

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TOBIAS HEINZ STEINKE</td> <td>10/25/2011</td> </tr> <tr> <td>TATIANA ULANOVA</td> <td>11/07/2011</td> </tr> <tr> <td>KLAUS HAHN</td> <td>10/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	TOBIAS HEINZ STEINKE	10/25/2011	TATIANA ULANOVA	11/07/2011	KLAUS HAHN	10/25/2011				
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<table border="1"> <tr> <td>Name:</td> <td>BASF SE</td> </tr> <tr> <td>Street Address:</td> <td>Carl-Bosch-Strasse 38</td> </tr> <tr> <td>Internal Address:</td> <td>Patents, Trademarks and Licenses</td> </tr> <tr> <td>City:</td> <td>Ludwigshafen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>67056</td> </tr> </table>		Name:	BASF SE	Street Address:	Carl-Bosch-Strasse 38	Internal Address:	Patents, Trademarks and Licenses	City:	Ludwigshafen	State/Country:	GERMANY	Postal Code:	67056
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(213)687-0498												
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ATTORNEY DOCKET NUMBER:	13156-00459-US												
NAME OF SUBMITTER:	Michelle C. Kim												
Total Attachments: 2 source=459ASG#page1.tif source=459ASG#page2.tif													

OP \$40.00 13312717

## Assignment of Application

WHEREAS; I (WE)

Tobias Heinz Steinke, Viehtriftstraße 35b, 67346 Speyer, Germany  
Citizen of Germany

Tatiana Ulanova, Knitschstraße 3, 67063 Ludwigshafen, Germany  
Citizen of Russian Federation

Klaus Hahn, Im Bügen 9, 67281 Kirchheim, Germany  
Citizen of Germany

respectively, have invented certain new and useful improvements in

for which an application for Letters Patent was executed on

(Application No. 13/312717, filed 6 December 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.

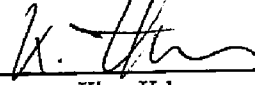
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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: 25.10.2011 Signature of Inventor:   
Tobias Heinz Steinke

Date: 7.11.2011 Signature of Inventor:   
Tatiana Ivanova

Date: 25.10.2011 Signature of Inventor:   
Klaus Hahn

Stand: 11/2010  
patmas - 210052 + 210114