

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QINGWEN WENDY YUAN-HUFFMAN	04/28/2017
KAI KANG	05/25/2017
BO WU	05/25/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
<b>Street Address:</b>	VELPERWEG 76
<b>City:</b>	ARNHEM
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	NL-6824 BM
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15528845
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)544-7379
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	312-544-7151
<b>Email:</b>	ipani.patent@akzonobel.com
<b>Correspondent Name:</b>	AKZO NOBEL INC.
<b>Address Line 1:</b>	AKZONOBEL LEGAL GROUP
<b>Address Line 2:</b>	525 W. VAN BUREN, SUITE 1600
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60607
<b>ATTORNEY DOCKET NUMBER:</b>	SPG11541-US-P1
<b>NAME OF SUBMITTER:</b>	MATTHEW J. DERUYTER
<b>SIGNATURE:</b>	/Matthew J. DeRuyter/
<b>DATE SIGNED:</b>	06/14/2017
<b>Total Attachments: 6</b>	
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source=SPG11541-US-P1-Cute-Executed-Assignment#page6.tif

ASSIGNMENT

WHEREAS, I/we,

**Qingwen Wendy YUAN-HUFFMAN**  
**47 Ridgeview Drive**  
**Belle Mead, NJ 08502**  
**United States of America**  
**Citizenship: US**

**Kai KANG**  
**No. 137 Jiangtian East Road**  
**Songjiang Industrial Estate**  
**Shanghai 201600**  
**China**  
**Citizenship: CN**

and

**Bo WU**  
**No. 137 Jiangtian East Road**  
**Songjiang Industrial Estate**  
**Shanghai 201600**  
**China**  
**Citizenship: CN**

have made inventions and discoveries in **INTERNAL POLYMERIC BREAKER FOR VISCOELASTIC SURFACTANT-BASED FLUIDS** for which an International Application No. **PCT/EP2015/077386** was filed on **November 23, 2015**; and

WHEREAS, **AKZO NOBEL CHEMICALS INTERNATIONAL B.V.**, having a place of business at **Velperweg 76, NL-6824 BM Arnhem, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2017

\_\_\_\_\_  
Qingwen WendyYUAN-HUFFMAN

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 20<sup>th</sup> day of Nov, 2017

  
\_\_\_\_\_  
Kai KANG

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 26<sup>th</sup> day of  
May, 2017

Bo WU  
**Bo WU**

ASSIGNMENT

WHEREAS, I/we,

**Qingwen Wendy YUAN-HUFFMAN**  
**47 Ridgeview Drive**  
**Belle Mead, NJ 08502**  
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**Citizenship: US**

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upon or arise from said inventions, said discoveries, said Application, said other applications, and said Letters Patent.

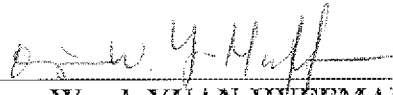
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name/names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

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.

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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<sup>th</sup> day of April, 2017

  
 Qingwen Wendy YUAN-HUFFMAN

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2017

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Kai KANG

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of  
\_\_\_\_\_, 2017

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Bo WU