

## 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>XIAOLIANG ZHENG</td> <td>03/30/2012</td> </tr> <tr> <td>DONG ZHANG</td> <td>03/30/2012</td> </tr> <tr> <td>JIAOKAI JING</td> <td>03/30/2012</td> </tr> <tr> <td>FRANK W. HARRIS</td> <td>03/30/2012</td> </tr> </tbody> </table> |                              | Name          | Execution Date | XIAOLIANG ZHENG     | 03/30/2012 | DONG ZHANG | 03/30/2012 | JIAOKAI JING | 03/30/2012 | FRANK W. HARRIS | 03/30/2012 |
| Name   | Execution Date               |               |                |                     |            |            |            |              |            |                 |            |
| XIAOLIANG ZHENG  | 03/30/2012                   |               |                |                     |            |            |            |              |            |                 |            |
| DONG ZHANG   | 03/30/2012                   |               |                |                     |            |            |            |              |            |                 |            |
| JIAOKAI JING   | 03/30/2012                   |               |                |                     |            |            |            |              |            |                 |            |
| FRANK W. HARRIS  | 03/30/2012                   |               |                |                     |            |            |            |              |            |                 |            |
| RECEIVING PARTY DATA   |                              |               |                |                     |            |            |            |              |            |                 |            |
| Name:  | AKRON POLYMER SYSTEMS, INC.  |               |                |                     |            |            |            |              |            |                 |            |
| Street Address:  | 62 N. SUMMIT ST.             |               |                |                     |            |            |            |              |            |                 |            |
| City:  | AKRON                        |               |                |                     |            |            |            |              |            |                 |            |
| State/Country:   | OHIO                         |               |                |                     |            |            |            |              |            |                 |            |
| Postal Code:   | 44308                        |               |                |                     |            |            |            |              |            |                 |            |
| 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>13372621</td> </tr> </tbody> </table>  |                              | Property Type | Number         | Application Number: | 13372621   |            |            |              |            |                 |            |
| Property Type  | Number                       |               |                |                     |            |            |            |              |            |                 |            |
| Application Number:  | 13372621                     |               |                |                     |            |            |            |              |            |                 |            |
| CORRESPONDENCE DATA  |                              |               |                |                     |            |            |            |              |            |                 |            |
| Fax Number:  | (330)434-8888                |               |                |                     |            |            |            |              |            |                 |            |
| Phone:   | 330.434.9999                 |               |                |                     |            |            |            |              |            |                 |            |
| Email:   | iplaw@etblaw.com             |               |                |                     |            |            |            |              |            |                 |            |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>  |                              |               |                |                     |            |            |            |              |            |                 |            |
| Correspondent Name:  | Daniel A. Thomson            |               |                |                     |            |            |            |              |            |                 |            |
| Address Line 1:  | 1914 Akron-Peninsula Road    |               |                |                     |            |            |            |              |            |                 |            |
| Address Line 2:  | Emerson Thomson Bennett, LLC |               |                |                     |            |            |            |              |            |                 |            |
| Address Line 4:  | Akron, OHIO 44313-4810       |               |                |                     |            |            |            |              |            |                 |            |
| ATTORNEY DOCKET NUMBER:  | 40057.50019                  |               |                |                     |            |            |            |              |            |                 |            |
| NAME OF SUBMITTER:   | Daniel A. Thomson            |               |                |                     |            |            |            |              |            |                 |            |
| Total Attachments: 3<br>source=40057_50019_AP_Assignment_2012#page1.tif<br>source=40057_50019_AP_Assignment_2012#page2.tif<br>source=40057_50019_AP_Assignment_2012#page3.tif  |                              |               |                |                     |            |            |            |              |            |                 |            |

CH \$40.00 13372621

Docket No.: 40057.50019  
Application No.: 13/372,621  
Filed Date: February 14, 2012

**ASSIGNMENT**

WHEREAS, we,

|                        |  |
|------------------------|--|
| <b>XIAOLIANG ZHENG</b> | 6006 Nicholson Drive<br>Hudson, OH 44236       |
| <b>DONG ZHANG</b>      | 1380 Walnut Ridge Drive<br>Uniontown, OH 44685 |
| <b>JIAOKAI JING</b>    | 3846 Kenway Blvd.<br>Uniontown, OH 44685       |
| <b>FRANK W. HARRIS</b> | 872 Coventry Street<br>Boca Raton, FL 33487    |

have invented certain improvements in **METHOD FOR THE PREPARATION OF STYRENIC FLUOROPOLYMERS**, and described in a patent application filed the 14<sup>th</sup> day of **February 2012**, by the undersigned for filing in The United States of America, being owners of all right, title, and interest in and to said application and in and to any invention described therein and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, **AKRON POLYMER SYSTEMS, INC.**, of 2990 Gilchrist Road, Akron, OH 44305, a corporation in Ohio (assignee) is desirous of acquiring the entire right, title, and interest in and to said application and said invention described therein and any and all patents to be obtained therefore, all as hereinafter set forth:

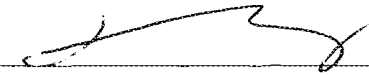
NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned, the undersigned do hereby sell, assign, transfer, and set over unto said assignee, its successors, and assigns, the entire right, title, and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned further agrees to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to themselves, which the assignee may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

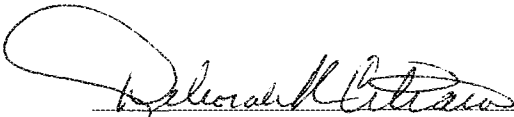
- (1) Prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by the assignee to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;
- (2) To co-operate to the best of our ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification or infringement proceedings involving the said invention or improvement, applications, or patents or any of them.

The undersigned hereby authorizes said assignee to insert in this Assignment the serial number and filing date of the above-identified application when known.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.

  
XIAOLIANG ZHENG, 3-30, 2012  
Date

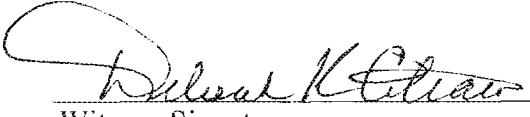
Deborah K. Citraro  
Witness (Print Name)

  
Witness Signature, 3/30, 2012  
Date


IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.

  
DONG ZHANG, 03/30, 2012  
Date

Deborah K. Citraro  
Witness (Print Name)

  
Witness Signature, 3/30, 2012  
Date

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.

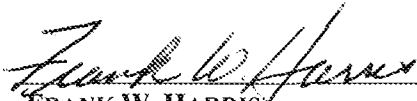
  
\_\_\_\_\_  
JIAOKAI JING Date 03/30, 2012

Deborah K. Citraro  
Witness (Print Name)

  
\_\_\_\_\_  
Witness Signature Date 3/30, 2012

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IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.

  
\_\_\_\_\_  
FRANK W. HARRIS Date 3/30, 2012

Deborah K. Citraro  
Witness (Print Name)

  
\_\_\_\_\_  
Witness Signature Date 3/30, 2012

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