

## PATENT ASSIGNMENT

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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>Vijay Immanuel RAMAN</td> <td>05/29/2012</td> </tr> <tr> <td>Frank RITTIG</td> <td>02/05/2012</td> </tr> <tr> <td>Yuzhuo LI</td> <td>06/10/2012</td> </tr> <tr> <td>Wei Lan William CHIU</td> <td>12/13/2011</td> </tr> </tbody> </table>		Name	Execution Date	Vijay Immanuel RAMAN	05/29/2012	Frank RITTIG	02/05/2012	Yuzhuo LI	06/10/2012	Wei Lan William CHIU	12/13/2011
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>BASF SE</td> </tr> <tr> <td>Street Address:</td> <td>.</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:	.	City:	Ludwigshafen	State/Country:	Germany	Postal Code:	67056
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13878361</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13878361						
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Application Number:	13878361										
CORRESPONDENCE DATA											
<p>Fax Number: 7034132220  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000        Email: asomaiel@oblon.com        Correspondent Name: Oblon, Spivak, et al.        Address Line 1: 1940 Duke Street        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	414960US99PCT										
NAME OF SUBMITTER:	Adel Samuel										
Signature:	/Adel Samuel/										

Date:

05/30/2013

Total Attachments: 2

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## Assignment of Application

WHEREAS; I (WE)

Vijay Immanuel Raman, Rennershofstrasse 12, 68163 Mannheim, Germany  
Citizen of India

Frank Rittig, Hegelstr. 8, 67549 Worms, Germany  
Citizen of Germany

Yuzhuo Li, Suckowstrasse 4, 68165 Mannheim, Germany  
Citizen of United States of America

Wei Ian William Chiu, 9F-11, No.55, Loyang St., Taipei City Wanhua Region, Taiwan  
Citizen of Taiwan

respectively, have invented certain new and useful improvements in

for which an application for Letters Patent was executed on

(Application No. 13/878,361, filed May 28, 2013), 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;

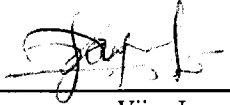
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) per inventor, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in 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.

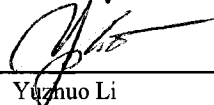
FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute 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.

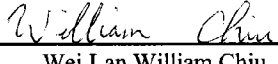
The undersigned hereby grant(s) the firm of **Oblon, Spivak, McClelland, Maier & Neustadt, P.C.**, 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Stand. 12/2011  
pdusass - 210032 + 210114

Date: 28/05/12 Signature of Inventor:   
Vijay Immanuel Raman

Date: 5-2-12 Signature of Inventor:   
Frank Rittig

Date: 6-10-12 Signature of Inventor:   
Yuzhuo Li

Date: DEC. 13, 2011 Signature of Inventor:  DEC. 13, 2011  
Wei Lan William Chiu