	10-02-2002	U.S. Department of Commerce
FORM PTO-1619A Expires 06:50:90 ONB 0551-0027		Patent and Trademark Office PATENT
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Name (line 1) Wolfram Holler		09 05 00
Name (line 2)		
Second Party		Execution Date Month Day Year
Name (line 1) Rudolf Herrmann Gr	onebaum	09 12 00
Name (line 2)		
Receiving Party	Mark if additiona	Il names of receiving parties attached
Name (line 1) Didier-Werke AG		If document to be record is an assignment and th
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1) Abraham-Lincoln-Str	asse 1	of a domestic representative is attache
Address (line 2)		(Designation must be a separate document from Assignment.)
Address (line 3) 65189 Wiesbaden	GERMANY	Zip Code
Domestic Representative Name a	nd Address Enter for the first Rec	
Name Craig G. Cochenour	c	
Address (line 1) Buchanan Ingersol	l, P.C.	
Address (line 2) One Oxford Centre		
Address (line 3) 301 Grant Street,	20th Floor	
Address (line 4) Pittsburgh, PA 1	5219	
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PATENT REEL: 013351 FRAME: 0663

FORM PTO-1619B Expires 06/30/99 CMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address Area Co	de and Telephone Number 412-	-562-3978	
Name Craig G. Cochenour			
Address (line 1) Buchanan Ingersoll, P.C.			
Address (line 2) 301 Grant Street, 20th Floor			
Address (line 3) Pittsburgh, PA 15219			
Address (line 4)			
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Application Number(s) or Patent Number(s)		nal numbers attached	
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If this document is being filed together with a <u>new</u> Patent Application signed by the first named executing inventor.	on, enter the date the patent application was	s Month Day Year	
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Fee Amount Fee Amount for Prope	rties Listed (37 CFR 3.41): \$ 4	0.00	
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(Enter for payment by deposit account or if additional fees	can be charged to the account.)	2-4553	
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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. Charges to deposit account are authorized, as indicated herein.			
Craig G. Cochenour (rang	b. Jepenson	9-24-202	
Name of Person Signing	Signature	Date	

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Conveying P	Mark if additional names of conveying parties attached	
Enter additional	Conveying Parties	Execution Date Month Day Year
Name (line 1)	Horst Geber	10 09 00
Name (line 2)		Execution Date
Name (line 1)	Steve Lee	Month Day Year 09 18 00
Name (line 2)		
		Execution Date Month Day Year
Name (line 1)	Erich Galle	10 16 00
Name (line 2)		
Receiving Pa	arty(ies) Mark if additional names of receiving part	ies attached
-	Receiving Party(ies)	
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation
		must be a separate document from
Address (line 2)		Assignment.)
Address (line 3)	City State/Country Zip Co	ode
Name (line 1)		If document to be recorded
Native (line i)		is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a
Address (line 1)		domestic representative is attached. (Designation must
		be a separate document from Assignment.)
Address (line 2)		
Address (line 3)		Cada
Application	City State/Country Zip Number(s) or Patent Number(s) Mark if additional numbers attached	<u>Code</u>
	are Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the	
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PATENT REEL: 013351 FRAME: 0665

FORM PTO-161 Expires 06/30/99 OMB 0651-0027	PC RECORDATION FORM COVER SHEET	S. Department of Commerce atent and Trademark Office PATENT
Conveying Part	Mark in auditional names of conveying parties acached	Execution Date Month Day Year
Name (line 1) Vol	kan Haneti	11 27 00
Name (line 2)		
	-1 0-:	Execution Date Month Day Year
	iel Grimm	09 18 00
Name (line 2)		Execution Date
Name (line 1) Th	omas Schmid	Month Day Year 09 19 00
Name (line 2)		
Receiving Part	y(ies) Mark if additional names of receiving parti	es attached
Enter additional Red		
Name (line 1)		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached. (Designation
		must be a separate document from Assignment.)
Address (line 2)		
Address (line 3)	City State/Country Zip Co	de
Name (line 1)		If document to be recorded
		Is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a
Address (line 1)		domestic representative is attached. (Designation must be a separate document from
Address (line 2)		Assignment)
Address (line 3)		
	City State/Country Zip mber(s) or Patent Number(s) Mark if additional numbers attached	Code
	atent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the s	ame property).
Pate	nt Application Number(s) Patent Num	ber(s)
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PATENT REEL: 013351 FRAME: 0666

ASSIGNMENT AND AGREEMENT

For value received, V/we, Wolfram Holler, Rudolf Herrmann Gronebaum,

Horst Geber, Steve Lee, Erich Galle, Volkan Haneti, Daniel Grimm, and Thomas Schmid residing at Schwalbacherstrasse 86, 65343 Eltville, Germany; Wilhelm-Busch-Weg 23, 38259 Salzgitter-Bad, Germany; Im Blatterweg 20, 55435 Gau-Algesheim, Germany; 6, River View Cres., Cardross, Schottland, Great Britain; Waldstrasse 24, 65599 Dornburg 2, Germany; Potsdamer Weg 18, 65451 Kelsterbach, Germany; Reitallee 18, 65307 Bad Schwalbach, Germany; and, Rheinstrasse 5, 65346 Eltville, Germany, respectively, hereby sell, assign and transfer to (company name) Didier-Werke AG (hereinafter the "assignee"), having offices at (company address) Abraham-Lincoln-Strasse 1, 65189 Wiesbaden, Germany , and it successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions relating to (patent/application title) <u>CERAMIC COMPOSITE</u>

described in an application for Letters Patent of the United States, executed by **XXX** us on even date herewith, and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Letters Patents which may be granted therefor, under any and all extensions, divisions, reissues and continuations of said Letters Patents; and which said application for Letters Patent claim priority to (patent/application serial number(s) and filing date(s)) <u>PCT/DE99/00627</u>, filed March 3,

1999, German Patent Application No. 19819905.8, filed May 5, 1998, and German Patent Application No. 29823385.1, filed December 10, 1998 www.erequest that any and all United States of America patents for said inventions be

issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate, to the full end of the term for which said patent may be granted, as fully and entirely as the same would have been held by **max** us had this assignment and sale not been made.

MXWe agree that, when requested, **X**We will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable

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or convenient for securing and maintaining patents for said inventions in the United States of America and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

XXWe covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that **XX** we have full right to convey the same as herein expressed.

XXWe hereby authorize and request Craig G. Cochenour, attorney for said (company name)_________, to insert here in parentheses (U.S. Patent Application Number _______09/704,883 ______, filed _____1/02/2000) the filing date and application number of said United States of America patent application when known.

Signed at _____Eltville, Germany______

On this <u>5th</u> day of <u>September</u>, 2000.

First/Sole Inventor's Signature: Inventor's Typed Name:

Wolfram Höller

Signed a	t <u>Salzgitter</u>	-Bad, Germany	
On this	12th day of	September	, 20 0 0 .

Second Inventor's Signature: _____ Inventor's Typed Name:

+302509

Flermann Pridop

Rudolf Herrmann Gronebaum

Signed at <u>Gau-Algesheim</u> , Germany	
On this <u>9th</u> day of <u>October</u>	, 20 <u>00</u> .
Third Inventor's Signature: Inventor's Typed Name: Horst Geber	Sell -
Signed at CLIDEBANK SCOTLAND	
Signed at <u>CLIDEBANK</u> SCOTLAND On this <u>18</u> day of <u>SEPTEMBER</u>	, 20 <u>5</u> e
Fourth Inventor's Signature:	- <u></u>
Signed at <u>Dornburg, Germany</u>	
On this <u>16th</u> day of <u>October</u>	, 20 <u>00</u>
Fifth Inventor's Signature: <u>GCC</u> for Inventor's Typed Name: Erich Galle Signed at Kelsterbach, Germany	Ele
	20.00
On this <u>27th</u> day of <u>November</u>	, 20 <u>00</u> .
Sixth Inventor's Signature: <u>Volkan Haneh</u> Inventor's Typed Name: Volkan Haneti	- []]

Signed at	Bad Schwalbach, Ge	rmany	<u></u>
On this	day of	18 9	
		Q	MANIA
Seventh	n Inventor`s Sign	ature 🥂 -	10000000
Invento	or`s Typed Name:	Danie	/ el Grimm

Sig	med at	Eltville, German	ly	<u></u>
On	this	day of	19.9.	, 20 <i>0</i> 0

Eighth Inventor's Signature The Solid

Inventor's Typed Name

Thomas Schmid