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APR 1 6 2002	Atty Docket No: SEL 302
IN THI 1020645	ENT AND TRADEMARK OFFICE
In re application of: Masaaki HIROKI Serial No: 10/072,171 Filed: February 7, 2002 For: Liquid Crystal Display Device, And Method Of Driving Tl Art Unit: Examiner: PATENT ASSIGNM) ne Same)) ient Cover sheet
Commissioner for Patents	April 10, 2002
Washington, D. C. 20231	
Sir: Please record the attached original document or copy the	nereof. Total number of pages (with cover sheet): 2
1. Name of Conveying Party(ies): Masaaki HIROKI 4 - 16 - 0 7	5. Name and Address of Party to Whom Correspondence Concerning Document Should be Mailed:
2a. Name and Address of Receiving Party(ies): Name: Semiconductor Energy Laboratory Co., Ltd. Address: 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan	Edward D. Manzo, Esq. COOK, ALEX, McFARRON, MANZO, CUMMINGS & MEHLER, LTD. 200 West Adams Street, Suite 2850 Chicago, Illinois 60606
2b. Name and Address of Receiving Party(ies): Name: Address 3. Nature of Conveyance X_Assignment	 Total Number of Applications and Patents Involved: 1 Total Fee (37 CFR 3.41): \$40.00 7a X Enclosed
MergerSecurity AgreementChange of NameOther X_Execution Date: 4/02/02	7b. X Authorized to be Charged to Deposit Account For Any Deficiency 8. Deposit Account Number: 50/1039 (A duplicate copy of this page is 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:)	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.
4a. Patent Application No.(s) 10/072,171	Mark J. Murphy Signature
4b. Patent No.(s)	Name of Person Signing Nate: April 10, 2002 Signature Reg. No. 34,225
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DO NOT USE THIS SPACE

PATENT REEL: 012809 FRAME: 0034

ASSIGNMENT

I am the inventor (or one joint inventor) of a patent application that I am assigning. The patent application I am assigning is entitled <u>LIQUID CRYSTAL DISPLAY DEVICE</u>, <u>AND METHOD OF DRIVING THE SAME</u> which I executed herewith. If the patent application has already been filed, it received serial number <u>10/072.171</u> and bears a filing date of <u>February 7, 2002</u>.

The Assignee and The Assignment. I assign my patent rights to Semiconductor Energy Laboratory Co., Ltd. a corporation organized according to the laws of Japan, having a place of business at 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan (hereinafter "the Assignee"). The rights I assign are my entire right, title and interest in the invention or improvements disclosed in the patent application and any and all other applications for United States Letters Patent which I may file, either solely or jointly with others, on the invention or improvements, including all continuations, divisionals, and continuations-in-part, and in any and all United States Letters Patent which may be obtained on any of said applications, and in any reissue or extension thereof. I also assign to the Assignee all priority rights under the International Convention. I agree to execute, at the request of the Assignee, all documents in connection with any application for United States letters patent therefor.

Payment Received. I am making this assignment in consideration of One Dollar and other good and valuable consideration. I acknowledge the receipt and sufficiency of the consideration.

Authorizations. I request the U.S. Commissioner of Patents and Trademarks to issue the Letters Patent to the Assignee. I authorize the attorney(s) of record in the application to insert in this assignment document the date and serial number of the application.

Further Acts. I agree, upon the request and at the expense of the Assignce, to execute any divisional, continuation or substitute application for the invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon the application. I agree to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and to vest in the Assignee all rights therein, so that the Letters Patent will be held and enjoyed by the Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made.

Interference. In the event that any application or Letters Patent that I now assign becomes involved in interference, I agree to cooperate to the best of my ability in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

Marnhi Kunk	04/02/2002
Name: Masaaki HIROKI	Date
Name:	Date
Name:	Date
Name:	Date

RECORDED: 04/16/2002

PATENT REEL: 012809 FRAME: 0035