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To the Honorable Commissi	oner of Pal	10151	1100	.ched origina	al documents or copy thereof.			
1. Name of conveying party(ies		Name and address of receiving party(ies)						
Mamoru OMORI Toshio HIRAI	00	Name: Mamoru OMORI						
TOSHIO HIRVII	-	Internal Address:						
Additional name(s) of conveying party(ies) attached? 🗆	Yes 🖫 No						
3. Nature of conveyance:					entario de la constanta de la			
			Street Address: 1-1-42, Takamori, Izumi-					
☐ Security Agreement ☐ Change of Name			ku, Sendai-shi					
☐ Other			City: Miyagi State: Japan ZIP					
Execution Date: October		Additional name(s) & address(es) attached? St Yes ℂ No						
4. Application number(s) or pa	tent number(s)							
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Name and address of party concerning document shoul	spondence	6. Total number of applications and patents involved:						
Name: Bruce L. Ad		7. Total fee (37 CFR 3.41)\$ 40.00						
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Street Address: Adams &	Wilks		8. Deposit	account numb	er:			
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Bruce L. Adams			§ 1.4/1/	7/5	October 27, 200			
Name of Person Signin		ber of pages including	Signatur Signatur	chments, and docu	ment: Date			
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Name:	SEIKO IN	STRUMENT	rs inc.		
Internal Address:					
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Street Address:					
City:	State				

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. Name and address of receiving party(ies)

PATENT REEL: 011214 FRAME: 0503

ASSIGNMENT

WHEREAS, we, Mamoru Omori residing at 1-1-42, Takamori, Izumi-ku, Sendai-shi, Miyagi, Japan and Toshio Hirai residing at 3-4-91, Takamori, Izumi-ku, Sendai-shi, Miyagi, Japan have invented new and useful improvements in <u>CERAMIC COMPOUNDS UNDERGOING MARTENSITIC TRANS</u>-FORMATION AND METHODS FOR PRODUCING THEM, AND HIGHLY-TOUGH COMPOSITE MATERIALS for which we have prepared an application for Letters Patent of the United States of America;

AND WHEREAS, Mamoru Omori residing at 1-1-42, Takamori, Izumi-ku, Sendai-shi, Miyagi, Japan and Seiko Instruments Inc. located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold and transferred and by these presents do hereby assign, sell and transfer unto the said Mamoru Omori and Seiko Instruments Inc. for the territory of the United States of America, our entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by us on March 22, 2000 , filed Sept. 28, 1998, Serial No. 09/162,255, preparatory to obtaining Letters Patent thereon and in and to any and all divisions, reissues and continuations thereof, and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said Mamoru Omori and Seiko Instruments Inc., their legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment, sale and transfer not been made.

> PATENT REEL: 011214 FRAME: 0504

AND, we hereby covenant and agree that we will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and we hereby authorize and request the Honorable Commissioner of Patents and Trademarks to issue the said Letters Patent to the said Mamoru Omori and Seiko Instruments Inc. in accordance with this assignment.

Executed this 3rd o	day of <u>October, 2000</u> , at
Witness:	·
Miwa Nakamura	Mamoru Dmori (L.S.)
	Toshio Hirai
	(L.S.)

RECORDED: 10/30/2000

PATENT REEL: 011214 FRAME: 0505