PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3897531

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| MICHAEL S. BEGLEY | 05/31/2016 |
| THOMAS ANTHONY PECORARO | 05/31/2016 |

RECEIVING PARTY DATA

| Name: | VEOLIA WATER TECHNOLOGIES, INC. |
|-------------------|---------------------------------|
| Street Address: | AIRSIDE BUSINESS PARK |
| Internal Address: | 250 AIRSIDE DRIVE |
| City: | MOON TOWNSHIP |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 15108 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15165332 |

CORRESPONDENCE DATA

Fax Number: (919)854-2084

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919-854-1844

Email: uspto-assignments@coatsandbennett.com.

vhawkins@coatsandbennett.com

Correspondent Name: COATS & BENNETT, PLLC

Address Line 1: 1400 CRESCENT GREEN, SUITE 300 Address Line 4: CARY, NORTH CAROLINA 27518

ATTORNEY DOCKET NUMBER: 6900-101

NAME OF SUBMITTER: LARRY L. COATS

SIGNATURE: /Larry L. Coats/

DATE SIGNED: 06/01/2016

Total Attachments: 1

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PATENT REEL: 038763 FRAME: 0178

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Client Ref. No.: VWS-HPD049-US-NP Coats & Bennett Ref. No.: 6900-101

ASSIGNMENT

For good and valuable consideration, I/we

Michael S. Begley, a citizen of United States, residing at 5232 Lincoln Avenue Lisle, IL 60532

Thomas Anthony Pecoraro, a citizen of United States, residing at 60 North James Street, Apt. 5 Plainfield, IL 60544

hereby assign to Veolia Water Technologies, Inc. (the "Company"), having its principal place of business at

Airside Business Park 250 Airside Drive Moon Township, PA 15108-2793

the entire right, title, and interest in and to the Method of Recovering Pulping Chemicals from Dissolved Ash Having a High Carbonate Content which is/are disclosed in, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

| COUNTRY | APPLICATION NO. | FILING DATE |
|---------|-----------------|--------------|
| US | 15/165332 | May 26, 2016 |
| | | |
| | 0.0.00000 | |

and for any and all patents and patent applications therefore in any and all countries, and pursuant to all multilateral treaty organizations, including the Patent Cooperation Treaty and European Patent Convention, including without limitation, continuations, continuations in-part, divisionals, reissues, and extensions thereof, and all rights of priority resulting from the filing of said application(s) to be held and enjoyed by the Company, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by me/us if this Assignment had not been made.

I hereby authorize and request the attorneys at Coats & Bennett, PLLC, 1400 Crescent Green, Cary, North Carolina 27518, to insert the filing date(s) and application number(s) in the aboveindicated spaces when known.

5/31/2016 e 5/31/2016

Thomas Anthony Pecoraro

PATENT REEL: 038763 FRAME: 0179

RECORDED: 06/01/2016