

06-03-2003



SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Y

Tab settings → → → ▼

To the Honorable Director of the United

102462822

Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Koichi Kotera
Yoshinao ooe
Hiroki Kono
Hiroyosi Tanaka

5-36-03

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.Address: 1006, Oaza Kadoma, Kadoma-shiCity: Osaka-fu

State/Prov.: _____

Country: JapanZIP: 571-8501

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: December 9, 2002

Additional name(s) & address(es)

☐ Yes ☒ No

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

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

Patent Application No.

Filing date

B. Patent No.(s)

10/275,79511/08/2002

Additional numbers

☐ Yes ☒ No

OFFICE OF PUBLIC RECORDS
2003 MAY 30 PM 4: 20
FINANCE SECTION

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

Name: Joseph W. PriceRegistration No. 25,124Address: SNELL & WILMER LLP1920 Main Street, Suite 120006/02/2003 EDOOPER 00000007 192814 1027579501 FC:0021 40.00 CHCity: IrvineState/Prov.: CACountry: USAZIP: 92614

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2814

(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.*Joseph W. Price

Name of Person Signing

Signature

May 27, 2003

Date

4

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014112 FRAME: 0646

ASSIGNMENT

WHEREAS, we, Koichi KOTERA, Yoshinao OOE, Hiroki KONO and Hiroyosi TANAKA citizens of Japan, respectively, have invented certain new and useful improvements in a ELECTRON EMISSION THIN-FILM, PLASMA DISPLAY PANEL INCLUDING IT, AND METHODS FOR MANUFACTURING THEM

for which we have executed application for Letters Patent of the United States,

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571-8501, Japan is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Koichi KOTERA, Yoshinao OOE, Hiroki KONO and Hiroyosi TANAKA have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue

patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of December, 2002

Koichi Kotera
Koichi KOTERA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of December, 2002

Yoshinao Ooe
Yoshinao OOE

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of December, 2002

Hiroki Kono
Hiroki KONO

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of

December, 2002

Hiroyoshi Tanaka
Hiroyosi TANAKA