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08-29-2006

IAP6 Rec'd FCT/PTO 17 AUG 2006

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103299045

ION FORM COVER SHEET

TENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Yuka FUJITA (7/25/2006), Toshiyuki TAKAHASHI
(7/25/2006), Atsushi HORI (7/25/2006), and Koichi
HIRAMATSU (7/25/2006)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Mitsubishi Electric Corporation

Internal Address: _____

Street Address: _____

7-3, Marunouchi 2-chome, Chiyoda-ku
Tokyo
100-8310
JAPAN

City: _____

State: _____

Country: _____

Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

NEW

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: D. Richard Anderson
BIRCH, STEWART, KOLASCH & BIRCH,
LLP

Internal Address: Atty. Dkt.: 1163-0578PUS1

Street Address: 8110 Gatehouse Road
Suite 100 East
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City: Falls Church

State: VA Zip: 22040-0747

Phone Number: (703) 205-8035

Fax Number: (703) 205-8050

Email Address: mailroom@bskb.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Signature

August 17, 2006

Date

D. Richard Anderson - 40,439

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:

3

ATTORNEY DOCKET NO.

1163-0578PUS1

ASSIGNMENT

Application No. NEW

Filed 8/17/06

Insert Name(s) of Inventor(s) ➡ WHEREAS, Yuka FUJITA, Toshiyuki TAKAHASHI, Atsushi HORI and
Koichi HIRAMATSU of c/o Mitsubishi Electric Corporation,
Tokyo, Japan

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

Insert Title of Invention ➡ "DISPLAY UNIT"

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 July 25, 2006; and

Insert Name of Assignee ➡ WHEREAS, Mitsubishi Electric Corporation

Insert Address of Assignee ➡ of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

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.

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.

PATENT
REEL: 018212 FRAME: 0988

ATTORNEY DOCKET NO.

1163-0578PUS1

ASSIGNMENT

Application No. NEW

Filed 8/17/06

Insert Name(s)
of Inventor(s)

WHEREAS, Yuka FUJITA, Toshiyuki TAKAHASHI, Atsushi HORI and
Koichi HIRAMATSU of c/o Mitsubishi Electric Corporation,
Tokyo, Japan

Insert Title
of Invention

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

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 July 25, 2006; and

Insert Name
of Assignee

WHEREAS, Mitsubishi Electric Corporation

Insert Address
of Assignee

of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

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>July 25, 2006</u> ,	Name of Inventor <u>Yuka FUJITA</u>	<u>Yuka Fujita</u> (signature)
Date <u>July 25, 2006</u> ,	Name of Inventor <u>Toshiyuki TAKAHASHI</u>	<u>Toshiyuki Takahashi</u> (signature)
Date <u>July 25, 2006</u> ,	Name of Inventor <u>Atsushi HORI</u>	<u>Atsushi Hori Hori</u> (signature) ^{A.H. July 25, 2006}
Date <u>July 25, 2006</u> ,	Name of Inventor <u>Koichi HIRAMATSU</u>	<u>Koichi Hiramatsu</u> (signature)
Date _____ ,	Name of Inventor _____	_____ (signature)
Date _____ ,	Name of Inventor _____	_____ (signature)