## 503008550 10/07/2014 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:  |                            | NEW ASSIGNMENT   |                                |            |
|---|----------------------------|--|--------------------------------|------------|
| ATURE OF CONVEY   | NCE:                       | ASSIGNMENT   |                                |            |
| CONVEYING PARTY   | ΔΑΤΑ                       |  |                                |            |
|   |                            | Name   | Exec                           | ution Date |
| JENS RUDOLPH  |                            |  | 10/17/                         | 2011       |
| HANS-RUDIGER REE  | Н                          |  | 11/03/                         | 2011       |
| HANS-GUNTER THEL  | EN                         |  | 11/03/                         | 2011       |
| MAXIMILIAN WALTER   |                            |  | 11/03/                         | 2011       |
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| Postal Code:  | 67056                      | 67056  |                                |            |
| PROPERTY NUMBER   | S Total: 1                 |  |                                |            |
| Property Type   |                            | Number   |                                |            |
| Application Number:   |                            | 13885033   |                                |            |
|   |                            |  |                                |            |
| CORRESPONDENCE<br>Fax Number:   |                            | (414)223-5000  |                                |            |
| Correspondence will   |                            |  |                                |            |
|   |                            | ) the e-mail address first; if that is   | s unsuccessful, it will        | be sent    |
| •   | f provided                 | l; if that is unsuccessful, it will be   |                                | be sent    |
| Phone:  | f provided                 | <b>l; if that is unsuccessful, it will be</b><br>4149785559  |                                | be sent    |
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| Phone:<br>Email:<br>Correspondent Name  | f provided<br>:            | <b>I; if that is unsuccessful, it will be</b><br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER   | sent via US Mail.              | be sent    |
| Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:   | f providec<br>:            | <i>I; if that is unsuccessful, it will be</i><br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER<br>WHYTE HIRSCHBOECK DUDEK S  | <b>sent via US Mail.</b><br>SC | be sent    |
| Phone:<br>Email:<br>Correspondent Name  | f providec<br>:            | <b>I; if that is unsuccessful, it will be</b><br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER   | <b>sent via US Mail.</b><br>SC | be sent    |
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| Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:  | f provided<br>:<br>IUMBER: | <i>I; if that is unsuccessful, it will be</i><br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER<br>WHYTE HIRSCHBOECK DUDEK S<br>555 EAST WELLS STREET, SUITE<br>MILWAUKEE, WISCONSIN 53202  | <b>sent via US Mail.</b><br>SC | be sent    |
| Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET N<br>NAME OF SUBMITTER               | f provided<br>:<br>IUMBER: | <i>I; if that is unsuccessful, it will be</i><br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER<br>WHYTE HIRSCHBOECK DUDEK S<br>555 EAST WELLS STREET, SUITE<br>MILWAUKEE, WISCONSIN 53202  | <b>sent via US Mail.</b><br>SC | be sent    |
| Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:   | f provided<br>:<br>IUMBER: | I; if that is unsuccessful, it will be<br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER<br>WHYTE HIRSCHBOECK DUDEK S<br>555 EAST WELLS STREET, SUITE<br>MILWAUKEE, WISCONSIN 53202<br>DOW-36738-A-US<br>JERE L. POLMATIER          | <b>sent via US Mail.</b><br>SC | be sent    |
| Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET N<br>NAME OF SUBMITTER<br>BIGNATURE: | f provided<br>:<br>IUMBER: | d; if that is unsuccessful, it will be<br>4149785559<br>jpolmatier@whdlaw.com<br>JERE L POLMATIER<br>WHYTE HIRSCHBOECK DUDEK S<br>555 EAST WELLS STREET, SUITE<br>MILWAUKEE, WISCONSIN 53202<br>DOW-36738-A-US<br>JERE L. POLMATIER<br>/jlp/ | <b>sent via US Mail.</b><br>SC | be sent    |

This Assignment 110 is in the ENCLISH language and has the same meaning in other languages with the same 110 number and FORM 110 (R 5/97)

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: MITIGATION OF FOULING IN HYDROFORMYLATION PROCESSES BY WATER ADDITION

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustce(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto;

BASF SE Schwerstrasse 39 67056 Ludwigshafen GERMANY

a corporation organized and existing under the laws of Germany (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filmg Date, and Filing Country

| 21 | Deigrity Mumbar | Filing Date | Filino Country             |  |
|----|-----------------|-------------|----------------------------|--|
|    | rinning manuer  | r ung Daw   | T ming country             |  |
|    | 61/313 003      | 0010 11 10  | There & Carrier as & moder |  |
|    | 61/412.983      | 2010-11-12  | Lating States of America   |  |
|    |                 |             |                            |  |

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignce in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

| At LUDUIGS RAFEN, GERMANY   | At: LUCIWIQSINATED, GERMANY  |
|---|--|
| this $\gamma$ day of $2 \sqrt{9} \sqrt{2}$ , 20 $\beta$   | this day of <u>13 NIV 71111</u> , 20<br>Effective as of November 12, 2010  |
| Effective as of November 12, 2010   | Effective as of November 12, 2010  |
| Signature: k-1 k-2. do L  | Signature: As R. G. C.   |
| Full Name: Vens Ratioph   | Full Name: Hans-Rüdiger Reeh /   |
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| Country: Germany  | Country: Germany   |
| Citizenship: German   | Citizenship: German  |
| P.O. Address: Same as Residence   | P.O. Address: Same as Residence  |
| Employed By: BASF SE  | Employed By: BASF SE   |
| Of Country: Germany   | Of Country: Germany  |
| **************************************  | (  |
|   |  |
| At: Luowigshalen, Germany   | At: Ludwiashaten Germany,  |
| At: LUOWIOShafen, Germany<br>this day of U.3. NUV. 2011, 20   | At: Luciwicshaten, Germany,<br>this day of 3_NV. 201_, 20  |
| At: LUOWIGSNEITEN, Clermany<br>this day of U.S. NUV. 2011, 20<br>Effective as of November 12, 2010  | Effective as of November 12, 2010  |
| Effective as of November 12, 2010   | Effective as of November 12, 2010  |
| Effective as of November 12, 2010<br>Signature: <u>W (- Stattan</u>   | Effective as of November 12, 2010<br>Signature: Marin L. Alter   |
| Effective as of November 12, 2010<br>Signature: <u><u>H</u><u>C.</u><u>Statta</u><br/>Full Name: Hans-Günger Thelen</u>   | Effective as of November 12, 2010<br>Signature:<br>Full Name: Maximilian Walter  |
| Effective as of November 12, 2010<br>Signature: <u>W (- Stattan</u>   | Effective as of November 12, 2010<br>Signature: Marin L. Alter   |
| Effective as of November 12, 2010<br>Signature: U C. Statler<br>Full Name: Hans-Günter Thelen<br>Residence: Weikersheimer Ring 15a<br>68259 Mannheim                | Effective as of November 12, 2010<br>Signature: Maxic L<br>Full Name: Maximilian Walter<br>Residence: Am Häuselberg 23   |
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| Effective as of November 12, 2010<br>Signature:   | Effective as of November 12, 2010<br>Signature: Maximilian Walter<br>Full Name: Maximilian Walter<br>Residence: Am Häuselberg 23<br>67433 Neustadt an der Weinstrasse<br>Country: Germany                        |
| Effective as of November 12, 2010<br>Signature: <u>U</u><br>Full Name: Hans-Gümer Thelen<br>Residence: Weikersheimer Ring 15a<br>68259 Mannheim<br>Country: Germany | Effective as of November 12, 2010<br>Signature: Maximilian Walter<br>Full Name: Maximilian Walter<br>Residence: Am Häuselberg 23<br>67433 Neustadt an der Weinstrasse<br>Country: Germany<br>Citizenship: German |

() Additional names and signatures are attached.

**RECORDED: 10/07/2014**