

03-03-2008



103485680

Docket No.: 081225-0011

PATENTS 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)

Hiroshi OSAKA, Yasuhiko MURAI, Hiroyuki KURAMOTO,
Koichi UCHIMURA

2. Name and address of receiving party(ies)

Name: KOYO ELECTRONICS INDUSTRIES CO.,
LTD.

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Y

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): December 6, 2008

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

171, 1-chome, Tenjin-cho, Kodaira-shi, Tokyo
187-0004 JAPANAdditional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Patent Application No(s).

11/984,219 filed on November 14, 2007

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

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

Phone Number: 202.756.8000

Fax Number: 202.756.8087

Email Address:

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
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9. Signature.

Michael E. Fogarty, 36,139

January 18, 2008

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Hiroshi OSAKA</u>	(4) <u>Koichi UCHIMURA</u>
(2) <u>Yasuhiko MURAI</u>	(5) _____
(3) <u>Hiroyuki KURAMOTO</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

KOYO ELECTRONICS INDUSTRIES CO.,LTD.

171, 1-chome, Tenjin-cho, Kodaira-shi, Tokyo 187-0004 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

FUNCTION EXPANDING METHOD FOR SMALL-SIZED DISPLAY DEVICE

(a) for which an application for United States Letters Patent was filed on [case_filing_date], and identified by United States Serial No. [case_serial_number]; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS,

DATE SIGNED

1) Hiroshi Osaka
Name: Hiroshi OSAKA

Dec. 6, 2007

2) Yasu Mura
Name: Yasuhiko MURAI

Dec. 6, 2007

3) Hiroyuki Kuramoto
Name: Hiroyuki KURAMOTO

Dec. 6, 2007

4) ^{1.11}~~Dec. 6, 2007~~ ~~Koichi Uchimura~~ Koichi Uchimura
Name: Koichi UCHIMURA

Dec. 6, 2007

5) _____
Name: _____

6) _____
Name: _____

RECORDATION FORM COVER SHEET

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☒ Authorized to be charged to deposit account
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☐ None required (government interest not affecting title)

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b. Deposit Account Number **500417**
Authorized User Name _____

9. Signature.

Michael E. Fogarty, 36,139

February 27, 2008

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **3**



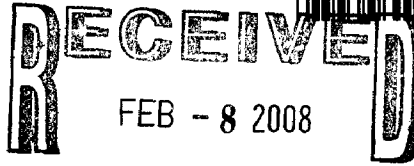
UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 30, 2008

MCDERMOTT WILL & EMERY, LLP
600 13TH STREET, N.W.
WASHINGTON, D.C 20005-3096

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