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PATENTS ONLY

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1. Name of conveying party(ies):  
Kentaro YANO, Susumu OKIKAWA and Noboru HANAI,

2. Name and address of receiving party(ies)?  
Hitachi Metals Ltd.  
2-1 Shibaura 1-chome,  
Minato-ku, Tokyo JAPAN

Additional name(s) of conveying party(ies) attached?

yes  no

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Names  
 Other

Additional name(s) & address(es) attached?

yes  no

Execution Date: February 21, 2000

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: February 21, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

09/515072

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:  
1

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

Peter D. Olexy, P.C.

Reg. No. 24,513

February 28, 2000

Date

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PATENT  
REEL: 010627 FRAME: 0832

# ASSIGNMENT

Whereas, I/We, **Kentaro YANO** of 1240-69, Hashimacho, Yasugi-shi, Shimane-ken, Japan;  
**Susumu OKIKAWA** of 1-56, Suehirocho 1-chome, Oume-shi, Tokyo, Japan; and **Noboru HANAI** of 676, Tomimasucho,  
Yonago-shi, Tottori-ken, Japan, hereinafter called assignor(s), have invented certain improvements in  
WIRING LAYER TRANSFER COMPOSITE AND METHOD AND APPARATUS FOR PRODUCING SAME

and executed an application for Letters Patent of the United States of America therefor on

February 21, 2000; and

Whereas, **Hitachi Metals, Ltd.** of 2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan (assignee), desire to acquire the  
entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and  
assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America,  
including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters  
Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute  
without further consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania  
Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number \_\_\_\_\_,  
Filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: February 21, 2000

Kentaro Yano  
Kentaro YANO

Date: February 21, 2000

Susumu Okikawa  
Susumu OKIKAWA

Date: February 21, 2000

Noboru Hanai  
Noboru HANAI