

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>HUANGPIN B. HSIEH</td> <td>12/18/2013</td> </tr> <tr> <td>FRANCISCO E. TORRES</td> <td>12/18/2013</td> </tr> <tr> <td>CORY D. LANCASTER</td> <td>12/18/2013</td> </tr> <tr> <td>ARMIN R. VOLKEL</td> <td>12/18/2013</td> </tr> <tr> <td>ASHUTOSH KOLE</td> <td>12/18/2013</td> </tr> <tr> <td>KAI MELDE</td> <td>12/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	HUANGPIN B. HSIEH	12/18/2013	FRANCISCO E. TORRES	12/18/2013	CORY D. LANCASTER	12/18/2013	ARMIN R. VOLKEL	12/18/2013	ASHUTOSH KOLE	12/18/2013	KAI MELDE	12/19/2013
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<table border="1"> <tr> <td>Name:</td> <td>PALO ALTO RESEARCH CENTER INCORPORATED</td> </tr> <tr> <td>Street Address:</td> <td>3333 COYOTE HILL ROAD</td> </tr> <tr> <td>City:</td> <td>PAL ALTO</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94304</td> </tr> </table>		Name:	PALO ALTO RESEARCH CENTER INCORPORATED	Street Address:	3333 COYOTE HILL ROAD	City:	PAL ALTO	State/Country:	CALIFORNIA	Postal Code:	94304				
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Application Number:	14136461														
CORRESPONDENCE DATA															
Fax Number:	(216)363-9001														
Phone:	216-363-9000														
Email:	USPTO@FAYSHARPE.COM														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	FAY SHARPE LLP / XEROX - PARC														
Address Line 1:	1228 EUCLID AVENUE, 5TH FLOOR														
Address Line 2:	THE HALLE BUILDING														
Address Line 4:	CLEVELAND, OHIO 44115														
ATTORNEY DOCKET NUMBER:	20130737US01-XER3055US01														

NAME OF SUBMITTER:	MARK S. SVAT
Signature:	/Mark S. Svat/
Date:	12/20/2013
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ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled RECYCLING ACTIVATED SLUDGE BY HYDRODYNAMIC SEPERATOR (HDS) TO ENABLE HIGH MLSS BIOREACTOR TO PROCESS HIGH INFLUENT FLOW AND/OR HIGH STRENGTH WASTEWATER (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

- ☒ is being executed concurrently herewith,
☐ was first executed on _____
☐ was filed on _____ as Application Number _____
☐ claims the benefit of U.S. Provisional Application(s) No(s) _____ filed _____

Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.


Huangpin B. Hsieh

12/18/2013
DATE

Francisco E. Torres

DATE

Cory D. Lancaster

DATE

Armin R. Volkel

DATE

Ashutosh Kole

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Kai Melde

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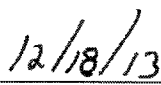
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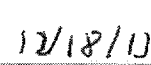
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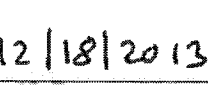

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