

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5610985

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EIKE NICOLAS KANTZER	05/24/2019
ANTOON JACOB BEREND TEN KATE	06/17/2019
MICHIEL JOZEF THOMAS RAAIJMAKERS	06/17/2019
RENS VENEMAN	06/17/2019
INA EHLERS	05/24/2019
MICHAEL BERTIL EINAR SARNING	05/24/2019
HENDRIK VAN DAM	05/24/2019
ROLF KRISTER EDVINSSON	05/28/2019
<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>
Application Number:	16468514
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)544-7104
<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>	sc-ipani@nouryon.com
<b>Correspondent Name:</b>	MATTHEW J. DERUYTER
<b>Address Line 1:</b>	525 WEST VAN BUREN STREET, SUITE 1600
<b>Address Line 2:</b>	NOURYON CHEMICALS LLC
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60607
<b>ATTORNEY DOCKET NUMBER:</b>	AFC11696-US-P1
<b>NAME OF SUBMITTER:</b>	MATTHEW J. DERUYTER
<b>SIGNATURE:</b>	/Matthew J. DeRuyter/

PATENT

DATE SIGNED:	07/10/2019
--------------	------------

**Total Attachments: 14**

source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page1.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page2.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page3.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page4.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page5.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page6.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page7.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page8.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page9.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page10.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page11.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page12.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page13.tif  
source=1-AFC11696-US-P1-Executed-Assignment-Nouryon#page14.tif

ASSIGNMENT

WHEREAS, I/we,

Eike Nicolas KANTZER  
Decembervägen 13  
SE-451 63 Uddevalla  
Sweden  
Citizenship: DE

Antoon Jacob Berend TEN KATE  
Bakenbergseweg 220  
NL-6814 MT Arnhem  
Netherlands  
Citizenship: NL

Michiel Jozef Thomas RAAIJMAKERS  
p/a Akzo Nobel Chemicals B.V.  
Zutphenseweg 10  
NL-7418 AJ Deventer  
Netherlands  
Citizenship: NL

Rens VENEMAN  
p/a Akzo Nobel Chemicals B.V.  
Zutphenseweg 10  
NL-7418 AJ Deventer  
Netherlands  
Citizenship: NL

Ina EHLERS  
Skogsbrynet 11A  
SE-444 54 Stenungsund  
Sweden  
Citizenship: SE

Michael Bertil Einar SARNING  
Vidblicksgatan 1  
SE-412 57 Göteborg  
Sweden  
Citizenship: SE

Hendrik VAN DAM  
Hessenweg 35  
NL-6718 TC Ede  
Netherlands  
Citizenship: NL

**Rolf Krister EDVINSSON**  
**Sankte Pers backe 4**  
**SE-433 31 Partille**  
**Sweden**  
**Citizenship: SE**

have made inventions and discoveries in **PROCESS FOR MANUFACTURING POLYETHYLENE** for which an International Application No. **PCT/EP2017/082394** was filed on **December 12, 2017**; and

WHEREAS, **AKZO NOBEL CHEMICALS INTERNATIONAL B.V.**, having a place of business at **Velperweg 76, NL-6824 BM Arnhem, The 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<sup>th</sup>  
day of May, 2019.

  
Eike Nicolas KANTZER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Antoon Jacob Berend TEN KATE


IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Michiel Jozef Thomas RAAIJMAKERS

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Rens VENEMAN

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 24<sup>th</sup>  
day of May, 2019.

  
Ina EHLERS

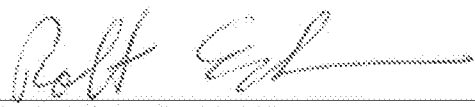
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 24<sup>th</sup>  
day of May, 2019.

  
Michael Bertil Einar SARNING

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Hendrik VAN DAM**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28  
day of May, 2019.

  
\_\_\_\_\_  
**Rolf Krister EDVINSSON**

ASSIGNMENT

WHEREAS, I/we,

Eike Nicolas KANTZER  
Decembervägen 13  
SE-451 63 Uddevalla  
Sweden  
Citizenship: DE

Antoon Jacob Berend TEN KATE  
Bakenbergseweg 220  
NL-6814 MT Arnhem  
Netherlands  
Citizenship: NL

Michiel Jozef Thomas RAAIJMAKERS  
p/a Akzo Nobel Chemicals B.V.  
Zutphenseweg 10  
NL-7418 AJ Deventer  
Netherlands  
Citizenship: NL

Rens VENEMAN  
p/a Akzo Nobel Chemicals B.V.  
Zutphenseweg 10  
NL-7418 AJ Deventer  
Netherlands  
Citizenship: NL

Ina EHLERS  
Skogsbrynet 11A  
SE-444 54 Stenungsund  
Sweden  
Citizenship: SE

Michael Bertil Einar SARNING  
Vidblicksgatan 1  
SE-412 57 Göteborg  
Sweden  
Citizenship: SE

Hendrik VAN DAM  
Hessenweg 35  
NL-6718 TC Ede  
Netherlands  
Citizenship: NL



**Rolf Krister EDVINSSON**  
**Sankte Pers backe 4**  
**SE-433 31 Partille**  
**Sweden**  
**Citizenship: SE**

have made inventions and discoveries in **PROCESS FOR MANUFACTURING POLYETHYLENE** for which an International Application No. **PCT/EP2017/082394** was filed on **December 12, 2017**; and

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

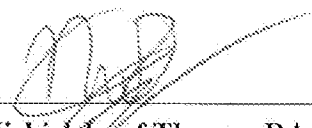
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Eike Nicolas KANTZER**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 17<sup>th</sup>  
day of June, 2019.

  
\_\_\_\_\_  
**Antoon Jacob Berend TEN KATE**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 17<sup>th</sup>  
day of June, 2019.

  
\_\_\_\_\_  
**Michiel Jozef Thomas RAALJMAKERS**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 17  
day of June, 2019.

  
\_\_\_\_\_  
**Rens VENEMAN**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Ina EHLERS**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Michael Bertil Einar SARNING**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Hendrik VAN DAM**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Rolf Krister EDVINSSON**

ASSIGNMENT

WHEREAS, I/we,

**Eike Nicolas KANTZER**

**Decembervägen 13**

**SE-451 63 Uddevalla**

**Sweden**

**Citizenship: DE**

**Antoon Jacob Berend TEN KATE**

**Bakenbergseweg 220**

**NL-6814 MT Arnhem**

**Netherlands**

**Citizenship: NL**

**Michiel Jozef Thomas RAALMAKERS**

**p/a Akzo Nobel Chemicals B.V.**

**Zutphenseweg 10**

**NL-7418 AJ Deventer**

**Netherlands**

**Citizenship: NL**

**Rens VENEMAN**

**p/a Akzo Nobel Chemicals B.V.**

**Zutphenseweg 10**

**NL-7418 AJ Deventer**

**Netherlands**

**Citizenship: NL**

**Ina EHLERS**

**Skogsbrynet 11A**

**SE-444 54 Stenungsund**

**Sweden**

**Citizenship: SE**

**Michael Bertil Einar SARNING**

**Vidblicksgatan 1**

**SE-412 57 Göteborg**

**Sweden**

**Citizenship: SE**

**Hendrik VAN DAM**

**Hessenweg 35**

**NL-6718 TC Ede**

Netherlands  
Citizenship: NL

Rolf Krister EDVINSSON  
Sankte Pers backe 4  
SE-433 31 Partille  
Sweden  
Citizenship: SE

have made inventions and discoveries in **PROCESS FOR MANUFACTURING POLYETHYLENE** for which an International Application No. **PCT/EP2017/082394** was filed on **December 12, 2017**; and

WHEREAS, **AKZO NOBEL CHEMICALS INTERNATIONAL B.V.**, having a place of business at **Velperweg 76, NL-6824 BM Arnhem, The 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 \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Eike Nicolas KANTZER**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Antoon Jacob Berend TEN KATE**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Michiel Jozef Thomas RAAIJMAKERS**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Rens VENEMAN**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Ina EHLERS**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
**Michael Bertil Einar SARNING**

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ **PATENT**

**REEL: 049711 FRAME: 0174**

day of 24 May, 2019.

  
\_\_\_\_\_  
Hendrik VAN DAM

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Rolf Krister EDVINSSON

Page 1 of 4