

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2683518

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>DONALD CROPEK</td> <td>01/03/2014</td> </tr> <tr> <td>IMEE ARCIBAL</td> <td>09/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	DONALD CROPEK	01/03/2014	IMEE ARCIBAL	09/04/2013				
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<table border="1"> <tr> <td>Name:</td> <td>SECRETARY OF THE ARMY, U.S. ARMY CORPS OF ENGINEERS</td> </tr> <tr> <td>Street Address:</td> <td>7701 TELEGRAPH ROAD, ATTN: CEHEC-OC</td> </tr> <tr> <td>City:</td> <td>ALEXANDRIA</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>22315</td> </tr> </table>		Name:	SECRETARY OF THE ARMY, U.S. ARMY CORPS OF ENGINEERS	Street Address:	7701 TELEGRAPH ROAD, ATTN: CEHEC-OC	City:	ALEXANDRIA	State/Country:	VIRGINIA	Postal Code:	22315
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PROPERTY NUMBERS Total: 2											
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Application Number:	61749579										
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CORRESPONDENCE DATA											
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	222104-1120										
NAME OF SUBMITTER:	CHRISTOPHER B. LINDER										
Signature:	/CBL/										

Date:

01/15/2014

Total Attachments: 4

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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Donald Cropek	706 Foley Avenue, Champaign, IL 61820
Imee Arcibal	1705 Gentry Square Lane, Apt. 206, Champaign, IL 61821

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**MULTILAYER HYDROGELS WITH pH-RESPONSIVE SWELLING
AND SURFACE WETTABILITY,**

which was:

- ☐ executed on even date herewith,
- ☒ filed with the United States Patent and Trademark Office (USPTO) on March 13, 2013, and assigned Serial No. 13/798,870, and
- ☒ further described in U.S. Provisional application entitled **Highly Swellable Ultrathin Multilayer Hydrogels of Poly(4-Vinylpyridine) with ph-Triggered Swelling and Surface Wettability**, filed with the USPTO on January 7, 2013, and assigned Serial No. 61/749,579.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS the The United States as Represented by the Secretary of the Army, having a business at U.S. Army Corps of Engineers(r), 7701 Telegraph Road, Attn: CEHEC-OC, Alexandria, VA 22315, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and

transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.



Donald Cropek

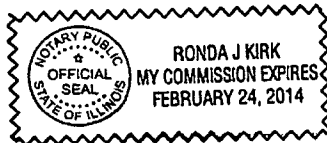
Date: 1/3/14

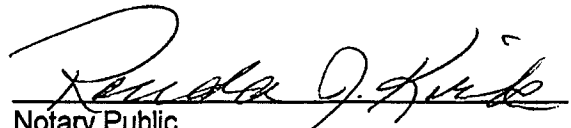
United States of America

State of ILLINOIS

County of CHAMPAIGN

On this 3rd day of JANUARY, 2014, before me personally came
Donald Cropek to me known to be the individual described above and who executed the
foregoing instrument, or acknowledged execution of the same.





Notary Public

February 24, 2014
My Commission Expires (Date)

Imee Arcibal
Imee Arcibal

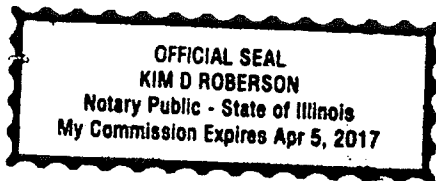
Date: 04 September 2013

United States of America

State of Illinois

County of Champaign

On this 4th day of September, 2013, before me personally came Imee Arcibal to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Kim D. Roberson
Notary Public

April 5, 2017
My Commission Expires (Date)