

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	CHANGE OF NAME										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John A. Spevacek</td> <td>09/05/2012</td> </tr> <tr> <td>Roger Pearson</td> <td>09/05/2012</td> </tr> <tr> <td>Kenneth W. Richards</td> <td>09/05/2012</td> </tr> <tr> <td>Kenneth D. Zigrino</td> <td>09/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	John A. Spevacek	09/05/2012	Roger Pearson	09/05/2012	Kenneth W. Richards	09/05/2012	Kenneth D. Zigrino	09/05/2012
Name	Execution Date										
John A. Spevacek	09/05/2012										
Roger Pearson	09/05/2012										
Kenneth W. Richards	09/05/2012										
Kenneth D. Zigrino	09/05/2012										
RECEIVING PARTY DATA											
Name:	ASPEN RESEARCH CORPORATION										
Street Address:	8401 Jefferson Highway										
City:	Maple Grove										
State/Country:	MINNESOTA										
Postal Code:	55369										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012053475</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012053475						
Property Type	Number										
PCT Number:	US2012053475										
CORRESPONDENCE DATA											
Fax Number:	6124553801										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	6124553800										
Email:	adoyle@hsml.com										
Correspondent Name:	Hamre, Schumann, Mueller & Larson, P.C.										
Address Line 1:	P.O. Box 2902										
Address Line 4:	Minneapolis, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	20347.0020WOU1										
NAME OF SUBMITTER:	Amol H. Kavathekar										
Total Attachments: 4 source=Assignment20#page1.tif source=Assignment20#page2.tif source=Assignment20#page3.tif source=Assignment20#page4.tif											

CH \$40.00 US2012053475

**ASSIGNMENT**

WHEREAS, we, JOHN A. SPEVACEK, residing at 3595 Rae Lane, Woodbury MN 55125, ROGER PEARSON, residing at 4012 Vincent Ave. S., Minneapolis, MN 55410, KENNETH W. RICHARDS, residing at 2749 Terraceview Lane, Plymouth, MN 55347, and KENNETH D. ZIGRINO, residing at 12480 Cockspur Court, Eden Prairie, MN 55347, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on September 1, 2011, application Serial No. 61/530012 which is entitled METHODS AND SYSTEMS OF GRAFT POLYMERIZATION ON A FUNCTIONALIZED SUBSTRATE and September 1, 2011, application Serial No. 61/530016 which is entitled METHODS AND SYSTEMS TO PREPARE FUNCTIONALIZED SUBSTRATE FROM DISULFIDE BOND-CONTAINING MATERIAL.

AND WHEREAS, **ASPEN RESEARCH CORPORATION**, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 8401 Jefferson Highway, Maple Grove MN 55369 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

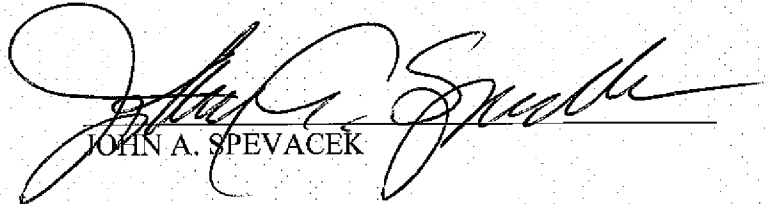
NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any

and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

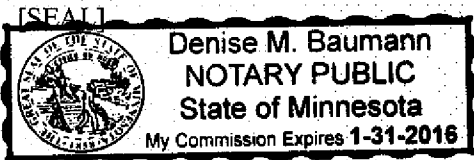
AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.


IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of September, 2012.

  
JOHN A. SPEVACEK

STATE OF Minnesota )  
COUNTY OF Hennepin ) ss.

On this 5<sup>th</sup> day of September 20 12, before me personally appeared JOHN A. SPEVACEK to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



  
Notary Public



