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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIONG ZHOU	11/09/2016
RALPH FRANKLIN	11/09/2016
CHRISTINE CORNELIA GORSUCH	11/09/2016
ALAN DUNCAN JAMES	11/03/2016

RECEIVING PARTY DATA

Name:	AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
Street Address:	VELPERWEG 76
City:	ARNHEM
State/Country:	NETHERLANDS
Postal Code:	NL-6824 BM

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15310663

CORRESPONDENCE DATA

Fax Number: (312)544-7379

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.

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ipani.patent@akzonobel.com Email:

NIRAV P. PATEL **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	ACA11523-US-P1
NAME OF SUBMITTER:	NIRAV P. PATEL
SIGNATURE:	/Nirav P. Patel/
DATE SIGNED:	11/11/2016

Total Attachments: 6

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<u>ASSIGNMENT</u>

WHEREAS, I/we,

Qiong ZHOU
63 Guinness Way
Hopewell Junction
New York 12533
United States of America
Citizenship: US

Alan Duncan JAMES
P.O. Box 192
Cary
Illinois 60013
United States of America
Citizenship: US

Ralph FRANKLIN
25 Tamanny Trail
Danbury
Conneticut 06811
United States of America
Citizenship: US

and

Christine Cornelia GORSUCH 19 Aster Hill Drive Wappinger Falls New York 12590 United States of America Citizenship: US

have made inventions and discoveries in METHOD FOR PRODUCING BITUMINOUS COATINGS WITH REDUCED TACKINESS for which an International Application No. PCT/EP2015/063030 was filed on June 11, 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

Page 1 of 3

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 anythipg 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
, 2016		
	Oione ZHOU	

Page 2 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 3	_day of
Varenter, 2016	
alanfamels	
Alan Duncan JAMES	
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this	_day of
Ralph FRANKLIN	
IN TESTIMONY WHEREOF, I have hereunto set my hand and scal this	_day of
•	
Christine Cornelia GORSUCH	

Page 3 of 3

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New York 12533
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Alan Duncan JAMES
P.O. Box 4728
Chicago
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25 Tamanny Trail
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Conneticut 06811
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Citizenship: US

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Page 1 of 3 PATE

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- 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.

Qiong ZHOU

Full name of third inventor: Ralph FRANKLIN
Inventor's signature
Date NO Consulation of the College
Residence CT, USA
Citizenship US
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Full name of fourth inventor: Christine Cornelia GORSUCH
Inventor's signature <u> </u>
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PATENT REEL: 040291 FRAME: 0231

RECORDED: 11/11/2016