Atty Docket No.: 273635US90 FORM PTO-1595 PATE 103108064 To the Director of the United States Patent and Trademark Ol..... nents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Takamitsu SAIJO Name: IBIDEN CO., LTD. Yuichi HIROSHIMA Address: 1, Kandacho 2-chome, Ogaki-shi, Tatsuya KOYAMA Gifu 503-8604, Japan Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Additional name(s) and address(es) attached? 🔲 Yes 📰 No Execution Date: August 1, 2005 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application A. Patent Application No.(s) B. Patent No.(s) 11/145,986 Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed

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PATENT

REEL: 017082 FRAME: 0246

273635US90

Assignment of Application

١	WHEREAS, I (WE) Takamitsu SAIJO, Yuichi HIROSHIMA and Tatsuya KOYAMA all of c/o IBIDEN CO., LTD.,			
_	Ogakikita Jigyojo, 1-1, Kitagata, Ibigawacho, Ibi-gun, Gifu 501-0695 JAPAN			
-				
_				
_				
-				
	, respectively			
	, respectively			
	have invented certain new and useful improvements in: FIRING FURNACE, POROUS CERAMIC MEMBER			
	MANUFACTURING METHOD USING THE SAME, AND POROUS CERAMIC MEMBER MANUFACTURED			
_	BY THE MANUFACTURING METHOD			
	(Application No. 11/145,986 , filed on June 7, 2005), and			
	WHEREAS, IBIDEN CO., LTD.			
(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-				
	8604 JAPAN 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 therefore in the United States and its territorial possessions and in any and all			

foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

12/04

PATENT REEL: 017082 FRAME: 0247

Page 2 of 2

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	AUG 1. 2005		Takanitsu SAJJO	
		(Signature of Inventor)	Takamitsu SAIJO	
Date:	AUG 1, 2005		yuichi HIROSHIMA	
		(Signature of Inventor)	Yuichi HIROSHIMA	
Date:	AUG 1, 2005		Tatsvya. KOYAMA	
		(Signature of Inventor)	Tatsuya KOYAMA	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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