

## PATENT ASSIGNMENT COVER SHEET

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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>PAUL J. ROTHMAN</td> <td>12/18/2013</td> </tr> <tr> <td>MARK R. FERNALD</td> <td>12/18/2013</td> </tr> <tr> <td>FRANCIS K. DIDDEN</td> <td>12/18/2013</td> </tr> <tr> <td>DOUGLAS H. ADAMSON</td> <td>12/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	PAUL J. ROTHMAN	12/18/2013	MARK R. FERNALD	12/18/2013	FRANCIS K. DIDDEN	12/18/2013	DOUGLAS H. ADAMSON	12/30/2013
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DOUGLAS H. ADAMSON	12/30/2013										
RECEIVING PARTY DATA											
Name:	CIDRA CORPORATE SERVICES INC.										
Street Address:	50 BARNES PARK NORTH										
City:	WALLINGFORD										
State/Country:	CONNECTICUT										
Postal Code:	06492										
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>US2012039631</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012039631						
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PCT Number:	US2012039631										
CORRESPONDENCE DATA											
Fax Number:	(203)261-5676										
Phone:	203-261-1234										
Email:	wjb@warefressola.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	WARE, FRESSOLA, MAGUIRE & BARBER LLP										
Address Line 1:	755 MAIN STREET, P.O. BOX 224										
Address Line 2:	BRADFORD GREEN, BUILDING 5										
Address Line 4:	MONROE, CONNECTICUT 06468										
ATTORNEY DOCKET NUMBER:	712-002.385/CCS0092WO										
NAME OF SUBMITTER:	WILLIAM J. BARBER										

Signature:	/William J. BARBER/
Date:	01/27/2014
Total Attachments: 3 source=712-2-385_CCS-0092_PCT_Executed_Assignment_as_filed_27_January_2014#page1.tif source=712-2-385_CCS-0092_PCT_Executed_Assignment_as_filed_27_January_2014#page2.tif source=712-2-385_CCS-0092_PCT_Executed_Assignment_as_filed_27_January_2014#page3.tif	

**ASSIGNMENT AND AGREEMENT**

**FOR VALUE RECEIVED, I/We, Paul J. ROTHMAN**, a citizen of United States, and residing at 162 Carriage Way, Windsor, CT 06095, USA, and **Mark R. FERNALD**, a citizen of the United States of America, residing at 35 Tyler Road, Enfield, CT 06082, USA, and **Francis K. DIDDEN**, a citizen of United States of America, and residing at 32 Mapleview Road, Wallingford, CT 06492, USA, and **Douglas H. ADAMSON**, a citizen of United States of America, and residing at 7 Jackson Lane, Mansfield Center, CT 06250, USA, hereby sell, assign and transfer to **CiDRA Corporate Services Inc.**, a corporation duly organized and existing under the laws of Delaware, and having a principal place of business at 50 Barnes Park North, Wallingford, Connecticut 06492, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in an **“MINERAL SEPARATION USING FUNCTIONALIZED FILTERS AND MEMBRANES”** which is described in an application having International Application Number PCT/US2012/039631, filed 25 May 2012, claiming benefit of U.S. Provisional Patent Application No. 61/489,893, filed 25 May 2011, and U.S. Provisional Patent Application No. 61/533,544, filed 12 September 2011, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I/We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

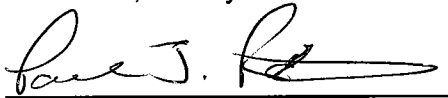
I/We agree that, when requested, I/we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I/We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

I/We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

I/We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/We have full right to convey the same as herein expressed.

Signed at Wallingford, CT this 18 day of December, in the year 2013.

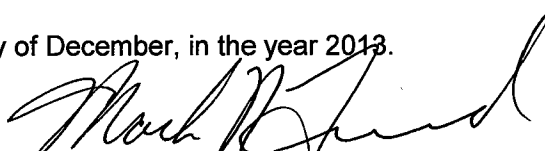
  
Paul J. ROTHMAN

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Frances Deppa Date 12/18/13

Witness Patricia Allen Date 12/18/13

Signed at Wallingford, CT this 18 day of December, in the year 2013.

  
Mark R. FERNALD

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

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Witness Patricia Allen Date 12/18/13

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Signed at Wallingford, CT this 18 day of December, in the year 2013.

  
\_\_\_\_\_  
Francis K. DIDDEN

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Frances Dippard Date 12/18/13

Witness Plumley Date 12/18/13

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Signed at Storrs, CT this 30 day of December, in the year 2013.

  
\_\_\_\_\_  
Douglas H. ADAMSON

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Ed P Date 12/30/13

Witness M V Date 12/30/13

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