## 504843822 03/29/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4890559

CONVEYING PARTY DATA         Name       Execution D         SUMITOMO CHEMICAL COMPANY       03/09/2018         RECEIVING PARTY DATA         Name:       IBIDEN CO., LTD.         Street Address:       2-1 KANDA-CHO         City:       OGAKI-SHI, GIFU         State/Country:       JAPAN         Postal Code:       503-8604         PROPERTY NUMBERS Total: 4	SUBMISSION TYPE:		NEW ASSIGNMENT		
Name     Execution D       SUMITOMO CHEMICAL COMPANY     03/09/2018       RECEIVING PARTY DATA     03/09/2018       Name:     IBIDEN CO., LTD.       Street Address:     2-1 KANDA-CHO       City:     OGAKI-SHI, GIFU       State/Country:     JAPAN       Postal Code:     503-8604       PROPERTY NUMBERS Total: 4     Property Type       PROPERTY NUMBERS Total: 4     Property Type       Patent Number:     15122510       Application Number:     15537221       Patent Number:     9782912       Patent Number:     9700820   CORRESPONDENCE DATA Fax Number: <ul> <li>(202)408-4400</li> <li>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number; if provided; if that is unsuccessful, it will be sent using a fax number; if provided; if that is unsuccessful, it will be sent using a fax numb</li></ul>	NATURE OF CONVEYANCE:		ASSIGNMENT		
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SIGNATURE: /Anthony A. Hartmann/	ITORNEY DOCKET NU	MBER:	13033.0999-00000		
	NAME OF SUBMITTER:		ANTHONY A. HARTMANN	ANTHONY A. HARTMANN	
	SIGNATURE:		/Anthony A. Hartmann/		
	DATE SIGNED:		03/29/2018		

## ASSIGNMENT

WHEREAS, SUMITOMO CHEMICAL COMPANY, (hereinafter referred to as "ASSIGNOR"), a Japanese corporation whose post office address is 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 Japan, is the owner, by assignment (shown below) of the following United States Patents and Patent Applications (collectively the "Patents and Applications"):

U.S. Patent No.	Title	<b>Recordation Date</b>
9,700,820 B2	METHOD FOR PRODUCING HONEYCOMB STRUCTURES	June 6, 2016 at Reel/Frame: 038884/0194
9,782,912 B2	METHOD FOR PRODUCING HONEYCOMB STRUCTURE, JIG, AND HONEYCOMB STRUCTURE	May 27, 2016 at Reel/Frame: 038839/0026
U.S. Application No.	Title	Recordation Date
<u>U.S. Application No.</u> 15/122,510	<u>Title</u> HONEYCOMB FILTER, AND METHOD FOR MANUFACTURING HONEYCOMB FILTER	Recordation Date October 6, 2016 at Reel/Frame: 039955/0013

WHEREAS, IBIDEN Co., LTD., (hereinafter referred to as "ASSIGNEE"), a Japanese corporation, whose post office address is 2-1 Kanda-cho, Ogaki-shi, Gifu 503-8604 Japan, is desirous of acquiring the entire right, title, and interest in and to the above listed Patents and Applications in the United States, and in and to any and all applications for patents on the inventions of the Applications in the United States and any Letters Patent to be issued on the Applications;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from ASSIGNEE is hereby acknowledged, ASSIGNOR has sold, assigned, transferred, and set over, and does hereby sells, assigns, transfers, and sets over unto the ASSIGNEE, its lawful successors and assigns, ASSIGNOR's entire right, title, and interest in and to the above listed Patents and Applications, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof;

AND, ASSIGNOR HEREBY covenants that it has the full right to convey the interest assigned by this Assignment, and it has not executed and will not execute any agreement in conflict with this Assignment;

1

PATENT REEL: 045387 FRAME: 0051

IN TESTIMONY WHEREOF, SUMITOMO CHEMICAL COMPANY has caused this Assignment to be signed by its duly authorized officer, effective as of the date written below.

Assignor Name:

SUMITOMO CHEMICAL COMPANY 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 Japan

Signature:	Four tuteana
Printed Name:	Toru UEKAWA
Corporate Title:	General Manager, Intellectual Property Dept.
Execution Date:	Maych 9, 2018

**RECORDED: 03/29/2018**