10-06-1998 SHEET FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Tradema Off OMB No. 0651-001 (exp. 4/94) torney Docket No.: ASAINOUX 100844645 attached original documents or copy thereof. To the Honorable Commissioner of 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Shouju MASAKI ISHIKAWAJIMA-HARIMA HEAVY Takemi YAMAMURA INDUSTRIES CO., LTD.; UBE INDUSTRIES Tetsurou HIROKAWA Takeshi TANAMURA Ltd.; and Shikibo, Ltd. Internal Address: 2-1, 2-chome, Otemachi, Chiyoda-ku, Tokyo, Japan; 12-32, 1-chome, Additional name(s) of conveying party(ies) attached? Yes No Nishihonmachi, Ube-shi, Yamaguchi-ken, Japan; and 2-6, 3-Chome, Bingomachi, Chuo-ku, Osaka-shi, Osaka-fu, Japan, respectively Street Address: Same as Above City: State: ZIP: Additional name(s) & address(es) attached? Yes No 3. Nature of conveyance: ■ Assignment □ Merger ☐ Security Agreement Change of Name □ Other Execution Date: September 9, 1998 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: 9/9/98A. Patent Application No.(s): 1 B. Patent No.(s): Additional numbers attached? | Yes | No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: [ 1 ] concerning document should be mailed: Name: Joerg-Uwe Szipl Internal Address: GRIFFIN, BUTLER, WHISENHUNT & SZIPL, LLP 2300 South Ninth Street, Suite PH-1 Street Address: same as above City: Arlington State: VA ZIP: 22204 7. Total fee (37 CFR 3.41) .....\$ 40.00 Authorized to be charged to deposit account 10/01/1998 GPAYNE 00000022 09159581 8. Deposit account number: 07-2153 FC:581 40.00 OP DO NOT attach duplicate copy of this cover sheet. DO NOT USE THIS SPACE 9. 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. Joerg-Uwe Szipl, Reg. No. 31,799 September 24, 1998 Name of person signing Signature Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

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PATENT

REEL: 9483 FRAME: 0548

## ASSIGNMENT

The undersigned (hereinafter collectively referred to as "ASSIGNOR"), in consideration of the	
sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency	
of which are hereby acknowledged, hereby sells, assigns and transfers to	
1 Johikowajima Harima Heavy Industries CO Itd.	

	1. Ishikawajima-Harima Heavy Industries Co., Ltd.					
	2.	Ube Industries, Ltd.				
	3.	Shikibo, Ltd.				
		(Name of Assignee)				
hereinaf	ter refe	erred to as "ASSIGNEE"), residing at				
10101141		,,,oa to aooo,o				
		(Insert address or principle place of business)				
1. 2.	2-1 <sub>.</sub> 12-	(Insert address or principle place of business)				

the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention (hereinafter "INVENTION") entitled:

METHOD FOR PRODUCTION OF FIBER-BOND TYPE CERAMIC MATERIAL

(T	ype in Title of Invention)	
AND ENGINE PARTS FORMED	THEREOF	
for which Assignor has executed an app	lication for United Stat	es Patent
[v'] on this date (check if assign	ment and application a	re executed on same date)
[ ] on [	] (check if Assignm	nent is executed after application)
[ ] filed on [		
as United States Patent Applicat	tion No. [	]
	•	
(check if Assignment is execute	d after filing of Applica	tion.)

and all applications on the INVENTION, including any and all divisions, continuations, substitutes and reissues thereof, and all resulting patents on the INVENTION;

ASSIGNOR hereby agrees to testify and to execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection of and title in and to the INVENTION hereby transferred; and

ASSIGNOR hereby authorizes Joerg-Uwe Szipl and Griffin, Butler, Whisenhunt & Kurtossy to insert in this ASSIGNMENT any further information necessary or desirable for recordation.

Full Name of the Inventor(s)	Signature	Date Signed	Witness(es)
(Please type) (1) Shouju MASAKI	不成了	Sep.09, '98	M. Hotter
(2) Takemi YAMAMURA	小科成民	Sep.09, '98	M. Hiotla
(3)Tetsurou HIROKAWA	太川提到	Sep.09, '98	M. Hutta
(4) Takeshi TANAMURA	田即村市司	Sep.09, '98	M. Hetta
(5)			
(6)			
(7)			
(8)  [ ] Check if additional pages are	attached.		

**RECORDED: 09/24/1998** 

**PATENT REEL: 9483 FRAME: 0549**