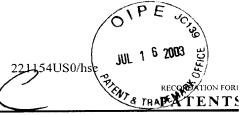
Atty Docket No.:

FORM PTO-1595 1-31-92



07-23-2003



PARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): CREAVIS GESELLSCHAFT FUER Johannes AVERDUNG, Andreas GREINER, Joachim H. Name: TECHNOLOGIE UND INNOVATION mbH WENDORFF, Haoquing HOU, Michael BOGNITZKI and JUN **ZENG** Paul-Baumann-Strasse 1, 45772 Marl, Address: **GERMANY** Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: □ Merger □ Assignment □ Change of Name □ Security Agreement ■ Other: Record to Correct Assignor # 6's name and Assignee's name on an Assignment previously recorded on 013698/0040. Reel/Frame Additional name(s) and address(es) attached? □Yes ■No January 06, 2003 Execution Date: 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: B. Patent No.(s) A. Patent Application No.(s) 10/113,292 Additional numbers attached? □Yes ■No 6. Total applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): ■ Enclosed ☐ Authorized to be charged to deposit account 15-0030 8. Deposit account number: Tel. (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 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. Norman F. Oblon Signature Name of Person Signing Roland E. Martin Registration Number: 24,618 Registration No. 48,082 Total number of pages including this cover sheet: 6 07/22/2003 LIMELLER 00000176 10113292 01 FC:8021 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patents and Trademark Office

Mail Stop Assignment Recordation Services Alexandria, Virginia 22313

PATENT

REEL: 014291 FRAME: 0325

	O E VOTO			
Atty Docket No.: 221154US0/vdm FORM PTO-1595 1-31-92 0 1 - 30 2003	JAN 2 4 DUCS U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
To the Honorable Commiss	rd the attached original documents or copy thereof.			
1. Name of conveying party 102355085	Name and address of receiving party(ies):			
Johannes AVERDUNG, Andreas GREINER, Joachim H. WENDORFF, Haoquing HOU, Michael BOGNITZKI and Jung ZENG	Name: CREAVIS Gesellschaft fuer Technologie und Innovation mbH			
Additional name(s) of conveying party(ies) attached? □Yes ■No	Address: Paul-Baumann-Strasse 1, 45772 Marl, GERMANY			
3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	1-24-03			
Execution Date: January 6, 2003	Additional name(s) and address(es) attached? □Yes ■No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the	• •			
A. Patent Application No.(s) 10/113,292	B. Patent No.(s)			
Additional numbers atta	ched? □Yes ■No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1			
22850	\$40.00 7. Total fee (37 CFR 3.41): Enclosed Authorized to be charged to deposit account			
Tel. (703) 413-3000 Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE TH	HS SPACE			
9. Statement and signature To the best of my knowledge and belief, the foregoing information	on is true and correct and any attached copy is a true copy			
of the original document.	1 1			
Norman F. Oblon Marh m	1/24/03			
5 5	ignature / Date			
Registration Number: 24,618 Stefan Koschmieder Registration No. 50,238 Total number of pages including this cover sheet: 9,238				
Do not detach this portion				
Mail documents to be recorded with required cover sheet informati				
Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 FC: 8021 A0. 00 OP				

PATENT REEL: 014291 FRAME: 0326 221154US0

Assignment of Application

NSERT NAMES	WHEREAS, I (WE) Dr. Johannes AVERDUNG		
AND RESIDENCE ADDRESS OF	Albertstrasse 31, 45894 Gelsenkirchen, GERMANY		
THE INVENTORS	Prof. Dr. Andreas GREINER		
	Stockwiesenweg 9, 35287 Amoeneburg, GERMANY		
	Prof. Dr. Joachim H. WENDORFF		
	Buchenrotsweg 21, D-35043 Marburg, GERMANY		
	Dr. Haoquing HOU		
	Hansenhaeuser Weg 11, D-35039 Marburg, GERMANY		
	Dr. Michael BOGNITZKI		
	Sudetenstrasse 51, D-35039 Marburg, GERMANY		
	Jun ZENG		
	Hansenhaeuserweg 11, D-35039 Marburg, GERMANY		
		, respectively,	
NSERT TITLE OF	have invented certain new and useful improvements in:		
	METHOD FOR MAKING SHAPED STRUCTURES WITH INTERNALLY COATED CAVITIES		
INSERT DATE INVENTORS SIGNED DECLARATION:	For which an application for Letters Patent was executed on		
DECLARATION:	(Application No. 10/113,292 , filed April 2, 2002), and	
	WHEREAS, CREAVIS Gesellschaft fuer Technologie und Innovation mbH		

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having places of business at: <u>Paul-Baumann-Strasse 1, 45772 Marl, GERMANY</u> is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	. 0 6 . Jan. 2903	Je8c	- 3 Ave
		(Signature of Inventor)	Dr. Johannes AVERDUNG
Date:	06. Jan. 2003		
	•	(Signature of Inventor)	Prof Dr. Andreas GREINER
Date:	(06, Jan. 2003		
		(Signature of Inventor)	Prof. Dr. Joachim WENDORFF
Date:	Desire 1990		(Solf of Has
		(Signature of Inventor)	Dr. Haoquing HOU
Date:	DR lan 2005		Deep
		(Signature of Inventor)	Dr. Mighael BOGNITZKI
Date:	NS lan 2 25		Englin
		(Signature of Inventor)	Jun ZENG

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 07/16/2003

PATENT REEL: 014291 FRAME: 0328