

07-28-2004



FORM PTO-1595

SHEET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Director of \_\_\_\_\_ 102800474

attached original documents or copy thereof.

1. Name of Conveying party(ies):  
YOKOGAWA, Hiroshi  
YOKOYAWA, Masaru  
KAWANO, Kenji  
ITOU, Norihiro  
TAKAHAMA, Koichi  
YAMAKI, Takeyuki  
TSUJIMOTO, Akira  
KISHIGAMI, Yasuhisa  
IDE, Nobuhiro



2. Name and address of receiving party(ies)

Name: Matsushita Electric Works, Ltd.

7-23-04

Internal Address: \_\_\_\_\_

Street Address: 1048, Oaza-Kadoma, Kadoma-shi,

Osaka 571-8686 Japan

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional names(s) and address(es) attached?  Yes  No

Execution Date: May 26,31,26,26,24,26,26,26 and 09, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
10/492,534

B. Patent No.(s)

Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bruce H. Bernstein

Internal Address: P25236

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41) \$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Neil F. Greenblum, Reg. No. 28,394

Name of Person Signing

Signature

7/23/04

Date

Total number of pages including cover sheet, attachments and document: 6

07/27/2004 BYRNE 0000052 10/92534

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Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patent and Trademark Office, Mail Stop Assignments  
220 20<sup>th</sup> Street S. Customer Window,  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

ASSIGNMENT

WHEREAS, **Hiroshi Yokogawa**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Masaru Yokoyama**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Kenji Kawano**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Norihiro Itou**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Koichi Takahama**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Takeyuki Yamaki**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Akira Tsujimoto**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Yasuhisa Kishigami**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, and **Nobuhiro Ide**, a citizen of Japan, whose post office address is c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**COMPOSITE THIN FILM HOLDING SUBSTRATE, TRANSPARENT CONDUCTIVE FILM HOLDING SUBSTRATE, AND SURFACE LIGHT EMITTING BODY**

for which an application for Letters Patent in the United States entered the National Stage in the United States Patent and Trademark Office on April 23, 2004 and was awarded Application No. 10/492,534, and which Application is a National Stage of International Application No. PCT/JP02/11023 filed October 24, 2002.

AND WHEREAS, Matsushita Electric Works, Ltd., a corporation organized and existing under the laws of Japan whose post-office address is 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise

and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS on the respective dates indicated below.

First Witness:

Minoru Inoue May 26, 2004  
(Name) (Date)

Hiroshi Yokogawa May 26, 2004  
Hiroshi Yokogawa Date

Second Witness:

Hideo Takigawa May 26, 2004  
(Name) (Date)

First Witness:

Minoru Inoue May 31, 2004  
(Name) (Date)

Masaru Yokoyama May 31, 2004  
Masaru Yokoyama Date

Second Witness:

Hideo Takijawa May 31, 2004  
(Name) (Date)

First Witness:

Minoru Inoue May 26, 2004  
(Name) (Date)

Kenji Kawano May 26, 2004  
Kenji Kawano Date

Second Witness:

Hideo Takijawa May 26, 2004  
(Name) (Date)

First Witness:

Minoru Inoue May 26, 2004  
(Name) (Date)

Norihito Ito May 26, 2004  
Norihito Ito Date

Second Witness:

Hideo Takijawa May 26, 2004  
(Name) (Date)

First Witness:

Minoru Inoue May. 24, 2004  
(Name) (Date)

Koichi Takahama May 24, 2004  
Koichi Takahama Date

Second Witness:

Hideo Takayama May 24, 2004  
(Name) (Date)

First Witness:

Minoru Inoue May. 26, 2004  
(Name) (Date)

TAKEYUKI YAMAKI May 26, 2004  
Takeyuki Yamaki Date

Second Witness:

Hideo Takayama May 26, 2004  
(Name) (Date)

First Witness:

Minoru Inoue May. 26, 2004  
(Name) (Date)

Akira Tsujimoto May 26, 2004  
Akira Tsujimoto Date

Second Witness:

Hideo Takayama May 26, 2004  
(Name) (Date)

First Witness:

Minoru Amoue May 26, 2004  
(Name) (Date)

Yasuhisa Kishigami May 26, 2004  
Yasuhisa Kishigami Date

Second Witness:

Hideo Takigawa May 26, 2004  
(Name) (Date)

First Witness:

Minoru Amoue June 9, 2004  
(Name) (Date)

Nobuhiro Ide June 9, 2004  
Nobuhiro Ide Date

Second Witness:

Hideo Takigawa June 9, 2004  
(Name) (Date)