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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): William HIMES and Guerry L. GRUNE Name: MITSUBISHI CHEMICAL AMERICA, INC. Address: 401 Volvo Parkway Chesapeake, Virginia 23320 Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: May 28, 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 execution date of the application is: May 28, 2003 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: 1 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 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 thue and correct and any attached copy is a true copy of the original document. Signat Date Registration Number: 40,749 Total number of pages including this cover sheet: 3 06/02/2003 RHARISI 00000032 10448075 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

**PATENT** 

REEL: 014127 FRAME: 0774

## **Assignment of Application**

s	WHEREAS, I (WE)	William HIM	IES, Suffolk, Virgini	a			
CE RS: -		Guerry L. Gr	une, Virginia Beach,				
RS: -							
- - - - - -							
		***************************************					
			<u> </u>	···.			
							respectively
-							, respectively
OF	have invented certa	in new and use	eful improvements ir	: COUPLING	ARRANGEMI	ENT INCLUDING	G DRUM AND
	FLANGE	******					
	For which an application for Letters Patent was executed on						
NED							
	(Application No			, filed			), and
	WHEREAS, MITSUBISHI CHEMICAL AMERICA, INC.						
DP	(hereinafter referred to as "ASSIGNEE") having places of business at: 401 Volvo Parkway, Chesapeake, Virginia						
EE	therematic referred to as Assistance flaving places of business at. 401 volvo lataway, chesapeane, vinguina						

USA 23320 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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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 1940 Duke Street, Alexandria, Virginia 22314 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: _	5/28/03	William O. Himis
		(Signature of Inventor) William Himes
Date:	5/28/03	(Signature of Inventor) Guerry L. Grune
Date:		
		(Signature of Inventor)
Date: _		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)

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

ATTORNEYS AT LAW 1940 DUKE STREET **ALEXANDRIA, VIRGINIA 22314** 

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RECORDED: 05/30/2003