$-\alpha$	ヘミコつ
1 191	0573.

9/27/	-04-2005 Q90573	
MODIFIED - n PTO-1595 R (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Director of the U.S. Patent and Trademark University	original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Hidetoshi AWATA	MITSUI MINING & SMELTING CO., LTD.	
Yasuhiro KIRIDOSHI	1-11-1, Osaki, Shinagawa-ku,	
	Tokyo 141-8584	
	Japan O	
	488 ■	
	0,T	
Additional name(s) of conveying party(ies) attached? Yes No	38.	
3. Nature of conveyance:	2 Sept. 1	
☑ Assignment ☐ Merger	13.	
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: September 16, 2005 and September 16,		
2005, respectively	Additional name(s) & address(es) attached? ☐ Yes ☑ No	
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: September 16, 2005		
A. Patent Application No.(s)	B. Patent No.(s)	
••		
Additional numbers a	1 attached? ☐ Yes ☑ No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:	1	
 SUGHRUE MION, PLLC 	7. Total fee (37 CFR 3.41): \$40.00	
WASHINGTON OFFICE	☑ Enclosed.	
. 23373	Authorized to be charged to Deposit Account No. 19-4880.	
CUSTOMER NUMBER	The USPTO is directed and authorized to charge all required	
	fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said	
	Deposit Account.	
	8. Deposit Account Number:	
	19-4880	
(Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE		
9. Statement and signature.		
	rmation is true and correct and any attached copy is a true copy of the	
original document	rmation is true and correct and any attached copy is a true copy of the	
Cook	9 . 1 97 9997	
Abraham J. Rosner Reg. No.	September 27, 2005 33,276 Date	
10g. 10. 33,270		
Total number of pages including cover sheet, attachments, and documents: 2		
Mail documents to be recorded with required cover sheet information to:		
MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office		
P.O. Box 1450		
Alexandria, VA 22313-1450		

10/03/2005 ECOOPER 00000195 11235138_ 40.00 DP 01 FC:8021

> **PATENT REEL: 017037 FRAME: 0535**

Assignment

Whereas, I/We, <u>Hidetoshi AWATA of c/o MCS</u>, <u>Inc. 1-1-1</u>, <u>Hikoshima-nishiyamacho</u>, <u>Shimonoseki-shi</u>, <u>Yamaguchi 750-0093 JAPAN and Yasuhiro KIRIDOSHI of c/o MCS</u>, <u>Inc. 1-1-1</u>, <u>Hikoshima-nishiyamacho</u>, <u>Shimonoseki-shi</u>, <u>Yamaguchi 750-0093 JAPAN</u>

hereinafter called assignor(s), have invented certain improvements in

COF Flexible Printed Wiring Board and Method of Producing the Wiring Board and executed an application for Letters Patent of the United States of America therefor on September 16, 2005; and

Whereas, MITSUI MINING & SMELTING CO., LTD., 1-11-1, Osaki, Shinagawa-ku, Tokyo 141-8584 JAPAN

(assignee), desires 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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE	MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in pa	arentheses
(Application number and Confirmation num	nber
, filed) the filing date
and application number of said application when known.	
Date: September 16, 2005 Hide toshi Awata	
s/ Hidetoshi AWATA	
Date: September 16, 2005 (aguhiro Kiridoshi	
s/ Yasuhiro KIRIDOSHI	
Date:	
s/	
Date:	
s/	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

PATENT RECORDED: 09/27/2005 REEL: 017037 FRAME: 0536