

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James N. LEPAGE</td> <td>06/24/2013</td> </tr> <tr> <td>Cornelia Adriana DE WOLF</td> <td>08/13/2013</td> </tr> <tr> <td>Johanna Hendrika BEMELAAR</td> <td>08/05/2013</td> </tr> <tr> <td>Adrianus Maria REICHWEIN</td> <td>08/01/2013</td> </tr> <tr> <td>Axel CARSTENS</td> <td>08/01/2013</td> </tr> <tr> <td>Edwin Rudolf Antony BANG</td> <td>08/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	James N. LEPAGE	06/24/2013	Cornelia Adriana DE WOLF	08/13/2013	Johanna Hendrika BEMELAAR	08/05/2013	Adrianus Maria REICHWEIN	08/01/2013	Axel CARSTENS	08/01/2013	Edwin Rudolf Antony BANG	08/01/2013
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<table border="1"> <tr> <td>Name:</td> <td>Akzo Nobel Chemicals International B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Stationsstraat 77</td> </tr> <tr> <td>City:</td> <td>Amersfoort</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>NL-3811 MH</td> </tr> </table>		Name:	Akzo Nobel Chemicals International B.V.	Street Address:	Stationsstraat 77	City:	Amersfoort	State/Country:	NETHERLANDS	Postal Code:	NL-3811 MH				
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14000675</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14000675										
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CORRESPONDENCE DATA															
<p>Fax Number: 9143664097 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (914) 333-7489 Email: ipani.patent@akzonobel.com Correspondent Name: Timothy D. Meade Address Line 1: Akzo Nobel Inc. Address Line 2: 120 White Plains Road, Suite 300 Address Line 4: Tarrytown, NEW YORK 10591</p>															
ATTORNEY DOCKET NUMBER:	AFC11148-US-P1														

NAME OF SUBMITTER:	Timothy D. Meade
Signature:	/Timothy D. Meade/
Date:	08/21/2013
Total Attachments: 5 source=AFC11148-US-P1-Assignment#page1.tif source=AFC11148-US-P1-Assignment#page2.tif source=AFC11148-US-P1-Assignment#page3.tif source=AFC11148-US-P1-Assignment#page4.tif source=AFC11148-US-P1-Assignment#page5.tif	

ASSIGNMENT

WHEREAS, I/we,

James N. LEPAGE
1502 S. Prairie, Unit P
Chicago, Illinois 60605
US
Citizenship: US

Cornelia Adriana DE WOLF
Kraaiheide 59
NL-6961 PC Eerbeek
Netherlands
Citizenship: NL

Johanna Hendrika BEMELAAR
Brinkgreverweg 22
NL-7413 AC Deventer
Netherlands
Citizenship: NL

Adrianus Maria REICHWEIN
Lepelaarstraat 11
NL-6883 Ek Velp
Netherlands
Citizenship: NL

Axel CARSTENS
Ketelweg 26
D-47533 Kleve
Germany
Citizenship: DE

Edwin Rudolf Antony BANG
Ida Gerhardtstraat 84
NL-6836 VG Arnhem
Netherlands
Citizenship: NL

have made inventions and discoveries in **CHELATING AGENT PRECURSORS, FLUIDS CONTAINING THEM, AND THEIR USE** for which an International Application No. **PCT/EP2012/052824** was filed on **February 20, 2012**; and

WHEREAS, **AKZO NOBEL CHEMICALS INTERNATIONAL B.V.**, having a place of business at **Stationsstraat 77, NL-3811 MH Amersfoort, Netherlands**, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said Application, any and all other patent applications on said inventions and discoveries, including all provisional, non-provisional, divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, upon said Application, or upon said other applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said Application or other applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said Application, said other applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name/names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I/we have not conveyed to others any right, title, or interest in said inventions, discoveries, patent, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I/we have good right to assign the same to Assignee without encumbrance; and that I/we are aware of no claim to the contrary.

5. Bind my/our heirs, legal representatives, and assigns, as well as myself/ourselves to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said Application, the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives, or assigns which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
24 day of June, 2013.


James M. LEPAGE

ASSIGNMENT

WHEREAS, I/we,

James N. LEPAGE
1502 S. Prairie, Unit P
Chicago, Illinois 60605
US
Citizenship: US

Cornelia Adriana DE WOLF
Kraaiheide 59
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2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name/names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I/we have not conveyed to others any right, title, or interest in said inventions, discoveries, patent, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I/we have good right to assign the same to Assignee without encumbrance; and that I/we are aware of no claim to the contrary.

5. Bind my/our heirs, legal representatives, and assigns, as well as myself/ourselves to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said Application, the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives, or assigns which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
_____ day of _____, 2013.

James M. LEPAGE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
13th day of August, 2013.



Cornelia Adriana DE WOLF

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
5th day of August, 2013.



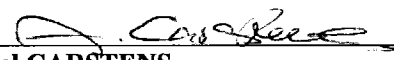
Johanna Hendrika BEMELAAR

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
1st day of August, 2013.



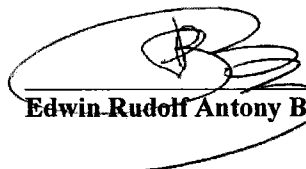
Adrianus Maria REICHWEIN

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
1st day of August, 2013.



Axel CARSTENS

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
1st day of AUGUST, 2013.



Edwin Rudolf Antony BANG