

12-19-2005

T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

103139657

To the Honorable Commissioner of Patents and Trademarks, Please return the attached original Documents or copy thereof.

1. Name of conveying party(ies):

(1)Haruyo TAKAYANAGI (2)Akira KONDO
(3)Tetsuro HARA (4)Naoya KIMURA
(5)Takayuki SHIMIZU (6)Shuji FURUICHIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other Correction of Assignee's Name and AddressExecution Date: (1)06/03/2005 (2)06/03/2005
(3)06/03/2005 (4)06/03/2005 (5)06/03/2005
(6)06/03/2005

2. Name and address of receiving party(ies)

Name: Oki Electric Industry Co., Ltd.
Internal Address:

Street Address: 7-12, Toranomom 1-chome

City: Minato-ku
Country: JAPANPrefecture: Tokyo
ZIP: 105-0001Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)

11/193,352

B. Patent No.(s)

Additional Application numbers attached? ☐ Yes ☒ No

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

Name:

Shinju Global IP Counselors, LLP

Internal Address:

Street Address: 1233 Twentieth Street, NW
Suite 700

City: Washington State: D.C. ZIP: 20036

12/16/2005 DBYRME 00000072 11193352

01 FC:0021

40.00 DP

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) : \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(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.

Todd M. Guise

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet Information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

G:\12-DEC05-NAT\OI-US055034 Assignment Cover (correction).doc

PATENT
REEL: 017354 FRAME: 0648

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Haruyo TAKAYANAGI, Akira KONDO, Tetsuro HARA, Naoya KIMURA,
Takayuki SHIMIZU and Shuji FURUICHI
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to A SCANNING METHOD OF DISPLAY PANEL AND A DISPLAY UNIT

☒ the inventor(s) declaration for said application being executed concurrently with the execution of
this instrument; said application to be filed in the United States Patent and Trademark Office;
☐ said application having been filed in the United States Patent and Trademark Office on, _____
_____ authorization being hereby given to my attorneys, CUSTOMER NUMBER 22919
of Global IP Counselors, LLP., 1233 Twentieth Street, NW, Suite 700, Washington, DC 20036, to insert
here in parentheses (Application Serial No. _____) the application serial number of
said application when known;
☐ said application having been filed under the Patent Cooperation Treaty
on _____,
Serial No.) _____, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd.
of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and
to said application, including any and all divisions and continuations thereof, and in and to said invention
and any and all patents which may be granted therefor, 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 paid by said assignee to said assignor, the receipt of which is hereby
acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's
successors and assigns, the full and exclusive right, title and interest in and to said application, including
any and all divisions and continuations thereof, and in and to said invention and any and all patents which
may be granted therefor, including any and all renewals, reissues and prolongations thereof; said
assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said
application, including any and all divisions and continuations thereof, and the said invention and any and
all patents which may be granted therefor, including any and all renewals, reissues and prolongations
thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining
thereto, for and during the term or terms of any and all such patents when granted, including any and all
renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said
assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or
could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's
successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents,
including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue
Letters Patent on said application, and on any and all divisions and continuations thereof,
to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, June 3, 2005

WITNESS:

ASSIGNOR:

Signature: Akira Yoshida

Signature: Haruyo Takayanagi

Name: Haruyo TAKAYANAGI

Global IP Counselors, LLP

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 3

EXECUTED, June 3, 2005

WITNESS:

ASSIGNOR:

Signature: Akira Yoshida

Signature: Akira Kondo

Name: Akira KONDO

EXECUTED, June 3 2005

WITNESS:

ASSIGNOR:

Signature: Akira Yoshida

Signature: Tetsuro Hara

Name: Tetsuro HARA

EXECUTED, June 3, 2005

WITNESS:

ASSIGNOR:

Signature: Akira Yoshida

Signature: Naoya Kimura

Name: Naoya KIMURA

EXECUTED, June 3, 2005

WITNESS:

ASSIGNOR:

Signature: Akira Yoshida Signature: Takayuki Shimizu
Name: Takayuki SHIMIZU

Global IP Counselors, LLP

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 3 of 3

EXECUTED, June 3, 2005

WITNESS:

ASSIGNOR:

Signature: Shinichi Sato Signature: Shuji Furuichi
Name: Shuji FURUICHI

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____ Signature: _____
Name: _____

EXECUTED, _____