Point POLISE US. DEPARTNENT OF COMMERCE Prior POLISE 101552172 US. DEPARTNENT OF COMMERCE Prior and Trainmant. Offic Devict No: ETMS-101 1. Name of conveying partylies): 101552172 Noriaki SUGAWARA, Kimikazu MATSUMOTO, Kuminasa TLAKURA, Tatsuya STIRLI, Toshakazu SHIMIZL. Shoichi KUROHA and Shinichi NISHIDA Additional name(s) of conveying partylies) attached? 2. Name and address of receiving partylies) Name: NEC Concording Yes No X Nature of conveying partylies) attached? Street Aldress: 7.21 Shiba 5 chome Minato-ku, Tokyo JAPAN Nature of conveying partylies) attached? Street Aldress: 7.21 Shiba 5 chome Minato-ku, Tokyo JAPAN Nature of conveying partylies) attached? Street Aldress: 7.21 Shiba 5 chome Minato-ku, Tokyo JAPAN Nature of conveying partylies) attached? Street Aldress: 7.21 Shiba 5 chome Minato-ku, Tokyo JAPAN Nature of conveying partylies) attached? Street Aldress: 7.21 Shiba 5 chome (1) Other: (2) Other E. "equiton Date: November 20, 2000 B. Patent No.(6) A. Application number(s) or patent number(s): B. Patent No.(6) If this document is being filed together with a new application, the execution date of the applications and patents involved: 1 Internal Address: B. Patent Application supplications and patents involved: 1 <	12	-15-2000		
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1. Name of conveying party(ics): Noriaki SUGAWARA, Kimikazu MATSUMOTO, Kumimasa ITAKURA, Tatsuya SHIKI, Toshkazu SHIMIZU, Shoichi KUROHA and Shinichi NISHDA Additional name(s) of conveying party(ies) attacled? YesNo X Nature of conveyance: (X) Assignment 1) Merger () Other: E -cution Date: November 26, 2000 3. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the applications is: November 26, 2000 A. Patent Application No.(s) B. Patent No.(s) A. Patent Application No.(s) B. Patent No.(s) City: Boston State: MA ZIP 02110 6. Total fcc (37 CFR 3.41)	(Rev 5/39)	Patent and Trademark Office		
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City: Boston State: MA ZIP: 02110 6. Total fee (37 CFR 3.41)\$_\$40.00 (X) Enclosed Authorized to be charged to deposit account 7. Deposit account number: (Attached duplicate copy of this page if paying by deposit account) 6. Total fee (37 CFR 3.41)				
	Street Address: <u>101 Federal Street</u>			
(X) Enclosed Authorized to be charged to deposit account 7. Deposit account number: (Attached duplicate copy of this page if paying by deposit account) 6:52 8. Statement and signature. To the best of my knowledge and belief, the foregoing mformation if true and correct and invatiached copy is a true copy of the original document. Donald W. Muirhead; 33.978 Name of Person Signing Signature Total number of pages it cluding cover sheet, attachments, and document: 2 Valid documents to be recorded with required covered sheet information to:	City: Boston State: MA ZIP: 02110			
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8. Statement and signature. To the best of my knowledge and belief, the foregoing information if rule and correct and invation document. Donald W. Muirhead; 33,978 November 28, 2000 Name of Person Signing Signature Total number of pages it cluding cover sheet, attachments, and document: 2		account)		
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Washington, D.C. 20231				



26339 PATENT TRADEMARK OFFICE

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ASSIGNMENT

WHEREAS, each of the Undersigned has developed certain inventions described in U.S. patent application entitled: ACTIVE MATRIX LCD DEVICE

- (X) executed on even date Ferewith:
 () executed on _____;
 () now U.S. Application No._____ filed _____

and has full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, NEC Corporation ("ASSIGNEE"), a Japanese corporation having executive offices at 7-1 Shiba 5-chome, Minato-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW. THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which at thereby acknowledged by each of the Undersigned, each of the Undersigned hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, their entire right. title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisionals, continuations, continuations in part, substitute application, and reissues or extensions thereof; and all resultir g patents;

AND each of the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND, each of the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested: to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country;

Each of the undersigned hereby authorizes Hatchins, Wheeler & Dittmar, of 101 Federal Street, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventors(s)	Due Signed	Witnesses
1. Noricki Sugawara (2)	26/11/2000	Station alkon
Name: Noriaki SUGAWARA		Nt. L. Clean
2. Kimikazu Matsumoto	26/11/2000	Aloshi Mean
Name: Kimikazu MATSUMOTO		Atali: Clani
3. Kunimasa Stakura 🗟	26/11/2000	Atersmitte
Name: Kunimasa ITAKURA		station (Illeani
4. Jatsuya Shiki (F) Name: Tatsuya SHIKI	26/11/2000	Alexanuta

Additional inventors are being named on separately numbered sheets attached hereto.

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PATENT REEL: 011329 FRAME: 0369

ASSIGNMENT (continued)

Inventors(s)	Date Signed	Witnesses
5. To chilan Shing CR Name: Toshikazu SHIMIZU	26/11/2000	States Ukmi Attachi Ukai
6. <u>Shoichi Kuroha</u>	26/11/2000	Altashi Ukai
7. Ahinichi Nishidu (3) Name: shinichi NISHIDA	26/11/2000	Attanta.
8 Name:		

9. Name:

RECORDED: 11/28/2000

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