FORM PTO-1595 1-31-92



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office To the Honorable Commissioner of Patents ______102269324 10-28-02 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Dr. Juergen MEYER Name: **DEGUSSA AG** Dr. Peter NEUGEBAUER Address: Martin STEIGERWALD Benningsenplatz 1, DE-40474 Duesseldorf, GERMANY Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: Assignment □ Merger ☐ Security Agreement □ Change of Name □ Other June 7, 2002 and June 11, 2002 Execution Date: 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 execution date of the application is: June 7, 2002 and June 11, 2002 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 22850 (Attach duplicate copy 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 foregoing information is true and correct and any attached copy is a true copy of the original document. August 6, 2002 James J. Kelly, Ph.D. Date Signature Name of Person Signing 41,504 Registration Number: Total number of pages including this cover sheet: Do not detach this portion

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The PTO die not receive the following birt a few CHESK HOLOG

PATENT REEL: 013432 FRAME: 0719

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Dr. Juergen MEYER		
ERT NAMES DRESIDENCE PRESS OF INVENTORS		Dr. Peter NEUGEBAUER		
		Martin STEIGERWALD		
		the above-listed inventors are at the following addresses:		
	Grossostheimer Strasse 51, DE-63811 Stockstadt, GERMANY			
	Landgrafenstrasse 22, DE-63071 Offenbach, GERMANY			
		Gartenstrasse 24a, DE-63831 Wiesen, GERMANY		
		, res	pectively,	
RT TITLE NVENTION	have invented certain no	ew and useful improvements in: GRANULES BASED ON PYROGENICALLY		
	PRODUCED ALUMINUM OXIDE, PROCESS FOR THE PRODUCTION THEREOF AND USE THEREOF			
ERT DATE IN- TORS SIGNED LARATION: ERT NAME ADDRESS OF IPANY OR ERR ASSIGNEE	for which an application	n for Letters Patent was executed on		
	(Application No.	, filed), and	
	WHEREAS, DE	GUSSA AG		
	(hereinafter referred to	as "ASSIGNEE") having a place of business at: Benningsenplatz 1, DE-40474		
	Duesseldorf, GERMA	NY		

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.

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PATENT REEL: 013432 FRAME: 0720 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: 06/11/02	(Signature of Inventor) Dr. Justien MAP ED
Date: 06/07/02	(Signature of Inventor) Dr. Juergen MEYER (Signature of Inventor) Dr. Peter NEUGEBAUER
Date: 06/07/02	(Signature of Inventor) Martin TEIGERWALD
Date:	(Signature of Inventor)

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

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RECORDED: 08/06/2002

PATENT REEL: 013432 FRAME: 0721