

PATENT ASSIGNMENT

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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>Trevor Pearson</td> <td>10/11/2012</td> </tr> <tr> <td>Terence Clarke</td> <td>10/11/2012</td> </tr> <tr> <td>Roshan V. Chapaneri</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Trevor Pearson	10/11/2012	Terence Clarke	10/11/2012	Roshan V. Chapaneri	10/29/2012		
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<table border="1"> <tr> <td>Name:</td> <td>MacDermid Acumen, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>245 Freight Street</td> </tr> <tr> <td>City:</td> <td>Waterbury</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06702</td> </tr> </table>		Name:	MacDermid Acumen, Inc.	Street Address:	245 Freight Street	City:	Waterbury	State/Country:	CONNECTICUT	Postal Code:	06702
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CORRESPONDENCE DATA											
<p>Fax Number: 2035752600 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (203) 578-4229 Email: lfreed@carmodylaw.com Correspondent Name: John L. Cordani Address Line 1: 50 Leavenworth Street Address Line 2: P.O. Box 1110 Address Line 4: Waterbury, CONNECTICUT 06721-1110</p>											
ATTORNEY DOCKET NUMBER:	2156-685B										
NAME OF SUBMITTER:	Linda M. Freed										
<p>Total Attachments: 3 source=2156-685Bassign_20121116135946#page1.tif source=2156-685Bassign_20121116135946#page2.tif source=2156-685Bassign_20121116135946#page3.tif</p>											

CH \$40.00 13677798

ASSIGNMENT

WHEREAS, we,

TREVOR PEARSON, residing at 8, Cricketers Meadow, Cradley Heath, West Midlands B64 7HR, United Kingdom; **TERENCE CLARKE**, residing at 1 Wergs Drive, Tettenhall, Wolverhampton WV6 8TZ, United Kingdom; and **ROSHAN V. CHAPANERI**, residing at 117 Churchill Avenue, Foleshill, Coventry CV6 5JH, United Kingdom, having made an invention entitled ELECTROLYTIC GENERATION OF MANGANESE (III) IONS IN STRONG SULFURIC ACID USING AN IMPROVED ANODE, Attorney Docket No. 2156-685B, an application for which a patent of The United States of America is being executed concurrently herewith; or

We hereby authorize and request our attorney, John L. Cordani of Carmody & Torrance LLP, 50 Leavenworth Street, P.O. Box 1110, Waterbury, CT 06721-1110 to insert the filing date and application number of said application when known in the spaces provided below:

Filing Date:

U.S. Serial Application No.:

11/15/2012
13/677,798

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto the **MacDermid Acumen, Inc.**, a Delaware corporation, having an office and place of business at 245 Freight Street, Waterbury, Connecticut 06702, U.S., its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any division, continuation or continuation-in-part, of said application, and in and to any and all patents and reissues and extensions thereof, of The United States of America and countries foreign thereto (including the right to apply for patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or

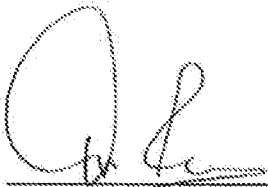
{W2160003}

otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors and administrators to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said **MacDermid Acumen, Inc.**, its successors, assigns, and nominees, fully to secure its interest as aforesaid and to obtain or maintain patents in any and all countries;

And we do hereby authorize and request the Commissioner for Patents to issue any and all patents which may be granted upon any of the said applications, to the said **MacDermid Acumen, Inc.**, as the assignee of the entire interest therein.

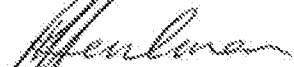
IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.



TREVOR PEARSON

11th Oct 2012
Date

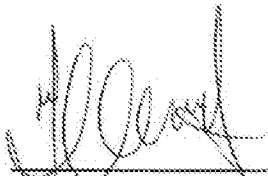
SIGNED IN THE PRESENCE OF WITNESSES:

(1) 
Print Name: ROD HERDMAN

Date: 11th October 2012


(2) Yunki Liu
Print Name: Yunki Liu

Date: 11th Oct. 2012


TERENCE CLARKE

11th Oct 2012
Date

SIGNED IN THE PRESENCE OF WITNESSES:

(1) 
Print Name: Terence Pearson

Date: 11th OCT 2012

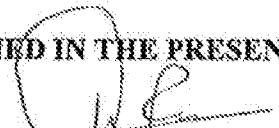
(2) Yunli Liu
Print Name: Yunli Liu

Date: 11th OCT. 2012


ROSHAN V. CHAPANERI

29/10/12.
Date

SIGNED IN THE PRESENCE OF WITNESSES:

(1) 
Print Name: Terence Pearson

Date: 29th OCT. 2012

(2) Yunli Liu
Print Name: Yunli Liu

Date: 29th OCT 2012