

8/19/98
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08-24-1998



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BOX ASSIGNMENTS

PATENT
649-627P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Y. ONO et al.

Appl. No.: 09/013,185 Group: 2711

Filed: 01/26/1998 Examiner: UNKNOWN

For: DISPLAY APPARATUS

RECORDING OF ASSIGNMENT

BOX ASSIGNMENTS

August 19, 1998

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies) (e.g. inventor(s)):

ONO, Yoshiki
SOMEYA, Jun
OKUNO, Yoshiaki

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

MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku
Tokyo 100, Japan

PATENT
REEL: 9391 FRAME: 0291

3. Nature of Conveyance:

- ☐ Assignment
- ☐ Security Agreement
- ☐ Merger
- ☐ Change of Name
- ☒ Other: Correction of name of second assignor and assignee's address, thereby corresponding to the name of the second assignor and the assignee's address on the executed assignment

Execution Date (e.g., Assignment): January 20, 1998

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

If this document is being filed together with a new patent application, the execution date(s) of the application (Declaration) is (are) _____.

A. Patent Application Number(s):

09/013,185

B. Patent Number(s):

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

Birch, Stewart, Kolasch & Birch, LLP
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

6. Total number of applications and patents involved: one (1)

7. ☒ The recording fee in the amount of \$40.00 is enclosed.

8. ☐ Please charge Deposit Account No. 02-2448 in the amount of \$_____. A duplicate copy of this request is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

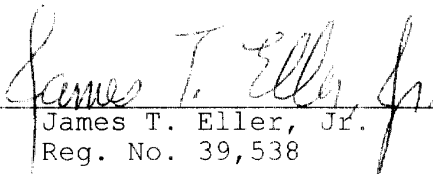
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: August 19, 1998

By


James T. Eller, Jr.
Reg. No. 39,538

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649-627P

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TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,
ATTACHMENTS, AND DOCUMENT: ten (10)

MRD
1-26-98

02-24-1998



PATENT

IN THE U.S.

~~100642005~~

OFFICE

09/013185
01/26/98
U.S. PTO

Applicant(s): ONO, Yoshiki; SOMEYA, Jun; OKUNO, Yoshiaki

Application No.: Group:

Filed: January 26, 1998 Examiner:

For: DISPLAY APPARATUS

Date: January 26, 1998

Docket No.: 0649-0627P

RECORDING OF ASSIGNMENT

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) (e.g. inventor(s)):

ONO, Yoshiki,
SOMEYA, Jun; OKUNO, Yoshiaki

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

MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, ~~Chiyoda-Ku~~ Chiyoda-Ku
Tokyo 100 Japan

88

02/23/1998 GBUCKETT 00000020 09013185
02 FC:581 40.00 0P

PATENT
REEL: 9391 FRAME: 0294

3. Nature of Conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Merger
☐ Change of Name
☐ Other _____

Execution Date: January 20, 1998

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

If this document is being filed together with a new patent application, the execution date(s) of the application is (are)
January 20, 1998

A. Patent Application No.(s):

B. Patent No.(s):

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

Birch, Stewart, Kolasch & Birch, LLP
P. O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

6. Total Number of applications and patents involved: One (1)7. ☒ The recording fee in the amount of \$ 40.00 is enclosed.

8. ____ Please charge Deposit Account No. 02-2448 in the amount of \$_____. A duplicate copy of this request is enclosed.
9. X If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

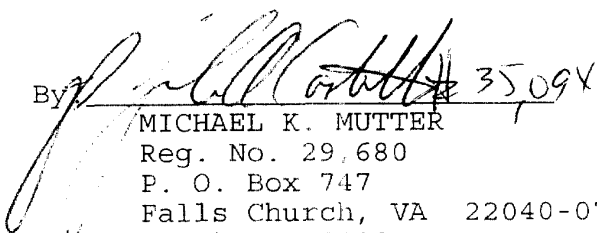
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: January 26, 1998

By

 35,09X
MICHAEL K. MUTTER

Reg. No. 29,680

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/djm

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,
ATTACHMENTS, AND DOCUMENT: 05

(Rev. 12/21/93)

ATTORNEY DOCKET NO.

649-627P

ASSIGNMENT

Application No. New

Filed 1/26/98

Insert Name(s) of Inventor(s) ➡ WHEREAS, Yoshiki ONO, Jun SOMEYA and Yoshiaki OKUNO,
all of Tokyo, Japan

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title of Invention ➡ DISPLAY APPARATUS

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date of Signing of Application ➡ on January 20, 1998; and

Insert Name of Assignee ➡ WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100 Japan

Insert Address of Assignee ➡ ☒

CHECK BOX IF APPROPRIATE ➡ ☐ its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and ☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>January 20,</u> <u>1998</u>	Name of Inventor <u><i>Yoshiki Ono</i></u> <u>Yoshiki ONO</u> (signature)
Date <u>January 20,</u> <u>1998</u>	Name of Inventor <u><i>Jun Someya</i></u> <u>Jun SOMEYA</u> (signature)
Date <u>January 20,</u> <u>1998</u>	Name of Inventor <u><i>Yoshiaki Okuno</i></u> <u>Yoshiaki OKUNO</u> (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)



649-627

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 10, 1998

PTAS

BIRCH, STEWART, KOLASCH ET AL.
MICHAEL K. MUTTER
P.O. BOX 747
FALLS CHURCH, VA 22040-0747



100642005A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/26/1998

REEL/FRAME: 8970/0547
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ONO, YOSHIKI

DOC DATE: 01/20/1998

ASSIGNOR:
JUN, SOMEYA

DOC DATE: 01/20/1998

ASSIGNOR:
OKUNO, YOSHIAKI

DOC DATE: 01/20/1998

ASSIGNEE:
MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, MARUNOUCHI 2-CHOME, CHIYODÔ-KU
TOKYO 100 JAPAN
TOKYO, JAPAN

SERIAL NUMBER: 09013185
PATENT NUMBER:

FILING DATE: 01/26/1998
ISSUE DATE:

PATENT
REEL: 9391 FRAME: 0299

8970/0547 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECORDED: 08/19/1998

PATENT
REEL: 9391 FRAME: 0300