FORM PTO-1595 (Modified) WCD 1-24 (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 Lengt/Star

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05-30-2000

Docket No.: AM-7081

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Honorable Commissioner of Patents ε	101368729	ned original documents or copy thereof.
Name of conveying party(ies): Dustin H. Thomas		s of receiving party(ies):
Douglas H. Krzystowczyk Luc G. Six	Name: ALBEMAI	RLE CORPORATION
	Address: 330 Sout	th Fourth Street
Additional names(s) of conveying party(ies)	3 No	
3. Nature of conveyance:		
★ Assignment		
☐ Security Agreement ☐ Change of N	ame City: Richmond	State/Prov.: VA
☐ Other	Country: USA	ZIP: 23219
Execution Date: April 16, April 15, and April 30, 1999	Additional name(s) & add	iress(es) □ Yes ⊠ No
 Application number(s) or registration numbers(s): If this document is being filed together with a new application No. Filing date 09/162,956 	oplication, the execution date of t	
If this document is being filed together with a new apparent Application No. Filing date	B. Patent No.	• • • • • • • • • • • • • • • • • • • •
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If this document is being filed together with a new a Patent Application No. Filing date 09/162,956 Additional	B. Patent No.	• • • • • • • • • • • • • • • • • • • •
If this document is being filed together with a new a Patent Application No. Filing date 09/162,956 Additional	B. Patent No.	plications and patents involved:
If this document is being filed together with a new a Patent Application No. Filing date 09/162,956 Additional Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No. I numbers Yes No. 6. Total number of ap 7. Total fee (37 CFR)	plications and patents involved:
If this document is being filed together with a new at Patent Application No. Filing date 09/162,956 Additional Name and address of party to whom correspondence concerning document should be mailed: Name: PHILIP M. PIPPENGER	B. Patent No. Yes 🖾 No. 6. Total number of ap 7. Total fee (37 CFR	plications and patents involved: 1 3.41):\$ 40.00
If this document is being filed together with a new a Patent Application No. Filing date 09/162,956 Additional Name and address of party to whom correspondent concerning document should be mailed: Name: PHILIP M. PIPPENGER Registration No. 25,525	B. Patent No. Se G. Total number of ap 7. Total fee (37 CFR) Enclosed - Any credited or deb	plications and patents involved: 1 3.41):\$ 40.00 v excess or insufficiency should be
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If this document is being filed together with a new a Patent Application No. Filing date 09/162,956 Additiona Name and address of party to whom correspondent concerning document should be mailed: Name: PHILIP M. PIPPENGER Registration No. 25,525 Address: Albemarle Corporation Patent & Trademark Division	B. Patent No. Yes No. 6. Total number of ap 7. Total fee (37 CFR Enclosed - Any credited or deb Authorized to b 8. Deposit account no.	plications and patents involved: 3.41):\$ 40.00 y excess or insufficiency should be bited to deposit account be charged to deposit account umber:
Patent Application No. Filing date 09/162,956 Additiona 5. Name and address of party to whom correspondent concerning document should be mailed: Name: PHILIP M. PIPPENGER Registration No. 25,525 Address: Albemarle Corporation Patent & Trademark Division 451 Florida Street	B. Patent No. I numbers Yes No. 6. Total number of ap 7. Total fee (37 CFR Enclosed - Any credited or deb Authorized to b 8. Deposit account nu. 01-0659 (Order No.	plications and patents involved: 1 3.41):\$ 40.00 y excess or insufficiency should be bited to deposit account be charged to deposit account umber:

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.

Edgar E. Spielman, Jr.

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

PATENT

Docket No.: AM-7081 FGRM PTO-1595 (Modified) SHEET U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1996-97 LegalStar POBA/REV02 Tab settings - -To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): **Dustin H. Thomas** Douglas H. Krzystowczyk Name: ALBEMARLE CORPORATION Luc G. Six Address: ☐ Yes 🏻 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ★ Assignment ☐ Merger City: Richmond ☐ Security Agreement ☐ Change of Name ☐ Other Country: ____ Execution Date: April 15,; April 16,; April 30, 1999 ⊠ No Additional name(s) & address(es) ☐ Yes 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Filing date Patent Application No. B. Patent No.(s) 09/162,956 Additional numbers ☐ Yes 🏻 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: PHILIP M. PIPPENGER 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Authorized to be charged to deposit account 8. Deposit account number: City: Baton Rouge State/Prov.: LA 01-0659 (Order No. 00-014) ZIP: 70801-1765 Country: _ 03/03/2000 DNGUYEN 00000289 010659 09162956 DO NOT USE THIS SPACE 01 FC:581 40.00 CH 9. 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. Edgar E. Spielman, Jr. Name of Person Signing Signature Total number of pages including cover sheet, attachments, and

REEL: 010809 FRAME: 0845

ASSIGNMENT

Serial No. 09/162,956 Filed: September 29, 1998 ase No.: AM-7081

We, <u>DUSTIN H. THOMAS</u>, a citizen of the United States of America, residing in the Parish of East Baton Rouge, <u>State of Louisiana</u>, at 6030 Huckleberry Court, Baton Rouge, <u>Louisiana 70817</u>; <u>DOUGLAS H. KRZYSTOWCZYK</u>, a citizen of the United States of America, residing in the County of Orangeburg, State of South Carolina, at 171 St. <u>Julien Place</u>, <u>Orangeburg</u>, <u>South Carolina 29118</u>; and <u>LUC G. SIX</u>, a citizen of the Country of Belgium, residing at <u>Rerum Novarumlaan 17</u>, <u>B-2110 Wijnegem</u>, <u>Belgium</u>, have made at least one invention, improvement or discovery described in the patent application having the above designated case number, entitled

PROCESS FOR PRODUCING AMINE OXIDES

and for which invention, improvement or discovery we have filed application for Letters Patent of the United States of America.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we hereby transfer, set over and assign to

ALBEMARLE CORPORATION

a Virginia Corporation, having a place of business at Baton Rouge, Louisiana, its successors and assigns, our entire right, title and interest in, to and under said application for Letters Patent and all inventions, improvements and discoveries, whether joint or sole, disclosed therein, and the resultant patent or patents thereon and any renewals, reissues, extensions, substitutions, continuations, or divisions thereof, including all priority rights arising in other countries from said application and all foreign rights in and to said inventions, improvements and discoveries.

We further agree to execute such further papers, and perform such other proper acts as said Corporation may deem necessary to secure to said Corporation the rights herein conveyed; and we hereby authorize the insertion into this Assignment of the serial number and filing date of said application.

Inventor:	Dustin H. Thomas
	DUSTIN H. THOMAS
Inventor: 2	Doenslas H. Krydowegla- DOUGLAS H. KRZYSTOWCZYK
**	DOUGLAS H. KKZYSTOWCZYK
Inventor:	
_	LUC G. SIX

STATE of LOUISIANA
PARISH OF EAST BATON ROUGE

On this <u>lie</u> day of <u>APRIL</u>, 1999, personally appeared before me, Dustin H. Thomas, to me known to be the person named in and who executed the above instrument in my presence, and who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.

(Notarial Seal)

Notary Public

STATE of SOUTH CAROLINA COUNTY OF ORANGEBURG				
On this // day of Opril, 1999, person to me known to be the person named in and who executed the same of his own free was acknowledged that he executed the same of his own free was acknowledged.				
(Notarial Seal)	Sadie B. Fadgett Notary Public			
COUNTRY OF BELGIUM STATE OF				
On this day of, 1999, personally appeared before me, Luc G. Six, to me known to be the person named in and who executed the above instrument in my presence, and who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.				
(Notarial Seal)	Notary Public			

się.

ASSIGNMENT

Serial No. 09/162,956 Filed: September 29, 1998 ase No.: AM-7081

We, <u>DUSTIN H. THOMAS</u>, a citizen of the United States of America, residing in the Parish of East Baton Rouge, <u>State of Louisiana</u>, at 6030 Huckleberry Court, Baton Rouge, <u>Louisiana 70817</u>; <u>DOUGLAS H. KRZYSTOWCZYK</u>, a citizen of the United States of America, residing in the County of Orangeburg, State of South Carolina, at 171 St. <u>Julien Place</u>, <u>Orangeburg</u>, <u>South Carolina 29118</u>; and <u>LUC G. SIX</u>, a citizen of the Country of Belgium, residing at <u>Rerum Novarumlaan 17</u>, <u>B-2110 Wijnegem</u>, <u>Belgium</u>, have made at least one invention, improvement or discovery described in the patent application having the above designated case number, entitled

PROCESS FOR PRODUCING AMINE OXIDES

and for which invention, improvement or discovery we have filed application for Letters Patent of the United States of America.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we hereby transfer, set over and assign to

ALBEMARLE CORPORATION

a Virginia Corporation, having a place of business at Baton Rouge, Louisiana, its successors and assigns, our entire right, title and interest in, to and under said application for Letters Patent and all inventions, improvements and discoveries, whether joint or sole, disclosed therein, and the resultant patent or patents thereon and any renewals, reissues, extensions, substitutions, continuations, or divisions thereof, including all priority rights arising in other countries from said application and all foreign rights in and to said inventions, improvements and discoveries.

We further agree to execute such further papers, and perform such other proper acts as said Corporation may deem necessary to secure to said Corporation the rights herein conveyed; and we hereby authorize the insertion into this Assignment of the serial number and filing date of said application.

Invent	or:
	DUSTIN H. THOMAS
Invent	DOUØLAS H KRZYSTOWCZYK
Inven	LUC G. SIX
STATE of LOUISIANA PARISH OF EAST BATON ROUGE	
On this day of, 1999, person to be the person named in and who executed the above that he executed the same of his own free will for the uses a	onally appeared before me, Dustin H. Thomas, to me e instrument in my presence, and who acknowledged nd purposes herein mentioned.
(Notarial Seal)	Notary Public

STATE of SOUTH CAROLINA COUNTY OF ORANGEBURG

On this day of, 1999, personall to me known to be the person named in and who executed acknowledged that he executed the same of his own free will for	the above instrument in my presence, and who
(Notarial Seal)	Notary Public
COUNTRY OF BELGIUM STATE OF RRUSSELS	
On this 30 kg day of APRIL , 1999, personal to be the person named in and who executed the above instrumed executed the same of his own free will for the uses and purpose	at in my presence, and who acknowledged that he
(Notarial Seal)	Notary Public





Edgar E. Spielman, Jr.
Division Patent Attorney
Patent & Trademark Division

May 17, 2000



U.S. Patent and Trademark Office Assignment Division Box Assignments, CG-4 Suite 320 1213 Jefferson Davis Hwy Washington DC 20231

RE: Document ID No. 101282706

Recordation of Assignment

Docket No. AM-7081

Conveying Party(ies): Dustin H. Thomas, et al. Receiving Party(ies): Albemarle Corporation

Dear Sirs:

The enclosed package was received from the USPTO, Assignment Division, and is being resubmitted for recordation according to the instructions detailed in the letter dated May 02, 2000. A new cover sheet reflecting the correct information is also enclosed.

Very truly yours,

ALBEMARLE CORPORATION

EDGARE. SPIELMAN, JR. Registration No. 25,929

Attorney for Applicant(s)

EES:vsk

Enclosures

Telephone: 225-388-7604 Facsimile: 225-388-7239 Facsimile: 225-388-7686

> PATENT REEL: 010809 FRAME: 0850



PTAS

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MAY 02, 2000

PHILIP M. PIPPENGER 451 FLORIDA ST. BATON ROUGE, LA 70801-1765 *1012827067*

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 101282706

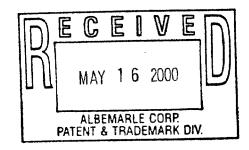
THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. TO RECORD A DOCUMENT, THE NAME AND ADDRESS OF THE PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENTS SHOULD BE MAILED IS REQUIRED.

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



PATENT REEL: 010809 FRAME: 0851

RECORDED: 05/24/2000