

12/8/03

12-18-2003



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To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy

1. Name of conveying party(ies):

Tetsuo KIDA  
Samuel Kenneth LIEM

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

MEC COMPANY LTD.  
1 Higashihatsushima-cho  
Amagasaki-shi, Hyogo 660-0832  
Japan

SAMUEL KENNETH LIEM  
10726 Randy Lane,  
Cupertino, CA 95014, USA

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

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: October 30, 2003, November 4, 2003

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: unknown

A. Patent Application No.(s)

B. Patent No.(s)

10/616,194

Additional numbers attached?  Yes  No

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

Name: Douglas P. Mueller  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

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

- Enclosed
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Douglas P. Mueller (30,300)

Name of Person Signing

Signature

December 4, 2003

Date

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PATENT TRADEMARK OFFICE

**INSTRUCTIONS**

**ASSIGNMENT OF U.S. RIGHTS**

WHEREAS,

Inventor(s) Name,  
Address, Citizenship

1. Tetsuo KIDA residing at c/o MEC COMPANY LTD., 1 Higashihatsushima-cho, Amagasaki-shi, Hyogo 660-0832, Japan and a citizen of Japan;

2. Samuel Kenneth LIEM residing at 10726 Randy Lane, Cupertino, CA 95014, U.S.A. and a citizen of U.S.A.;

Date Patent Declaration  
Signed and Title Serial  
No. and filing date (if  
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on \_\_\_\_\_ for this invention, which application is entitled METHOD FOR MANUFACTURING PRINTED CIRCUIT BOARD and which has been given Serial Number 10/616,194 and the filing date of July 9, 2003;

Name of Corporation

AND WHEREAS MEC COMPANY LTD. (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1 Higashihatsushima-cho, Amagasaki-shi, Hyogo 660-0832, Japan and SAMUEL KENNETH LIEM (herein called "ASSIGNEE"), having an address of 10726 Randy Lane, Cupertino, CA 95014, U.S.A.

State or Country of  
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

\_\_\_\_\_  
Signature *Tetsuo Kida*

Oct 30, 2003  
Date

Note: No legalization or other witness required

\_\_\_\_\_  
Signature *Samuel K Liem*

NOV 4, 2003  
Date