

09-13-2001

LETTER

Attorney Docket No.: 81751.0012



101840427

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hiroyuki SHIMADA

9-10-01

2. Name and address of receiving party(ies):

SEIKO EPSON CORPORATION  
4-1, Nishi-shinjuku 2-chome,  
Shinjuku-ku, Tokyo, Japan

and

Tadahiro OHMI  
2-1-17-301 Komegahukuro, Aoba-ku,  
Sendai-shi, Miyagi-ken, Japan

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

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

3. Nature of conveyance:

☒ Assignment

Execution Date: September 3, 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:

A. Patent Application No.(s) 09/834,992

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Michael Crapenhof, Esq.  
HOGAN & HARTSON L.L.P.  
500 South Grand Avenue, Suite 1900  
Los Angeles, CA 90071

6. Total number of applications and patents involved: [ 1 ]

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

☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1314

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

*Lawrence J. McClure*  
Lawrence J. McClure

Date: September 6, 2001

OMB No. 0651-0011 (exp. 4-94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

09/13/2001 6TON11 00000151 09834992

01 FC:581

40.00 DP

## ASSIGNMENT

WHEREAS, I, HIROYUKI SHIMADA, Kofu-shi, Yamanashi-ken, Japan, for good and valuable consideration, receipt of which is hereby acknowledged, hereby assign to, SEIKO EPSON CORPORATION, a corporation of Japan having a place of business at 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan, and to its successors, assigns, and legal representatives, my entire right, title, and interest in and to United States Patent Application Serial No. 09/834,992, filed April 12, 2001, and entitled "SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME" and in and to all corresponding Letters Patent, and all Convention and treaty rights of all kinds, in all countries throughout the world, to be held by SEIKO EPSON CORPORATION as a co-owner of the invention along with my joint inventor, TADAHIRO OHMI, Sendai-shi, Miyagi-ken, Japan, each said co-owner to have an undivided one-half interest to the invention.

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional, and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the owners of those applications and any patents that issue from them deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application, or any continuation or divisional thereof, and to cooperate with the owners of such applications or patents in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the owners of the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any

divisional or continuing applications thereof to the patent's owners, as Assignee of the entire interest, and hereby covenants that he has full right to convey the entire interest herein assigned, and that he has not executed any agreement in conflict herewith.

6) The undersigned hereby appoint(s) the persons associated with Customer Number:



the power to insert on this assignment any further identification <sup>26021</sup> which 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.

I agree to do all acts and sign all documents necessary to secure, defend, and maintain this international patent application, and all such national and/or regional patent applications in accordance with this assignment.

Date: Sep. 3, 2001

Hiroynuki Shimada

Hiroynuki Shimada