To the Assistant Commissioner for . 1. Name of conveying party(ies): 1. Ning Chen 2. Richard Van Court Carr 3. Mark Leo Listemann 4. Richard Paul Underwood Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: 2. Assignment 3. Security Agreement 4. Change of Name 5. Other 6. Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the each Patent Application No.(s)	.he attached original documents or copy feet 2. Name and address of receiving party(ies): Name: Air Products and Chemical Internal Address: Patent Department Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached?
1. Name of conveying party(ies): 1) Ning Chen 2) Richard Van Court Carr 3) Mark Leo Listemann 4) Richard Paul Underwood Additional name(s) of conveying party(ies) attached? □Yes ☒No 3. Nature of Conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	2. Name and address of receiving party(ies): Name: Air Products and Chemicals Internal Address: Patent Department Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached? Yes No execution date of the application is: 24, 25, 26 March 1999
1) Ning Chen 2) Richard Van Court Carr 3) Mark Leo Listemann 4) Richard Paul Underwood Additional name(s) of conveying party(ies) attached? □Yes ☒No 3. Nature of Conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other ☐ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	Name: Air Products and Chemicals Internal Address: Patent Department Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached? Yes No execution date of the application is: 24, 25, 26 March 1999
2) Richard Van Court Carr 3) Mark Leo Listemann 4) Richard Paul Underwood Additional name(s) of conveying party(ies) attached? □Yes ☒No 3. Nature of Conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other ☐ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	Internal Address: Patent Department Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached? □ Yes ☑ No
3) Mark Leo Listemann 4) Richard Paul Underwood Additional name(s) of conveying party(ies) attached? □Yes ☑No 3. Nature of Conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	Internal Address: Patent Department Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached? □ Yes ☒ No
4) Richard Paul Underwood Additional name(s) of conveying party(ies) attached? □Yes ☑No 3. Nature of Conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	Street Address: 7201 Hamilton Boulevard City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached?
3. Nature of Conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	City Allentown State PA ZIP 18195-1501 Additional name(s) & address(es) attached? Yes No xecution date of the application is: 24, 25, 26 March 1999
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	Additional name(s) & address(es) attached? Yes No xecution date of the application is: 24, 25, 26 March 1999
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	xecution date of the application is: 24, 25, 26 March 1999
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: 1) 25 Mar 1999; 2) 25 Mar 1999; 3) 26 Mar 1999; 4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	
4) 25 Mar 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the e	
If this document is being filed together with a new application, the e	
-	
A. Patent Application No.(s)	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gabriele C. Whittier Legal Assistant	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 □ Enclosed □ Authorized to be charged to deposit account
Internal Address: Patent Department (122PUSO5701)	
Street Address: 7201 Hamilton Boulevard	8. Deposit account number: 01-0493
City Allentown State PA ZIP 18195-1501	
DO NOT USE '	THIS SPACE
9. Statement of signature.	
copy of the original document.	ormation is true and correct and any attached copy is a true
Mary E. Bongiorno, Reg. No. 36,091	ature Date
Name, Reg. No. of Person Signing Sign	ature Date Total number of pages comprising cover sheet: 1
OMB No. 0651-0011	Total fidinger of pages comprising cover sheet.
Do not detach	this portion
	•
Mail documents to be recorded with required cover sheet information to	

Box Assignments Washington, D.C. 20231

vkm / \\HOME5\LAW\VKM\MEBPATENT\PTAS5701.DOC

40.00 CH

PATENT REEL: 9884 FRAME: 0603

ASSIGNMENT

For value received, we, Ning Chen, Richard Van Court Carr, Mark Leo Listemann, Richard Paul Underwood, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

Amido Functional Amine Catalysts for the Production of Polyurethanes

described in our application for Letters Patent of the United States (identified by Docket No. 122PUSO5701) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS, INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said AIR PRODUCTS AND CHEMICALS, INC., its successors and assigns, the rights conveyed as herein set forth.

Ning-Cheri	_(L.S.)	Richard Van Court Carr	(L .S.)
Noceh 24, 1999 Date	_	March 25 1777 Date	<u>_</u>
Mark Leo Listemann	_(L.S.)	Richard Paul Underwood	(L.S.)
26 March 1999 Date		Mun 25, 1999 Date	

vkm / \\HOME5\LAW\VKM\MEBPATENT\ASGN5701.DOC

RECORDED: 03/26/1999

PATENT REEL: 9884 FRAME: 0604