03-26-2001 I.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office Expires 06/30/99 **PATENT** OMB 0651-0027 FEB 2 3 2001 101648090 ORDATION FORM COVER SHEET **PATENTS ONLY** TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Conveyance Type Submission Type ☐ Security Agreement New Resubmission (Non-Recordation) License ☐ Change of Name Document ID # Other Correction of PTO Error ∐ Reel# Frame U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Reel # Frame ■ Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Year 2000 Name (line 1) Keiichi 11 01 Name (line 2) **SUEHIRO Execution Date** Second Party Month Day Year Name (line 1) Name (line 2) **Receiving Party** Seiko Epson Corporation Name (line 1) If document to be recorded is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic representative is attached. Address (line 1) 4-1 Nishishinjuku (Designation must be a separate document from Assignment.) 2-chome, Shinjuku-ku Address (line 2) Japan Address (line 3) Tokyo Zip Code State/Country City Enter for the first Receiving Party only **Domestic Representative Name and Address** Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs. Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS Mail documents to be recorded with required cover sheet(s) information to: ADDRESS Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231 02/27/2001 LLANDGRA 00000045 09700129

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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. Charges to deposit account are authorized, as indicated herein.  G. Gregory Schivley, Reg. No. 27,382  Name of Person Signing  Signature  Date								

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### Seiko Epson Ref. No.: F005062US00

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下記に署名した私/私達、

## 萩原 武、末廣 桂一、清水 鉄雄 は、

ある発明を創出し、これについて合衆国特許出願は

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## **Assignment**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

### Takeshi HAGIWARA, Kejichi SUEHIRO, Tetsuo SHIMIZU,

who have created a certain invention for which an application for United States Letters Patent

	executed by ME/US on even date herewith,	
	executed by ME/US on (respectively).	
	filed on and assigned Serial No,	
	filed as International Application No.	filed
	on	
and entitle	ed:	

LIQUID CRYSTAL DEVICE AND MANUFACTURING METHOD THEREOF

Do hereby sell, assign and transfer to Seiko Epson Corporation, a corporation of Japan, having a place of business at 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts. and treaties, including all future conventions, unions, agreements, acts, and treaties:

Agree that Seiko Epson Corporation, hereinafter referred to as Assignee, may apply for and receive Letters, Patent for said invention and said inventions. hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute continuations-in-part, continuations, divisions, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

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#### Seiko Epson Ref. No.: F005062US00

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さらに、下記に署名した私/私達はこの譲渡書は英語の部分の 表現によってのみ解釈されることに同意する。

上記を証明するため、私/私達は下記日付で署名する。

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

唯一または第一発明者名		Full name of sole or first inventor	
萩原 武		Takeshi HAGIWARA	
発明者の署名	日付	Inventor's signature	Date
第二共同発明者 (いる場合) 末度 桂一		Full name of second joint inventor, if any Keiichi SUEHIRO	
第二共同発明者の署名	日付	Second Inventor's signature	Date
第三共同発明者(いる場合)	Nov 1. 2000	Keiichi Suehiro Full name of third joint inventor, if any	Nov I, 2000
清水 鉄雄		Tetsuo SHIMIZU	
第三共同発明者の署名	日付	Third Inventor's signature	Date ·
第四共同発明者(いる場合)		Full name of fourth joint inventor, if any	
第四共同発明者の署名	日付	Fourth Inventor's signature	Date
第五共同発明者(いる場合)		Full name of fifth joint inventor, if any	
第五共同発明者の署名	日付	Fifth Inventor's signature	Date
第六共同発明者(いる場合)		Full name of sixth joint inventor, if any	
第六共同発明者の署名	日付	Sixth Inventor's signature	Date
第七共同発明者 (いる場合)		Full name of seventh joint inventor, if an	У
第七共同発明者の署名	貝付	Seventh Inventor's signature	Date
第八共同発明者 (いる場合)		Full name of eighth joint inventor, if any	
第八共同発明者の署名	日付	Eighth Inventor's signature	Date

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