Form PTO-1595 1-31-92

U.S. DEPARTMENT OF COMMERCE

To the Commissioner for Patents. Please record the attached original documents or copy thereof.   Name of conveying party(ies): Hidenori IKENO	10189 PAT	7414 EET		
1. Name of conveying party(ies): Hidenori IKENO Additional name(s) of conveying party(ies) attached?    yes				
NEC CORPORATION   T.1, Shiba 5-chome   Minato-ku, Tokyo, Japan		2 Name and address of receiving marty (i.e.)?		
Additional name(s) of conveying party(ies) attached?    yes		NEC CORPORATION		
Additional name(s) of conveyance:    yes	11/17/81	7-1 Shiha 5-chome		
Additional name(s) of convey (g party(ies) attached?    yes	1/1/5/01			
3. Nature of Conveyance:    Assignment	Additional name(s) of conveying party(ies) attached?	26 <b>1</b>		
Assignment	□ yes ☑ no	j10		
Security Agreement	3. Nature of Conveyance:			
Additional name(s) & address(es) attached?    Description   Date: November 5, 2001   Dyes   D	☑ Assignment ☐ Merger			
Execution Date: November 5, 2001  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: November 5, 2001  A. Patent Application No.(s)/Confirmation No.(s)  A. Patent Application No.(s)/Confirmation No.(s)  A. Patent Application No.(s)/Confirmation No.(s)  Additional numbers attached?  B. Patent No.(s)  B. Patent No.(s)  Additional numbers attached?  One of applications and registration involved:  1 Total number of applications and registration involved:  1 Total Fee (37 CFR 3.41):  Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  DO NOT WRITE IN 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.  About Allohar Reg. No. 32,607  Date  TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2  OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  Commissioner for Patents  Box Assignments	☐ Security Agreement ☐ Change of Names			
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: November 5, 2001  A. Patent Application No.(s)/Confirmation No.(s)  //Unknown  Additional numbers attached?    Yes	☐ Other	Additional name(s) & address(es) attached?		
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: November 5, 2001  A. Patent Application No.(s)/Confirmation No.(s)  // Unknown  Additional numbers attached?  B. Patent No.(s)    Additional numbers attached?   Yes   No	Execution Date: November 5, 2001	☐ yes ☐ no		
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A. Patent Application No.(s)/Confirmation No.(s)  Additional numbers attached?  Additional numbers attached?  Additional numbers attached?  Survey No.  S. Name and address of party to whom correspondence concerning document should be mailed:  SUGHRUE MION, PLLC  2100 Pennsylvania Avenue, N.W.  Suite 800  Washington, D.C. 20037-3213  DO NOT WRITE IN 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.  Additional numbers attached?  7. Total Fee (37 CFR 3.41):  Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  DO NOT WRITE IN 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.  Allow November 13, 2001  Julin T. Callahan for Reg. No. 32,607  Park Osha  Reg. No. 24,625  TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2  OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  Commissioner for Patents  Box Assignments				
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5. Name and address of party to whom correspondence concerning document should be mailed:  SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213   DO NOT WRITE IN 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.  When Callahan for Reg. No. 32,607 Pens No. 24,625  TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2  OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion  Mail documents to be recorded with required cover sheet information to:  Commissioner for Patents Box Assignments		B. Patent No.(s)		
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2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213  DO NOT WRITE IN 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.    Movember 13, 2001	SUGHRUE MION. PLLC	7. Total Fee (37 CFR 3.41): \$40.00		
Suite 800 Washington, D.C. 20037-3213    Connection with this Assignment to Deposit Account No. 19-4880.   Authorized to be charged to Deposit Account No. 19-4880.   Boposit Account No. 19-4880.   Boposit Account No. 19-4880.   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.   Wallow Callaham for Reg. No. 32,607 November 13, 2001.   John T. Callaham for Reg. No. 24,625.   TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2   OMB No. 0651-0011 (exp. 4/94)   Do not detach this portion   Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignments				
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**PATENT REEL: 012305 FRAME: 0681** 

## Assignment

Whereas, I/Wa.

HIDENORI IKENO

Tokyo, Japan

of

hereinafter called assignor(s), have invented certain improvements in

PATTERN FORMATION METHOD AND METHOD FOR MANUFACTURING REFLECTIVE TYPE LIQUID CRYSTAL DISPLAY DEVICE USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

November 5, 2001; and

Whereas.

NEC Corporation

7-1, Shiba 5-chome,

Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/We request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/We will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

		JGHRUE, MION, ZINN, MACPEAK & SEAS '-3202 to insert here in parentheses (Application
number	, filed	) the filing date and application
number of said application	n when known.	
<b>Date</b> : 11/5/2001	s <u>Widengri</u> HIDENORI IKENO	Ikeno
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(Legalization not required	for recording but is prima faci	e evidence of execution under 35 U.S.C. §26

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**RECORDED: 11/13/2001** 

PATENT REEL: 012305 FRAME: 0682