## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

### SUBMISSION TYPE:
NEW ASSIGNMENT

### NATURE OF CONVEYANCE:
ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>Michael HILL</td>
<td>10/09/2010</td>
</tr>
<tr>
<td>Werner KRAUSE</td>
<td>10/21/2010</td>
</tr>
<tr>
<td>Martin SICKEN</td>
<td>10/14/2010</td>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Clariant Finance (BVI) Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>Citco Building, Wickhams Cay</td>
</tr>
<tr>
<td>Internal Address</td>
<td>P. O. Box 662, Road Town</td>
</tr>
<tr>
<td>City</td>
<td>Tortola</td>
</tr>
<tr>
<td>State/Country</td>
<td>BRITISH VIRGIN ISLANDS</td>
</tr>
<tr>
<td>Postal Code</td>
<td>VGX</td>
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### PROPERTY NUMBERS Total: 1

<table>
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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
<td>13140212</td>
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### CORRESPONDENCE DATA

Fax Number:          (704)331-7707  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 704-331-7075

Email: Vicki.Sgro@Clariant.com

Correspondent Name:  Anthony A. Bisulca

Address Line 1:  4000 Monroe Road

Address Line 2:  Intellectual Property Department

Address Line 4:  Charlotte, NORTH CAROLINA 28205

NAME OF SUBMITTER:  Anthony A. Bisulca

Total Attachments: 1

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ASSIGNMENT

For valuable consideration, the receipt and adequacy of which is hereby acknowledged,

I/We

1) Michael HILL, Rochusstrasse 35, 50827 Koeln, Germany

2) Werner KRAUSE, Henriette-Lott-Weg 8, 50354 Huerth, Germany

3) Martin SICKEN, Mainstrasse 40 a, 51149 Koeln, Germany

Citizenship: 1) German, 2) German, 3) German

hereby sell, assign, and transfer unto Clariant Finance (BVI) Limited
a corporation organized under the laws of British Virgin Islands
located at Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola, British Virgin Islands

the entire right, title and interest in and to my/our application for Letters Patent of the
United States, executed concurrently herewith

Ser.-No.:

filed: xx.xxx.xxxx

entitled: Process for preparing ethylenedialkylphosphinic acids, esters and salts
by means of acetylene and use thereof

and my/our right, title, and interest in and to all my/our inventions disclosed in said
application for Letters Patent, and in and to all divisional or continuation applications that
may be filed for United States Letters Patent for any of said inventions, and in and to all
patents that may be granted on the foregoing applications, and I/we hereby agree, whenever
requested, to communicate to said assignee, its successors and assigns, any facts known to
me/us respecting said inventions, to testify in any legal proceeding, and to execute all
applications or papers necessary to obtain and maintain proper patent protection on said
inventions in the United States.

Inventors:

1st: ___________________ Date: November 11, 2010
Michael HILL

2nd: ___________________ Date: November 24, 2010
Werner KRAUSE

3rd: ___________________ Date: November 12, 2010
Martin SICKEN