

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                   |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
|--|----------------------------------|---------------|----------------|----------------------------|-----------------------|--------------------------|----------------------------------|--------------|--------------|-----------------------|------------|---------------------|------------|----------------------------|------------|----------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>CONVEYING PARTY DATA</b>  |                                  |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>CHRISTIAN BITTNER</td><td>10/25/2010</td></tr> <tr><td>GUNTER OETTER</td><td>10/25/2010</td></tr> <tr><td>JACK TINSLEY</td><td>10/25/2010</td></tr> <tr><td>CHRISTIAN SPINDLER</td><td>10/25/2010</td></tr> <tr><td>SOPHIE VOGEL</td><td>10/25/2010</td></tr> <tr><td>GABRIELA ALVAREZ JURGENSON</td><td>10/25/2010</td></tr> <tr><td>MARCUS GUZMANN</td><td>10/26/2010</td></tr> </tbody> </table> |                                  | Name          | Execution Date | CHRISTIAN BITTNER          | 10/25/2010            | GUNTER OETTER            | 10/25/2010                       | JACK TINSLEY | 10/25/2010   | CHRISTIAN SPINDLER    | 10/25/2010 | SOPHIE VOGEL        | 10/25/2010 | GABRIELA ALVAREZ JURGENSON | 10/25/2010 | MARCUS GUZMANN | 10/26/2010 |
| Name   | Execution Date                   |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| CHRISTIAN BITTNER  | 10/25/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| GUNTER OETTER  | 10/25/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| JACK TINSLEY   | 10/25/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| CHRISTIAN SPINDLER   | 10/25/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| SOPHIE VOGEL   | 10/25/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| GABRIELA ALVAREZ JURGENSON   | 10/25/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| MARCUS GUZMANN   | 10/26/2010                       |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>RECEIVING PARTY DATA</b>  |                                  |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><b>Name:</b></td><td>BASF SE</td></tr> <tr><td><b>Street Address:</b></td><td>Carl-Bosch-Strasse 38</td></tr> <tr><td><b>Internal Address:</b></td><td>Patents, Trademarks and Licenses</td></tr> <tr><td><b>City:</b></td><td>Ludwigshafen</td></tr> <tr><td><b>State/Country:</b></td><td>GERMANY</td></tr> <tr><td><b>Postal Code:</b></td><td>D-67056</td></tr> </table>  |                                  | <b>Name:</b>  | BASF SE        | <b>Street Address:</b>     | Carl-Bosch-Strasse 38 | <b>Internal Address:</b> | Patents, Trademarks and Licenses | <b>City:</b> | Ludwigshafen | <b>State/Country:</b> | GERMANY    | <b>Postal Code:</b> | D-67056    |                            |            |                |            |
| <b>Name:</b>   | BASF SE                          |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>Street Address:</b>   | Carl-Bosch-Strasse 38            |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>Internal Address:</b>   | Patents, Trademarks and Licenses |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>City:</b>   | Ludwigshafen                     |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>State/Country:</b>  | GERMANY                          |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>Postal Code:</b>  | D-67056                          |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                  |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>13044375</td> </tr> </tbody> </table>   |                                  | Property Type | Number         | <b>Application Number:</b> | 13044375              |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| Property Type  | Number                           |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>Application Number:</b>   | 13044375                         |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <b>CORRESPONDENCE DATA</b>   |                                  |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |
| <p>Fax Number: (213)687-0498</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (213) 787-2500</p> <p>Email: mkim@cblh.com</p> <p>Correspondent Name: Michelle C. Kim</p> <p>Address Line 1: P.O. BOX 2207</p> <p>Address Line 2: CONNOLLY BOVE LODGE &amp; HUTZ LLP</p> <p>Address Line 4: WILMINGTON, DELAWARE 19899</p>  |                                  |               |                |                            |                       |                          |                                  |              |              |                       |            |                     |            |                            |            |                |            |

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**PATENT**  
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| ATTORNEY DOCKET NUMBER:  | 13156-00389-US  |
| NAME OF SUBMITTER:   | Michelle C. Kim |
| Total Attachments: 2<br>source=389ASG#page1.tif<br>source=389ASG#page2.tif |                 |

## Assignment of Application

WHEREAS, I (WE)

Christian Bittner, Nibelungenstr. 26, 64625 Bensheim, Germany  
Citizen of Germany

Günter Oetter, Hans-von-Marecs-Str.21, 67227 Frankenthal, Germany  
Citizen of Germany

Jack Tinsley, Q7 12b, 68161 Mannheim, Germany  
Citizen of United States of America

Christian Spindler, Otto-Dill-Str. 33, 67061 Ludwigshafen, Germany  
Citizen of Germany

Sophie Vogel, Rheingoldstr. 157, 68199 Mannheim, Germany  
Citizen of France

Gabriela Alvarez Jürgenson, Eichelsheimerstrasse 43, 68163 Mannheim, Germany  
Citizen of Spain

Marcus Guzmann, Theodor-Heuss-Str. 2, 69242 Mühlhausen, Germany  
Citizen of Germany

respectively, have invented certain new and useful improvements in

**Use of surfactant mixtures of polycarboxylates for  
microemulsion flooding**

for which an application for Letters Patent was executed on

(Application No. 13/044,375, filed March 9, 2011), and

WHEREAS, BASF SE (hereinafter referred to as "ASSIGNEE"), having a place of business at 67056 Ludwigshafen, Germany is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) per inventor, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of **CONNOLLY BOVE LODGE & HUTZ LLP**, The Nemours Building, 1007 North Orange Street, Wilmington, DE 19899, (telephone 302 658 9141; FAX 302 658 5614) the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 25.10.10 Signature of Inventor: Christian Blüter  
Christian Blüter

Date: 25.10.2010 Signature of Inventor: Günter Oetter  
Günter Oetter

Date: 25.10.2010 Signature of Inventor: Jack Tinsley  
Jack Tinsley

Date: 25.10.2010 Signature of Inventor: Christian Spindler  
Christian Spindler

Date: 25.10.2010 Signature of Inventor: Sophie Vogel  
Sophie Vogel

Date: 25.10.2010 Signature of Inventor: Gabriela Alvarez Jürgenson  
Gabriela Alvarez Jürgenson

Date: 26.10.10 Signature of Inventor: Marcus Guzmann  
Marcus Guzmann