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FORM PTO-1595				S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademar	10100		reof.	
1. Name of conveying party(ies):	101289	265	ss of receiving party(ies):	
1. Name of conveying party(les).			ER ADVANCED CERAMICS.	INC
IBRAHIM M. MENTESH and CARL R. BAENZIGER 4	M 2: //n			
	_		s: 3395 New Airport Road	· · · · · · · · · · · · · · · · · · ·
OPR/FINA	NCF			
		City. Aubum	State/Country: <u>California</u>	_ZIP <u>95002</u> _
Additional name(s) of conveying party(ies) attached?	Yes ⊠No			
	· ·	Additional name(s) & ad	ldress(es) attached?	□Yes MiNo
3. Nature of conveyance:				
⊠Assignment				
□Security Agreement □Change of Name				
Other	-			
Execution Date: January 17, 2000				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new appli	cation, the executi	on date of the applica	ation is:	
A Patent Application No.(s)	R Da	tent No.(s)		
A. Patent Application No.(s) B. Patent No.(s)				
09/451,989				
Additional Application/Patent Numbers attached? □Yes ⊠No				
Name and address of party to whom correspondence document should be mailed:	concerning		applications and patents	1
Name: BRUCE D. GEORGE				
Address: DANN, DORFMAN, HERRELL AND SKILLMA	N P C		D 0 44)	40.00
1601 Market Street, Suite 720	.,,	7. Total Fee (37 CF)	R 3.41)\$	40.00
Philadelphia, Pennsylvania 19103-2307		□Enclosed		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing document.	information is true	e and correct and any	v attached copy is a true cop	by of the original
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BRUCE D. GEORGE		MAIL	January 19. 2000	
Name of Attorney Signing	Signature of Attor	ney	Date	
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PATENT REEL: 010600 FRAME: 0592

ASSIGNMENT

WHEREAS, IBRAHIM M. MENTESH and CARL R. BAENZIGER, and each one of them, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: CERAMIC COMPONENTS FOR HIGH PRESSURE OIL WELLS described and claimed in an application for Letters Patent of the United States, said invention disclosed in United States Application No. 09/451,989, filed November 30, 1999; and

WHEREAS, CARPENTER ADVANCED CERAMICS, INC., a Corporation organized and existing under and by virtue of the laws of the State of Delaware, and engaged in business at 13395 New Airport Road, Auburn, California 95602, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention, and in and to any and all Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, it successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

> Date Signature

Jan 17-2000 Jan 17, 2000

PATENT REEL: 010600 FRAME: 0593

STATE OF CALIFORNIA

COUNTY OF PLACER

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 17th of , 2000, personally appeared **IBRAHIM M. MENTESH** and **CARL R. BAENZIGER**, to me known to be the persons described in and who executed the foregoing instrument and who acknowledged that they executed the same as their free act and deed and desired the same to be recorded as such.



RECORDED: 01/24/2000

Matalee O'Malley
Notary Public

PATENT REEL: 010600 FRAME: 0594