PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------------------|----------------|
| Juan Jesus Burdeniuc | 11/05/2012 |
| Jennifer Elizabeth Antoline Al-Rashid | 11/09/2012 |
| Andrew Wilson Wang | 10/15/2012 |
| Diana Sue Dunn | 10/17/2012 |
| You-Moon Jeon | 10/24/2012 |
| Jane Garrett Kniss | 10/15/2012 |
| Stephan Hermann Wendel | 11/05/2012 |

RECEIVING PARTY DATA

| Name: | Air Products and Chemicals, Inc. | |
|-------------------|----------------------------------|--|
| Street Address: | 7201 Hamilton Blvd. | |
| Internal Address: | Patent Dept. | |
| City: | Allentown | |
| State/Country: | PENNSYLVANIA | |
| Postal Code: | 18195-1501 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13633423 |

CORRESPONDENCE DATA

Fax Number: 6104817083

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 610-481-8761

Email: borstra@airproducts.com

Correspondent Name: Ruth Ann Borst
Address Line 1: 7201 Hamilton Blvd.

Address Line 2: Patent Dept.

Address Line 4: Allentown, PENNSYLVANIA 18195-1501

PATENT

REEL: 029373 FRAME: 0591

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| ATTORNEY DOCKET NUMBER: | 07561ZP USA | | |
|--|--|--|--|
| NAME OF SUBMITTER: | Michael K. Boyer | | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | | |
| Total Attachments: 2 source=07561ZP-USA-Assignment#page1.tif source=07561ZP-USA-Assignment#page2.tif | | | |

PATENT REEL: 029373 FRAME: 0592

PATENT

REEL: 029373 FRAME: 0593

ASSIGNMENT

For value received, we, Juan Jesus Burdeniuc, Jennifer Elizabeth Antoline Al-Rashid, Andrew Wilson Wang, Diana Sue Dunn, You-Moon Jeon, Jane Garrett Kniss, Stephan Hermann Wendel, 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

Tertiary Amine Composition and Method for Making the Composition

described in our application for Letters Patent of the United States (identified by Docket No. 07561ZP USA) 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.

I believe I am the original inventor or an original joint inventor of a claimed invention in the

I hereby acknowledge that any willful false statement made in this declaration is punishable

The above-identified application was made or authorized to be made by me.

And we hereby declare that

Date

application.

under 18 U.S.C. 1001 by fine of imprisonment of not more than five (5) years, or both.

| Color | Colo

ASSIGNMENT

For value received, we, Juan Jesus Burdeniuc, Jennifer Elizabeth Antoline Al-Rashid, Andrew Wilson Wang, Diana Sue Dunn, You-Moon Jeon, Jane Garrett Kniss, Stephan Hermann Wendel, 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

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And we hereby declare that

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

| Juan Jesus Burdeniuc (L.S | | Jennifer Elizabeth Antoline Al-Rashid | _(L.S.) |
|---|----|---------------------------------------|----------|
| Date | - | Date | - |
| (L.S Andrew Wilson Wang | | Diana Sue Dunn | _(L.S.) |
| Date | - | Date | - |
| You-Moon Jeon (L.S | | Jane Garrett Kniss | (L.S.) |
| Date | - | Date | • |
| Typhyn Womenn Mille(L.S Stephan Hermann Wendel | .) | | |
| November 5, 2012 | | | |

PATENT REEL: 029373 FRAME: 0594

RECORDED: 11/29/2012