

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Toshifumi KAWAMURA</td> <td>07/03/2007</td> </tr> <tr> <td>Toru IMORI</td> <td>07/03/2007</td> </tr> </tbody> </table>		Name	Execution Date	Toshifumi KAWAMURA	07/03/2007	Toru IMORI	07/03/2007
Name	Execution Date						
Toshifumi KAWAMURA	07/03/2007						
Toru IMORI	07/03/2007						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	NIPPON MINING & METALS CO., LTD.						
<b>Street Address:</b>	10-1, Toranomom 2-chome						
<b>City:</b>	Minato-ku, Tokyo						
<b>State/Country:</b>	JAPAN						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11795355</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11795355		
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Application Number:	11795355						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(269)381-5465						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	2693811156						
<b>Email:</b>	docket@flynnthiel.com						
<b>Correspondent Name:</b>	Terryence F. Chapman						
<b>Address Line 1:</b>	2026 Rambling Road						
<b>Address Line 4:</b>	Kalamazoo, MICHIGAN 49008-1631						
<b>ATTORNEY DOCKET NUMBER:</b>	4700.P0348US						
<b>NAME OF SUBMITTER:</b>	Terryence F. Chapman						
<b>Total Attachments: 1</b> source=00107202#page1.tif							

**CH \$40.00 11795355**

ASSIGNMENT

United States (Sole or Joint)  
(Excluding Foreign Rights)

WHEREAS, I/We, (1)Toshifumi KAWAMURA and (2)Toru IMORI

residing at (1)Kitaibaraki-shi,Ibaraki,Japan and (2)Kitaibaraki-shi,Ibaraki,Japan

have invented certain new and useful improvements in  
RESIN SUBSTRATE MATERIAL, ELECTRONIC COMPONENT SUBSTRATE MATERIAL MANUFACTURED BY  
ELECTROLESS PLATING ON THE SAME, AND METHOD FOR MANUFACTURING ELECTRONIC COMPONENT  
SUBSTRATE MATERIAL

for which an application for United States Letters patent was  
signed by us on July 3, 2007.

WHEREAS, (1)NIPPON MINING & METALS CO.,LTD.

having a place of business at(1)10-1,Toranomon 2-chome,Minato-ku,Tokyo,Japan

hereinafter called the "Assignee", is desirous of acquiring the entire  
right, title and interest in and to said invention and in and to any  
Letters Patent that may be granted therefor, in the United States and  
its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00)  
and other valuable considerations, the receipt whereof is hereby  
acknowledged, I/we have sold, assigned and transferred, and by these  
presents do sell, assign, transfer and confirm in and to said Assignee  
my/our full and exclusive right to the said invention in the United  
States and its territorial possessions and my/our entire right, title  
and interest in and to said application and any and all Letters Patent  
which may be granted therefor in the United States and its territorial  
possessions and in and to any and all divisions, reissues, continuations  
and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in  
the United States to issue any and all of said Letters Patent, when  
granted, to said Assignee for the sole use and behoof of the said  
Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witnessed by:

Akihito Yokohata  
Akihito YOKOHATA  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inventor(s):

Date:

Toshifumi Kawamura July 3, 2007  
Toshifumi KAWAMURA  
Toru Imori July 3, 2007  
Toru IMORI  
\_\_\_\_\_  
\_\_\_\_\_  
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