Form PTO-1595

Washington, D.C. 20231



Attorney Docket No. Metal 1301-WCG 2 2001 0006 US / A 8055

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RECORDATION FORM COVER SHEET

PATENTS ONLY Hon. Assistant Commissioner for Patents

Box	Assignment				
1. <u>s</u>	Submission Type 1-21-03	?			
	[X] New	[] Resubmission (Non-Recordation) Document ID #			
	[] Correction of PTO Error Reel # Frame #	[] Corrective Document Reel # Frame #			
2.	Name of Conveying Party(ies):	3. Name and Address of Receiving Party(ies):			
	Thomas Gutermuth Helmuth Domes	Lurgi AG Lurgiallee 5, D-60295 Frankfurt am Main Germany			
	Additional name(s) of conveying party(ies) attached?	Additional name(s) & addresses attached?			
	[] Yes [X] No	[] Yes [X] No			
4.	Nature of Conveyance:	0,34839/			
	[X] Assignment [] Merger	,			
[] Security Agreement [] Change of Name [] Other Execution Dates: November 25, 2002; November 27, 2002					
				5.	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: November 25, 2002				
A. Patent Application No.(s) B. Patent No.(s)					
	Additional numbers attached	1? [] Yes [X] No			
6.	6. Name and address of party to whom correspondence concerning document should be mai				
1	William C. Gerstenzang NORRIS McLAUGHLIN & MARCUS 220 East 42 nd Street - 30 th Floor New York, New York 10017				
01/28/2003 GTOM1	(212) 808 0700				
01 FC:8021	40.00 CH				

PATENT REEL: 013692 FRAME: 0763

7.	Total number of applications ar	nd patents involved: 1				
8.	Total Fee (37 CFR 3.41)	\$ <u>40.00</u>				
	[] Enclosed	[X] Authorized to be Charged to I	Deposit Account			
9.	Deposit Account Number: 14-1263					
	DO NOT USE THIS SPACE					
10.	William C. Gerstenzang Name of Person Signing Reg. No.: 27,552	nd belief, the foregoing information is true the original document. Signature ADDITIONAL FEE	1/21/03 Date			
	Please charge any insufficiency of fees, or credit any excess, to our Deposit Account No. 14-1263.					
	220 East 42 nd Street 30 th Floor New York, New York 10017 (212) 808-0700					

ASSIGNMENT

In consideration of One Dollar (\$1.00) in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned [hereinafter (collectively) named "Assignor"] hereby assigns and transfers to

Lurgi AG Lurgiallee 5, D-60295 Frankfurt am Main Germany

, a <u>German</u> corporation (hereinafter named "Assignee"), its successors, legal representatives and assigns, the entire right, title and interest in and to Assignor's application for Letters Patent of the United States, executed concurrently herewith, entitled

COLUMN FOR CONCENTRATING PHTHALIC ANHYDRIDE

and to Assignor's entire right, title and interest in any and all inventions, whether joint or sole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof.

The Assignor hereby authorizes and requests the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.

For said consideration, the Assignor hereby agrees upon the request of said Assignee, its successors, legal representatives or assigns, to execute any and all United States divisional, continuation and renewal applications for said invention, and any and all necessary oaths, supplemental oaths or declarations or supplemental declarations or affidavits relating thereto, and any application for the reissue or extension of any United States Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient.

For the said consideration the Assignor further agrees upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the Assignor with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof, the Assignor hereby agreeing to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the same would have been held and enjoyed by the assignor if this assignment and sale had not been made.

PATENT REEL: 013692 FRAME: 0765 Assignor hereby binds himself, his heirs, legal representatives, administrators, and assigns properly to execute without further consideration, any and all applications, petitions, oaths, assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment and transfer hereby made, or intended or agreed to be made.

And for said considerations, the Assignor hereby assigns to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agrees upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required of the Assignor to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns.

Signature: _	The futer muth	Date:_	27.11.2002
	Thomas Gytermuth		
Signature: _	Helmuth Domes	Date:_	25.11.2002
	Helmuth Domes		
Signature: _		Date:_	
Signature:		Date:	

RECORDED: 01/21/2003

PATENT REEL: 013692 FRAME: 0766