

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3985352

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARKUS PRISKE	06/16/2016
ROBERT FRANKE	06/30/2016
BART HAMERS	07/01/2016
PATRICK SCHMIDT	07/11/2016
ANDRZEJ GÓRAK	06/27/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EVONIK DEGUSSA GMBH
<b>Street Address:</b>	RELLINGHAUSER STRASSE 1-11
<b>City:</b>	ESSEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	45128
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14908037
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)263-4329
<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>	202.263.4300
<b>Email:</b>	dcdocketing@sgrlaw.com
<b>Correspondent Name:</b>	SMITH, GAMBRELL & RUSSELL, LLP
<b>Address Line 1:</b>	1055 THOMAS JEFFERSON STREET
<b>Address Line 2:</b>	SUITE 400
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007
<b>ATTORNEY DOCKET NUMBER:</b>	032301.812
<b>NAME OF SUBMITTER:</b>	DENNIS C. RODGERS
<b>SIGNATURE:</b>	/Dennis C. Rodgers/
<b>DATE SIGNED:</b>	07/29/2016
<b>Total Attachments: 15</b>	

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ASSIGNMENT

This assignment agreement is applicable to an invention entitled:

**MEMBRANE CASCADE WITH FALLING SEPARATION TEMPERATURE**

and which is found in (*check one*):

- ☐ A patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment (U.S. Application No. \_\_\_\_\_);
- ☐ U.S. Patent Application No. \_\_, filed \_\_;
- ☐ A U.S. Patent Application based on PCT International Application No. \_\_ filed on \_\_ (U.S. Application No. \_\_);
- ☒ PCT International Application No. PCT/EP2014/066028 filed on July 25, 2014 (U.S. Application No. \_\_\_\_\_); and/or
- ☐ U.S. Patent No. \_\_, issued \_\_ (date).

The PATENT PROPERTY assigned under this agreement is (*check one*):

- ☒ U.S. Patent Property only: The entire right, title and interest for the United States and its territorial possessions in and to the invention identified above, any and all improvements thereof, the right to claim priority including the right to claim priority to any earlier patent applications for said invention, and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 U.S.C. 111(a), or substitute thereof, and any reissue, reexamination, or extension of said Letters Patent, and the right to sue and recover for any past infringement, the right to file and/or prosecute any applications for said invention as Applicant, and the right to have said Letters Patent issue with the Assignee as named Applicant, or
- ☐ Worldwide Patent Property: The entire right, title and interest for the United States and its territorial possessions and in all foreign countries in and to the invention identified above, any and all improvements thereof, and any legal equivalent thereof in a foreign country, the right to claim priority including the right to claim priority to any earlier patent applications for said invention, and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 U.S.C. 111(a), or substitute thereof, and any reissue, reexamination, or extension of said Letters Patent, and all rights under all International Conventions for the Protection of Industrial Property, and the right to sue and recover for any past infringement, and where applicable, the right to file and/or prosecute any applications for said invention as Applicant and/or the right to have said Letters Patent issue with the Assignee as named Applicant.

The following ASSIGNEE is the recipient of the PATENT PROPERTY:

**Evonik Degussa GmbH  
Rellinghauser Strasse 1-11  
45128 Essen  
Germany**

This ASSIGNEE is (check one):

- ☐ An Individual;
- ☐ A Partnership;
- ☒ A Corporation/Entity of Germany (specify state or country); or
- ☐ (other)

In consideration of the premises hereof, and other good and valuable consideration, receipt of which is acknowledged, the ASSIGNOR(S) hereby sell, assign and transfer to the ASSIGNEE, its successors, assigns, and legal representatives, the PATENT PROPERTY.

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IN WITNESS WHEREOF, the below designated ASSIGNOR(S) and ASSIGNEE have executed this ASSIGNMENT:

**ASSIGNOR**

Signature: 

Date: June 16, 2016

Name: Markus PRISKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Robert FRANKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Dr. Bart HAMERS

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Patrick SCHMIDT

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Andrzej GÓRAK

**ASSIGNEE**

Signature: 

Date: July 15, 2016

Name: i.V. Bärbel Schlathöfer acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH

Signature: 

Date: July 15, 2016

Name: i.V. Magreth Dalhaus acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH

Inventors-to-Assignee

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Rellinghauser Strasse 1-11  
45128 Essen  
Germany**

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IN WITNESS WHEREOF, the below designated ASSIGNOR(S) and ASSIGNEE have executed this ASSIGNMENT:

**ASSIGNOR**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Markus PRISKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Robert FRANKE

Signature: \_\_\_\_\_

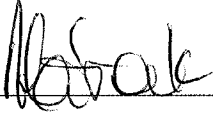
Date: \_\_\_\_\_

Name: Dr. Bart HAMERS

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Patrick SCHMIDT

Signature:  \_\_\_\_\_

Date: 27.06.2016

Name: Prof. Andrzej GÓRAK

**ASSIGNEE**

Signature:  \_\_\_\_\_

Date: July 15, 2016

Name: i.V. Bärbel Schlathöller acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH

Signature:  \_\_\_\_\_

Date: July 15, 2016

Name: i.V. Magreth Dalhaus acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH



Inventors-to-Assignee

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**Rellinghauser Strasse 1-11**  
**45128 Essen**  
**Germany**

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**ASSIGNOR**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Markus PRISKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Robert FRANKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Dr. Bart HAMERS

Signature: Patrick Schmidt

Date: 11.07.2016

Name: Patrick SCHMIDT

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Andrzej GÓRAK

**ASSIGNEE**

Signature: i.V. Bärbel Schlathöler

Date: July 15, 2016

Name: i.V. Bärbel Schlathöler acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH

Signature: i.V. Magreth Dalhaus

Date: July 15, 2016

Name: i.V. Magreth Dalhaus acting in official capacity on behalf of  
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**Rellinghauser Strasse 1-11**  
**45128 Essen**  
**Germany**

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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Markus PRISKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Robert FRANKE

Signature:  \_\_\_\_\_

Date: July 1, 2016

Name: Dr. Bart HAMERS

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Patrick SCHMIDT

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Prof. Andrzej GÓRAK

**ASSIGNEE**

Signature:  \_\_\_\_\_

Date: July 15, 2016

Name: i.V. Bärbel Schlathöfer acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH

Signature:  \_\_\_\_\_

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Name: i.V. Magreth Dalhaus acting in official capacity on behalf of  
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Signature:  \_\_\_\_\_

Date: 30. June 2016

Name: Prof. Robert FRANKE

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Dr. Bart HAMERS

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Patrick SCHMIDT

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Date: July 15, 2016

Name: i.V. Magreth Dalhaus acting in official capacity on behalf of  
(Authorized Manager) Evonik Degussa GmbH