Docket No.: 08USFP2014-K.N. U.S. PTO 12-18-2008 **ORM PTO-1595 (Modified)** 12/314304 U.S. DEPARTMENT OF COMMERC ΞT ev. 03-01) MB No. 0651-0027 (exp.5/31/2002) 12/08/2008 Patent and Trademark Offic 98A/REV04 103540134 Tab settings → → To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies): I. Name of conveying party(ies): Kengo UMEDA Name: NEC Electronics Corporation Address: 1753 Shimonumabe, Nakahara-ku ☐ Yes ☒ No Additional names(s) of conveying party(ies) Nature of conveyance/Execution Date(s): Execution Date(s): November 27, 2008 City: Kawasaki ☐ Merger State/Prov.: Kanagawa ☐ Security Agreement Change of Name ☐ Joint Research Agreement ZIP: 211-8668 Country: Japan ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other ☐ Yes ⊠ No Additional name(s) & address(es) This document is being filed together with a new application Application or patent numbers(s): A. Patent Application No. (s) B. Patent No.(s) ☐ Yes 🖾 No Additional numbers attached? Name and address to whom correspondence 6. Total number of applications and patents oncerning document should be mailed: involved: lame: Sean M. McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 legistration No.: 34,386 Authorized to be charged by credit card ddress: McGinn Intellectual Property Law Group, PLLC Authorized to be charged to deposit account 321 Old Courthouse Road Enclosed uite 200 ☐ None required (government interest not affecting title) ∹ity: Vienna 8. Payment Information tate/Prov.: Virginia a. Credit Card Last 4 Numbers ZIP: 22182-3817 ountry: USA **Expiration Date** hone Number: (703) 761-4100 b. Deposit Account Number 50-0481 (deficiencies only) ax Number: (703) 761-2375 or (703) 761-2376 Authorized User Name Sean M. McGinn mail Address: admin@mcginniplaw.com Signature:

Documents to be recorded (including cover sheet) should be faxed to (\$74)273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

Sean M. McGinn, Esq.

Name of Person Signing

12/09/2008 SZEWDIE1 00000055 123P4964

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December 8, 2008

40.00 OP Total number of pages including cover sheet attaches.

sheet, attachments, and document:

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

Kengo UMEDA

NAME AND ADDRESS OF ASSIGNOR

c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

APPARATUS AND METHOD FOR DRIVING LIQUID CRYSTAL DISPLAY PANEL

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

NEC Electronics Corporation

1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any (Assignment of Application for Patent -- page 1 of 2)

PATENT REEL: 022019 FRAME: 0458 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 27 day of November 200 8.

	Vin Winds
SIGNATURE	By: Kingo Umeda Kengo UMEDA
SIGNATURE	Ву:
Witnesses	Hatime Masula
	(Assignment of Application for Patent page 2 of 2)

PATENT REEL: 022019 FRAME: 0459

RECORDED: 12/08/2008