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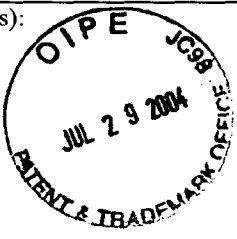


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Takayuki KATO  
Hiroshi SUZUKI



2. Name and address of receiving party(ies):  
YAZAKI CORPORATION  
4-28, Mita 1-chome,  
Minato-ku,  
Tokyo,  
Japan

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

3. Nature of conveyance:  
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Execution Date: April 5, 2004

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)  
10/804,221

B. Patent No.(s)  
not yet assigned  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
23373  
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6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$40.00  
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*Darryl Mexic* Reg. No. 38,557 July 29, 2004  
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PATENT  
REEL: 015627 FRAME: 0162

# ASSIGNMENT

Whereas, I/we Takayuki Kato and Hiroshi Suzuki  
both of Shizuoka, Japan

hereinafter called assignor(s), have invented certain improvements in  
APPARATUS FOR PRODUCING A COMPOSITE MATERIAL INCLUDING CERAMIC HOLLOW PARTICLES AND  
ALUMINUM OR ALUMINUM ALLOY AND METHOD FOR PRODUCING THE COMPOSITE MATERIAL THE SAME  
and executed an application for Letters Patent of the United States of America therefor on

April 5, 2004 ; and

Whereas, YAZAKI CORPORATION of 4-28, Mita 1-chome, Minato-ku, Tokyo, 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, including the right to claim priority under  
35 U.S.C. § 119, 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 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/our attorneys SUGHRUE MION, PLLC of 2100  
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application  
number 10/804,221, filed on March 19, 2004 ) the filing date and application  
number of said application when known.

Date: April 5, 2004 s/ TAKAYUKI KATO  
Takayuki Kato

Date: April 5, 2004 s/ HIROSHI SUZUKI  
Hiroshi Suzuki

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

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