

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2664515

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>MICHAEL A RUBY</td> <td>06/21/2013</td> </tr> <tr> <td>DAVID W EASTEP</td> <td>06/27/2013</td> </tr> <tr> <td>AARON H JOHNSON</td> <td>06/27/2013</td> </tr> <tr> <td>RONG LUO</td> <td>07/17/2013</td> </tr> <tr> <td>XINYU ZHAO</td> <td>07/17/2013</td> </tr> <tr> <td>JOSEPH GRENCI</td> <td>07/17/2013</td> </tr> <tr> <td>CHRISTOPHER MCGRADY</td> <td>06/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL A RUBY	06/21/2013	DAVID W EASTEP	06/27/2013	AARON H JOHNSON	06/27/2013	RONG LUO	07/17/2013	XINYU ZHAO	07/17/2013	JOSEPH GRENCI	07/17/2013	CHRISTOPHER MCGRADY	06/19/2013
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<table border="1"> <tr> <td>Name:</td> <td>TICONA LLC</td> </tr> <tr> <td>Street Address:</td> <td>8040 DIXIE HIGHWAY</td> </tr> <tr> <td>City:</td> <td>FLORENCE</td> </tr> <tr> <td>State/Country:</td> <td>KENTUCKY</td> </tr> <tr> <td>Postal Code:</td> <td>41042</td> </tr> </table>		Name:	TICONA LLC	Street Address:	8040 DIXIE HIGHWAY	City:	FLORENCE	State/Country:	KENTUCKY	Postal Code:	41042						
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CORRESPONDENCE DATA																	
<p>Fax Number:</p> <p>Phone: 864-271-1592</p> <p>Email: docketing@dority-manning.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: DORITY &amp; MANNING, P.A. AND TICONA LLC</p> <p>Address Line 1: POST OFFICE BOX 1449</p> <p>Address Line 4: GREENVILLE, SOUTH CAROLINA 29602</p>																	
NAME OF SUBMITTER:	THOMAS D HUYCKE																

Signature:	/Thomas D. Huycke, Reg. No. 63,096/
Date:	01/02/2014
Total Attachments: 5 source=CICT-266_Assignment_signed#page1.tif source=CICT-266_Assignment_signed#page2.tif source=CICT-266_Assignment_signed#page3.tif source=CICT-266_Assignment_signed#page4.tif source=CICT-266_Assignment_signed#page5.tif	

**ASSIGNMENT OF WORLDWIDE RIGHTS**

WHEREAS, we, Michael A. Ruby, residing in Cincinnati, Ohio; David W. Eastep, residing in Winona, Minnesota; Aaron H. Johnson, residing in Winona, Minnesota; Rong Luo, residing in Florence, Kentucky; Xinyu Zhao, residing in Cincinnati, Ohio; Joseph Greci, residing in Florence, Kentucky; and Christopher McGrady, residing in Florence, KY, as assignors, have made an invention entitled

**PIPE SECTION HAVING BONDED COMPOSITION BARRIER LAYER**

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 13/862,886, which was filed in the U.S. Patent and Trademark Office on April 15, 2013; and

WHEREAS, Ticona LLC, 8040 Dixie Highway, Florence, Kentucky 41042, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignors have executed this document on the date indicated below.

[Signature]  
Michael A. Ruby

21 June 2013  
Date

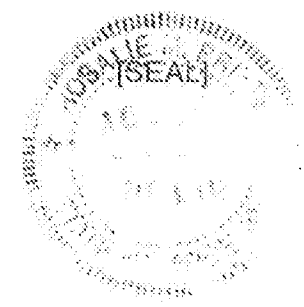
STATE OF KY )  
COUNTY OF Boone ) ss.

On this 21 day of June, 2013, appeared before me Michael A. Ruby, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

[Signature]  
NOTARY PUBLIC FOR: [Signature]

MY COMMISSION EXPIRES: 3-12-15

\_\_\_\_\_  
Notary /Witness Signature



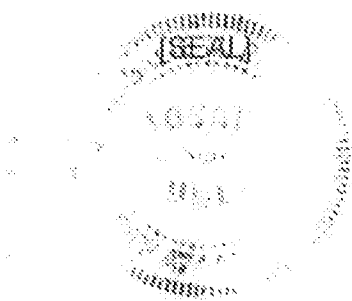
David W. Eastep  
David W. Eastep

6-27-13  
Date

STATE OF Ky }  
COUNTY OF Boone } ss.

On this 27 day of JUNE, 2013, appeared before me David W. Eastep, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

Barbara P. Pitt  
NOTARY PUBLIC FOR: Tarrant  
MY COMMISSION EXPIRES: 3-12-15



Notary /Witness Signature

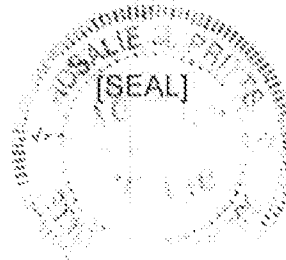
Aaron H. Johnson  
Aaron H. Johnson

6/27/13  
Date

STATE OF Ky }  
COUNTY OF Boone } ss.

On this 27 day of JUNE, 2013, appeared before me Aaron H. Johnson, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

Barbara P. Pitt  
NOTARY PUBLIC FOR: Tarrant  
MY COMMISSION EXPIRES: 3-12-15



Notary /Witness Signature

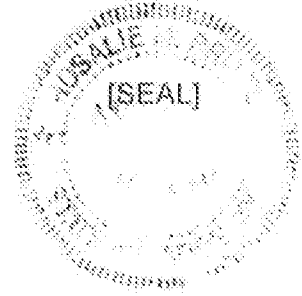
Rong Luo  
Rong Luo

7/17/2013  
Date

STATE OF Ky }  
COUNTY OF Boone } ss.

On this 17 day of July, 2013, appeared before me Rong Luo, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

[Signature]  
NOTARY PUBLIC FOR: [Signature]  
MY COMMISSION EXPIRES: 3-12-15



Notary /Witness Signature

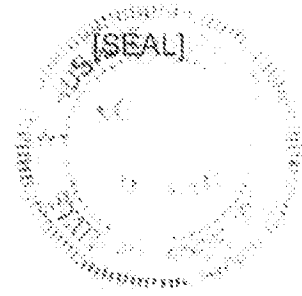
Xinyu Zhao  
Xinyu Zhao

7/17/2013  
Date

STATE OF Ky }  
COUNTY OF Boone } ss.

On this 17 day of July, 2013, appeared before me Xinyu Zhao, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

[Signature]  
NOTARY PUBLIC FOR: [Signature]  
MY COMMISSION EXPIRES: 3-12-15



Notary /Witness Signature

[Signature]  
Joseph Grenci

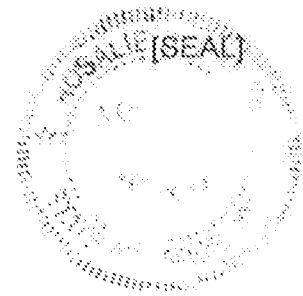
July 17, 2013  
Date

STATE OF Ky )  
COUNTY OF Boone ) ss.

On this 17 day of July, 2013, appeared before me Joseph Grenci, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

[Signature]  
NOTARY PUBLIC FOR: Account

MY COMMISSION EXPIRES: 3-12-15



Notary/Witness Signature

[Signature]  
Christopher McGrady

6/19/2013  
Date

STATE OF Virginia )  
COUNTY OF Giles ) ss.

On this 19th day of June, 2013, appeared before me Christopher McGrady, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

Cynthia H. Parr  
NOTARY PUBLIC FOR: \_\_\_\_\_

[SEAL]

MY COMMISSION EXPIRES: 1/31/2016

Cynthia H. Parr  
Notary/Witness Signature

