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11-06-2001



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Attorney Docket No. 109747

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. A. Name of conveying parties:  
1) Hiroaki JIROKU  
2) Mitsutoshi MIYASAKA  
3) Hidetada TOKIOKA  
4) Tetsuya OGAWA

B. Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. A. Name and address of receiving party(ies):  
SEIKO EPSON CORPORATION  
4-1, NISHISHINJUKU 2-CHOME, SHINJUKU-KU,  
TOKYO, JAPAN

MITSUBISHI DENKI KABUSHIKI KAISHA  
2-3, MARUNOUCHI 2-CHOME, CHIYODA-KU,  
TOKYO, JAPAN

3. A. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: 1,2) October 1, 2001; 3,4) October  
15, 2001

B. Additional name(s) & address(es) attached?  
☐ Yes ☒ No

4. A. If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

B. Patent Application No. 09/875,910

C. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: James A. Oliff

Address: OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, VA 22320

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 124363)

8. Credit any overpayment or charge any underpayment to  
deposit account number 15-0461.

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.

James A. Oliff Registration No. 27,915  
Thomas J. Pardini Registration No. 30,411

Date: October 30, 2001

Total number of pages including cover sheet, attachments, and document: 2

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**ASSIGNMENT**

(1-8) Insert Name(s) of Inventor(s)

(1) Hiroaki Jiroku (5) \_\_\_\_\_  
 (2) Mitsutoshi Miyasaka (6) \_\_\_\_\_  
 (3) Hidetada Tokioka (7) \_\_\_\_\_  
 (4) Tetsuya Ogawa (8) \_\_\_\_\_

(9) Insert Name of Assignee

(10) Insert Address of Assignee

(11) Insert Identification such as Title, Case Number, or Foreign Application Number

(12) Insert Date of Signing of Application

(13) Alternative Identification for filed applications

(1) SEIKO EPSON CORPORATION; and  
 (2) Mitsubishi Denki Kabushiki Kaisha  
 (1) 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, Japan; and  
 (2) 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan  
 (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) FABRICATION METHOD OF THIN-FILM SEMICONDUCTOR DEVICE

(Attorney Docket No. \_\_\_\_\_)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) on October 1, and 15, 2001  
 09/875,910

(13) U.S. application Serial Number  
 filed June 8, 2001

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>October 1, 2001</u>	Name of Inventor	<u>Hiroaki Jiroku</u>	Hiroaki Jiroku (SEAL)
Date	<u>October 1, 2001</u>	Name of Inventor	<u>Mitsutoshi Miyasaka</u>	Mitsutoshi Miyasaka (SEAL)
Date	<u>October 15, 2001</u>	Name of Inventor	<u>Hidetada Tokioka</u>	Hidetada Tokioka (SEAL)
Date	<u>October 15, 2001</u>	Name of Inventor	<u>Tetsuya Ogawa</u>	Tetsuya Ogawa (SEAL)
Date	_____	Name of Inventor	_____	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>October 2, 2001</u>	Witness	<u>Osamu Hiramatsu</u>
Date	<u>October 15, 2001</u>	Witness	<u>Yukio Sato</u>