

10-23-2006

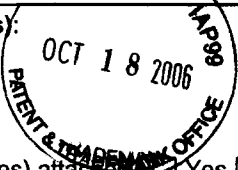


To the Director of the U.S. Patents and Trademark Office

103325554

Attached original documents or copy thereof.

10/18/06



1. **Name of conveying party(ies):**  
1) Kazushige OHNO  
2) Hiroki SATO  
3) Masayuki HAYASHI  
4) Kazutake OGYU  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. **Name and address of receiving party(ies):**  
Name: IBIDEN CO., LTD.

Internal Address:

3. **Nature of conveyance/Execution Date(s):**  
Execution Dates October 6, 2006  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Street Address: 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-8604, Japan

City:

State: Zip Code:

Additional name(s) & Address(es) attached?  
 Yes  No

4. **Application number(s) or patent number(s):**  
A. Patent Application Number(s):  
11/496,431  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent Number(s):  
 Yes  No

5. **Name and address of to whom correspondence concerning document should be mailed:**  
Name: Mr. Ernest F. Chapman

6. **Total number of applications and registrations involved:**  
1

7. **Total fee (37 CFR 3.41): \$40**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed (Please charge deficiency to deposit account)  
 None required (government interest not affecting title)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

8. **Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_ Expiration Date \_\_\_\_\_  
b. Deposit Account No.: 06-0516  
Authorized User Name \_\_\_\_\_

8. **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.  
Ernest F. Chapman  
Reg. No. 25,961  
  
Signature  
October 18, 2006  
Date  
Total number of pages including cover sheet, attachments and documents: 4

10/20/2006 000000111 11496431 40.00 EP 01 FC:8021

Attorney Docket No.: 09971.0011

JOINT INVENTION  
(U.S. Rights Only)**ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

**HONEYCOMB STRUCTURED BODY**

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on August 1, 2006 (Application No. 11/496,431 ); and

WHEREAS, IBIDEN CO., LTD., a corporation of Japan, whose post office address is 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-8604 Japan (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 11/496,431 , filed August 1, 2006) the filing date and application number of said application when known.

**PATENT**  
**REEL: 018430 FRAME: 0550**

Attorney Docket No.: 09971.0011

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Kazushige OHNO  
c/o IBIDEN CO., LTD. Ogaki Kita Plant,  
1-1, Kitagata, Ibigawacho,  
Ibi-gun, Gifu 501-0695 Japan

Citizenship: Japan

Signature: Kazushige OHNODate: OCT. - 6. 2006**Second Assignor**

Hiroki SATO  
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Citizenship: Japan

Signature: Hiroki SatoDate: OCT. - 6. 2006**Third Assignor**

Masayuki HAYASHI  
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Citizenship: Japan

Signature: Masayuki HayashiDate: OCT. - 6. 2006

Attorney Docket No.: 09971.0011

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Citizenship: Japan

Signature: Kazutake Ogyu.

Date: OCT. - 6, 2006