

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|  |   |
|--|---|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                              |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                                  |
| <b>CONVEYING PARTY DATA</b>  |   |
| Name   | Execution Date                              |
| Virginia Polytechnic Institute and State University  | 01/14/2002                                  |
| <b>RECEIVING PARTY DATA</b>  |   |
| Name:  | Virginia Tech Intellectual Properties, Inc. |
| Street Address:  | 2200 Kraft Drive, Suite 1050                |
| City:  | Blacksburg                                  |
| State/Country:   | VIRGINIA                                    |
| Postal Code:   | 24060                                       |
| <b>PROPERTY NUMBERS Total: 2</b>   |   |
| Property Type  | Number                                      |
| Application Number:  | 12035087                                    |
| Application Number:  | 12845874                                    |
| <b>CORRESPONDENCE DATA</b>   |   |
| Fax Number:  | (540)951-5292                               |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                           |   |
| Phone:   | (540) 951-9374                              |
| Email:   | vtippatents@vtip.org                        |
| Correspondent Name:  | Virginia Tech Intellectual Properties       |
| Address Line 1:  | 2200 Kraft Drive, Suite 1050                |
| Address Line 4:  | Blacksburg, VIRGINIA 24060                  |
| ATTORNEY DOCKET NUMBER:  | VTIP 01-076                                 |
| NAME OF SUBMITTER:   | Mark S. Coburn                              |
| Total Attachments: 2<br>source=01.076 Assign VT to VTIP#page1.tif<br>source=01.076 Assign VT to VTIP#page2.tif |   |

OP \$80.00 12035087

**ASSIGNMENT**

**WHEREAS**, Virginia Polytechnic Institute and State University, (hereinafter referred to as **ASSIGNOR**), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at Blacksburg, Virginia, is the owner of the entire right, title and interest in and to application for United States Letters Patent, filed on September 20, 2001 as Application Serial Number 09/956, 256, in the names of James E. McGrath, Michael Hickner, Feng Wang and Yu-Seung Kim for ION-CONDUCTING SULFONATE POLYMERIC MATERIALS and of the invention therein described; and

**WHEREAS**, Virginia Tech Intellectual Properties, Inc. (hereinafter referred to as **ASSIGNEE**), a non-stock corporation organized under the laws of the Commonwealth of Virginia and having a principal place of business at 1872 Pratt Drive, Blacksburg, Virginia 24060, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that in consideration of the payment by **ASSIGNEE** to **ASSIGNOR** of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNOR** hereby sells, assigns and transfers to **ASSIGNEE**, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to **ASSIGNEE**, its lawful successors and assigns.


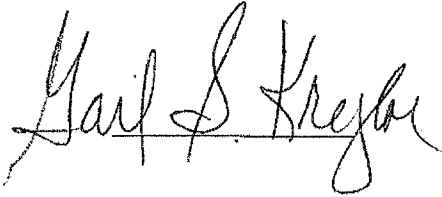
**ASSIGNOR** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

**ASSIGNOR** further covenants that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to **ASSIGNOR** and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, ASSIGNOR has caused the hand of its proper office to be subscribed hereto this 14<sup>th</sup> day of January, 2002

Witnessed by:

VIRGINIA POLYTECHNIC INSTITUTE  
AND STATE UNIVERSITY

  
By: Minnis E. Ridenour  
Chief Operating Officer