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Form PTO1595 (Rev. 6-93)	07-15-1999		EET			
6-29-99				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		
OMB I.S. 0651-0011. (exp. 4/94)	1010935			ATTORNEY DOCKET NO.: ASAIN0050		
To the Honorable Commissioner of Patents	1010900			suments or copy thereof.		
1. Name of conveying part(ies): Takeshi NAKAMURA, Hiroshige MURATA, and Shoju MASAKI		2. Nar	ne and addre	ess of receiving party:		
		Nar	ne: Ishil Ltd.	kawajima-Harima Heavy Industries Co.,		
		Add		2-chome, Otemachi, Chiyoda-ku, /o, Japan <u>e</u>		
Additional Names(s) of conveying parties attached?	Yes 🛛 No					
3. Nature of conveyance:						
Assignment	Merger					
Security Agreement	Change of Name			· · · · · · · · · · · · · · · · · · ·		
Other		City:		State: ZIP:		
Execution Date: May 28, 1999		Additional Na	ame(s) & Addres	ses attached? 🔲 Yes 🛛 No		
	Additional numbers a	attached?] Yes 🛛) No		
5. Name and address of party 19. whom correst concerning document should be mailed:	6. Total number of applications and patents involved 1					
Name: Joerg-Uwe Szipl		7. Total fe	e (37 CFR 3	.41)\$ 40.00		
Internal Address:Griffin, Butler, Whisen	nunt & Szipl	Enclosed				
2300 Ninth Street, So	Authorized to be charged to deposit account					
Suite PH-1						
Street Address:same as above		8. Dep	osit account	number:		
			07-215	3		
City: <u>Arlington</u> State: <u>VA</u> ZI	P: <u>22204</u>	(Atta	ach duplicate co	py of this page if paying by deposit account)		
	DO NOT USE THIS SPACE					
 Statement and signature. To the best of my knowledge and belief, the forego of the original document. 	ing information is true and	correct and an	y attached cop	by is a true copy		
Joerg-Uwe Szipl, Reg. No. 31,799		\sim		June 29, 1999		
Name of Person Signing To	Sit tal number of pages including	onatule cover sheet, attac	hments, and do	Date		
L						

PATENT REEL: 010085 FRAME: 0792

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

Ishikawaj	ima-Harima Heavy In	dustries Co., Ltd.				
(Name of Assignes) (hereinafter referred to as "ASSIGNEE"), residing at (Insert address or principle place of business)						
						(Insert address or principle place of business)
2-1, 2-chome, Otemachi, Chiyoda-ku, Tokyo, Japan						
the entire right, title and inte the invention (hereinafter "IN		of America as defir	ned in 35 U.S.C. §100, in			
CERAMIC-BA	SED COMPOSITE MEMBE	R AND ITS MANUE	ACTURING METHOD			
	(Type in Title of Invention					
	· · · · · · · · · · · · · · · · · · ·		* <u></u> **			
for which Assignor has execu	uted an application for Un	ited States Patent				
[/] on this date (che	ck if assignment and appl	ication are executed	l on same date)			
] (check if	Assignment is exec	cuted after application)			
() filed on []					
			I			
as United States Patent Application No. []						
(check if Assignment is executed after filing of Application.)						
and all applications on the IN reissues thereof, and all result	ting patents on the INVE	NTION;				
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 INVEN			GNEE 5 full protection of			
ASSIGNOR hereby au insert in this ASSIGNMENT a	thorizes Joerg-Uwe Szipl ny further information nee	and Griffin, Butler, ¹ cessary or desirable	Whisenhunt & Kurtossy to for recordation.			
Full Name of the Inventor(s) (Please type)	Signature	Date Signed	Witness(es)			
(1) Takeshi NAKAMURA	中时武志	May 28,79	M. Isutta			
(2) Hiroshige MURATA	村田松衣、	May 7 7 99	M. Hatt.			
(3) Shoju MASAKI	1.露村	May 28 99				
(4)						
			<u>ى بەترىمىيە مەرىپى مەمەرى مەمەلى كەر مەترىمىيە مەرمە بەرمە مەرمە مەرمە مەرمە مەرمە مەرمە مەرمە مەرمە مەرمە مە</u>			

[] Check if additional pages are attached.

(5) (6) (7) (8)

RECORDED: 06/29/1999