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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)

Hideki KANOU

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Execution Date(s) February 21, 2008

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

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

State: Tokyo

Country: Japan Zip: 105-8460

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Junichi MIMURA

Internal Address: 07DCOAI019

Street Address: OKI America, Inc.

1101 14th Street, N.W., Suite 555

City: Washington

State: DC Zip: 20005

Phone Number: (202) 452-6190

Fax Number: (202) 452-6148

Email Address: jmimura@speakeasy.net

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

03/06/2008 EXPIRATION DATE 0000005 500945 12073154

01.FC:0021 40.00 DA

b. Deposit Account Number 50-0945

Authorized User Name OKI America, Inc.

9. Signature:

Signature

February 29, 2008

Date

Junichi MIMURA

Name of Person Signing

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

2

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hideki KANOU c/o Oki Electric Industry Co., Ltd.
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to: TIMING CONTROLLER, LIQUID CRYSTAL DISPLAY DEVICE HAVING THE TIMING
CONTROLLER AND METHOD OF DRIVING THE LCD DEVICE

[☒] 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 patent agent, Junichi Mimura of Oki
America, Inc, 1101 14th Street, N.W., Suite 555, Washington, D.C. 20005 and attorney, Steven M. Rabin of
RABIN & BERDO, P.C., 1101 14th Street, N.W., Suite 500 Washington, D.C. 20005, 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, Toranomom 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.

AND Assignors hereby grant the following individuals 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 United
States Patent and Trademark Office for recordation of this document:

Junichi MIMURA

All practitioners at Customer Number 26071.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the
invention was made.

EXECUTED, February 27, 2008

WITNESSES:

Signature: Indu Jakhar

ASSIGNOR:

Signature: Hideki Kanou

Name: Hideki KANOU

OKI AMERICA, INC.

PATENT

RECORDED: 02/29/2008

REEL: 020622 FRAME: 0788