

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Youichirou Kaga	09/03/2007
Junichi Watanabe	09/03/2007
Hisayuki Imamura	09/03/2007
Hiromi Kikuchi	09/03/2007
RECEIVING PARTY DATA	
Name:	Hitachi Metals, Ltd.
Street Address:	1-2-1, Shibaura, Minato-ku
City:	Tokyo 105-8614
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11911794
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	3883-042
NAME OF SUBMITTER:	Stephan A. Pendorf
<p>Total Attachments: 3</p> <p>source=Assignment3883042#page1.tif</p> <p>source=Assignment3883042#page2.tif</p>	

CH \$40.00 11911794

**500394310**

**PATENT**  
**REEL: 020086 FRAME: 0433**



## **ASSIGNMENT**

In consideration of the payment by ASSIGNEE to ASSIGNORS of valuable consideration, receipt whereof is hereby acknowledged, and for other good and valuable consideration,

### **ASSIGNORS**

Youichirou KAGA  
600, H-405, Jurokken, Kumagaya-shi  
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Hiromi KIKUCHI  
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Hisayuki IMAMURA  
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Junichi WATANABE  
754-7, Jurokken, Kumagaya-shi  
Saitama 360-0846  
Japan

hereby sell, assign and transfer to

### **ASSIGNEE**

Hitachi Metals, Ltd.  
1-2-1, Shibaura, Minato-ku  
Tokyo 105-8614  
Japan

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and countries foreign thereto, in and to any and all improvements which are disclosed in the invention entitled "**A SILICON NITRIDE SUBSTRATE, A MANUFACTURING METHOD OF THE SILICON NITRIDE SUBSTRATE, A SILICON NITRIDE WIRING BOARD USING THE SILICON NITRIDE SUBSTRATE, AND SEMICONDUCTOR MODULE**", and which is

U.S. Application No.  
Assignment

Attorney Docket: 3883-042

found in U.S. Patent Application Serial Number

11/911,794 filed October 17, 2007, (I hereby authorize and request our attorneys Akerman Senterfitt of 222 Lakeview Avenue, Suite 400, West Palm Beach, Florida 33401, to insert the application number and filing date of said application when known) or any continuation, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including the right to claim priority under 35 U.S.C. §119, and I 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 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;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been made or will be made or entered into which would conflict with this Assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application,

U.S. Application No.  
Assignment

Attorney Docket: 3883-042

said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: September 3, 2007

Youichirou KAGA  
Youichirou KAGA

Date: September 3, 2007

Hiromi KIKUCHI  
Hiromi KIKUCHI

Date: September 3, 2007

Hisayuki IMAMURA  
Hisayuki IMAMURA

Date: September 3 2007

Junichi Watanabe  
Junichi WATANABE

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