLES E. LAPALME  
Notary Public of New Jersey  
My Commission Expires     04/01

*Yue Ma*

Yue Ma

STATE OF

*New Jersey*

COUNTRY OF

*Mercer* ) ss. *United States*

On this 15<sup>th</sup> day of December, 1998 before me came Yue Ma, known to me to be the individual described in, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.

*Charles E. Lapalme*

Notary Public

CHARLES E. LAPALME  
Notary Public of New Jersey  
My Commission Expires 07/02