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12-26-2001



Docket No.: 382684/00

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereof.
 Name of conveying party(ies): Masayoshi Suzuki Toshiya Ishii Seiji Suzuki Hiroaki Matsuyama 	2. Name and address of receiving party(ies): Name: NEC Corporation Address: 7-1, Shiba 5-chome, Minato-ku
Additional names(s) of conveying party(ies) attached? X Yes D No	
3. Nature of conveyance:	
★ Assignment Merger	
☐ Security Agreement ☐ Change of Name	City: Tokyo State/Prov.:
Other	Country: JAPAN ZIP:
Execution Date: December 7, 2001	Additional name(s) & address(es) attached? Yes No
Application number(s) or registration numbers(s):If this document is being filed together with a new applicatio	n, the execution date of the application is: December 7, 2001
Patent Application No. Filing date Additional numbers a	B. Patent No.(s) 18/18/200, 988 3619, 0998 001 19814509 62 F0:551
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Sean M. McGinn	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 34,386 Address: McGinn & Gibb, PLLC	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
8321 Old Courthouse Road, Suite 200	☐ Authorized to be charged to deposit account
City: Vienna State/Prov.: VA Country: USA ZIP: 22182-3817	8. Deposit account number: 50-0581
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of the original document. Sean M. McGinn	December 14, 2001
Name of Person Signing	Signature Date

.. Name of conveying party(ies): 5) Kiyomi Kawada 6) Yoshihiko Hirai

PATENT REEL: 012384 FRAME: 0459

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: MASAYOSHI SUZUKI
TOSHIYA ISHII, SEIJI SUZUKI, HIROAKI MATSUYAMA,
KIYOMI KAWADA and YOSHIHIKO HIRAI
c/o NEC Corporation,
7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

NAME AND ADDRESS OF ASSIGNOR

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

TITLE OF INVENTION:

LIQUID CRYSTAL DISPLAY DEVICE

WHEREAS: NEC Corporation 7-1; Shiba 5-chome, Minato-ku, Tokyo, Japan

FULL NAME AND ADDRESS OF ASSIGNEE

(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: 012384 FRAME: 0460 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

WITNESSES

RECORDED: 12/14/2001

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 7th day of December, 200 1.

SIGNATURE	By: MASAYOSHI SUZUKI
	MASAYOSHI SUZUKI
SIGNATURE	By: Toshiya Ishii
SIGNATURE	By: Seyl Suyuki
SIGNATURE	By: Hiroaki Matsuyana
SIGNATURE	By: Kiyomi Kawada (17)
SIGNATURE	By: Yoshihiko Hirai (F)
SIGNATURE	Bv·

(Assignment of Application for Patent - page 2 of 2)

PATENT REEL: 012384 FRAME: 0461