

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2816851

|                                                                                                                       |                                                                        |                       |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                               | NEW ASSIGNMENT                                                         |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                          | ASSIGNMENT                                                             |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                           |                                                                        |                       |
| <b>Name</b>                                                                                                           |                                                                        | <b>Execution Date</b> |
| JOHN EWING                                                                                                            |                                                                        | 04/14/2010            |
| <b>RECEIVING PARTY DATA</b>                                                                                           |                                                                        |                       |
| <b>Name:</b>                                                                                                          | VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT                          |                       |
| <b>Street Address:</b>                                                                                                | IMMEUBLE L'AQUARENE                                                    |                       |
| <b>Internal Address:</b>                                                                                              | 1 PLACE MONTGOLFIER                                                    |                       |
| <b>City:</b>                                                                                                          | SAINT-MAURICE                                                          |                       |
| <b>State/Country:</b>                                                                                                 | FRANCE                                                                 |                       |
| <b>Postal Code:</b>                                                                                                   | 94417                                                                  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                      |                                                                        |                       |
| <b>Property Type</b>                                                                                                  | <b>Number</b>                                                          |                       |
| <b>Application Number:</b>                                                                                            | 13674294                                                               |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                            |                                                                        |                       |
| <b>Fax Number:</b>                                                                                                    | (919)854-2084                                                          |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> |                                                                        |                       |
| <b>Phone:</b>                                                                                                         | 9198541844                                                             |                       |
| <b>Email:</b>                                                                                                         | uspto-assignments@coatsandbennett.com,<br>vhawkins@coatsandbennett.com |                       |
| <b>Correspondent Name:</b>                                                                                            | COATS AND BENNETT PLLC                                                 |                       |
| <b>Address Line 1:</b>                                                                                                | 1400 CRESCENT GREEN                                                    |                       |
| <b>Address Line 2:</b>                                                                                                | SUITE 300                                                              |                       |
| <b>Address Line 4:</b>                                                                                                | CARY, NORTH CAROLINA 27518                                             |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                        | 6460-217                                                               |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                             | LARRY L. COATS                                                         |                       |
| <b>SIGNATURE:</b>                                                                                                     | /Larry L. Coats/                                                       |                       |
| <b>DATE SIGNED:</b>                                                                                                   | 04/16/2014                                                             |                       |
| <b>Total Attachments: 7</b>                                                                                           |                                                                        |                       |
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PATENT

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ASSIGNMENT

For good and valuable consideration,

John Ewing, a citizen of United States, residing at  
2500 Broadway  
Camden, NJ 08104

hereby assign(s) to OTV SA, having its principal place of business at  
L'Aquarène - 1, place Montgolfier  
94417 Saint-Maurice Cedex  
France

the entire right, title, and interest in and to the **ANAEROBIC DIGESTER-MEMBRANE BIOREACTOR FOR TREATING A WASTE STREAM**, which is disclosed in U. S. Patent Application Serial Number 129760168 filed on 4/14/2010 and for any and all patents granted therefore, in any and all countries, including continuations, continuations-in-part, divisionals, reissues and extensions thereof, and all rights of priority resulting from the filing of said U.S. application to be held and enjoyed by **OTV SA**, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by John Ewing had this assignment not been made.

I hereby authorize and request my representative, **Larry L. Coats**, of Coats and Bennett, PLLC, 1400 Crescent Green, Suite 300, Cary, North Carolina, 27518 to insert the filing date and application serial number in the above indicated spaces when known,

Date

4-14-2010

John Ewing

John D Ewing

**DECLARATION OF MODIFICATION**

MINUTES OF THE REGISTRY OF THE CRETEL TRADE COURT

LEGAL ENTITY 019 B 3 3 9 9

No. 11682391

1/10/60/11/80

☒ Denomination, legal form, capital  
☒ Declaration relating to an establishment: (opening, modification, transfer, offering for management leasing, closure)  
☐ Resuming activities

☐ Transfer of head office  
☐ Complete stoppage of activity without disappearance of the legal entity  
☐ Other

☐ CRE - CREB

**FILL IN IN ANY CASE all of the boxes Nos. 1, 2, 17, 18 AND THE NEW OR AMENDED MENTIONS by indicating the date of the event**

**REMINDEUR OF THE IDENTIFICATION PRIOR TO MODIFICATION**

Denomination / Sign: OTI SA  
 Legal Form: SA (to be filled in for companies)  
 Head office or 1st Establishment in France for foreign companies:  
 Building, no., Immeuble L'Aqueduc - 1 Place Montgolfier  
 Postal Code 94410 District SAINT MAURICE

**DECLARATION RELATIVE TO THE MODIFICATION OF THE LEGAL ENTITY**

5 06.30.2010 ☐ Merger ☒ Partial transfer of assets This operation results in ☐ an increase of capital  
 Legal entities having participated in the operation: CRETEL 509 679 598 COMPAGNIE LOCALE  
D'INVESTISSEMENT ET DE GESTION 13 which has become OTI SA SANU which becomes SA Immeuble  
L'Aqueduc - 1 Place Montgolfier 94410 SAINT MAURICE

6 ☐ Disposition  
 Indicate the liquidator in box 15. In the event of a closure of establishment, fill in box 9  
 Name of the Official Gazette: \_\_\_\_\_ Publishing date: \_\_\_\_\_  
 Liquidation address: ☐ head office ☐ address of the liquidator ☐ other: \_\_\_\_\_  
 Continuation on form 1A

**DECLARATION RELATIVE TO AN ESTABLISHMENT**

7 This application concerns ☐ AN OPENING ☒ A MODIFICATION ☐ A TRANSFER ☐ AN OFFERING FOR MANAGEMENT LEASING ☐ A CLOSURE

Date: \_\_\_\_\_

8 ☐ FORMER: ESTABLISHMENT: ☐ Head office ☐ Main establishment  
☐ Head office - Main establishment ☐ Secondary establishment ☐ Past establishment in France of a foreign company  
 Address: Building no., \_\_\_\_\_  
 Postal Code \_\_\_\_\_ District \_\_\_\_\_

**MODIFIED OR FOUNDED ESTABLISHMENT**

9 ☐ Address: Building no., Immeuble L'Aqueduc - 1 Place Montgolfier  
 Postal Code 94410 District SAINT MAURICE  
☐ Domiciliation contract: Name of paying agent \_\_\_\_\_ Sole Identification No. \_\_\_\_\_

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>10</b> 06.30.2010 ACTIVITY: <input checked="" type="checkbox"/> sedentary <input type="checkbox"/> non sedentary / <input type="checkbox"/> traveling</p> <p>Activities exercised: <i>Teaching and holding of direct or indirect participations in any firms, in particular 0201020103 or 0201020104 (Continuation: Observational)</i></p> <p>Among such activities, indicate the most important one</p> <p>For each activity, specify the nature thereof by checking only one box:</p> <p>Its nature: <input type="checkbox"/> Retail trade <input type="checkbox"/> Transportation <input checked="" type="checkbox"/> Service provision <input type="checkbox"/> Transport-export</p> <p><input type="checkbox"/> Wholesale trade or trade intermediate <input type="checkbox"/> Manufacture, production <input type="checkbox"/> The professions</p> <p><input type="checkbox"/> Rent of furnished flats <input type="checkbox"/> Assembly, installation <input type="checkbox"/> Repair</p> <p><input type="checkbox"/> Building construction, public works <input type="checkbox"/> Extraction <input type="checkbox"/> Other</p> <p>Its place of exercise: <input type="checkbox"/> Shop (surface: m<sup>2</sup>) <input checked="" type="checkbox"/> Office, firm <input type="checkbox"/> On markets</p> <p><input type="checkbox"/> To customers <input type="checkbox"/> Factory <input type="checkbox"/> Workshop <input type="checkbox"/> Warehouse</p> <p><input type="checkbox"/> On work sites <input type="checkbox"/> Mine, quarry <input type="checkbox"/> Other</p> <p>The main activity of this establishment becomes the main activity of the company <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>In case of modification of the activity, it results from the:</p> <p><input type="checkbox"/> Addition of an activity <input type="checkbox"/> Partial deletion of an activity <input type="checkbox"/> Disappearance <input type="checkbox"/> Size <input type="checkbox"/> Taking over by the owner <input type="checkbox"/> Other</p> <p>Sign: _____</p> | <p><b>11</b> ORIGIN FOR A BUSINESS:</p> <p><input type="checkbox"/> Foundation, go directly to the following box</p> <p><input type="checkbox"/> Purchase <input type="checkbox"/> Taking in management: leasing <input type="checkbox"/> Other</p> <p>Previous owner: Sole identification No. _____</p> <p>Birth name / Denomination: _____ First names: _____</p> <p>Name in use: _____</p> <p>Purchase, contribution: Official Gazette, publishing date: _____</p> <p>Name of Gazette: _____ to _____</p> <p>Management: leasing: contract dated as of _____ <input type="checkbox"/> no</p> <p>Renewal by tacit renewal <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Lease of the business: <i>if different from the previous owner</i></p> <p>Birth name / Denomination: _____ First names: _____</p> <p>Name in use: _____</p> <p>Domicile / Head Office: _____ District: _____</p> <p>Postal Code: _____</p> | <p><b>12</b> SALARIED STAFF of the establishment founded: _____ hiring date of the first salaried employee: _____</p> <p>Total amount of salaried staff of the company 215 of which _____ apprentices _____ multiproducer</p> <p>representatives _____</p> |
| <p><b>BUSINESS GIVEN IN MANAGEMENT-LEASING</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>13</b> OFFERING FOR MANAGEMENT-LEASING: <input type="checkbox"/> The whole business <input type="checkbox"/> A part of the business, which _____</p> <p>Date: _____ Salaried staff present within the establishment: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Address: Building, no. _____ Postal Code: _____ District: _____</p> <p><input type="checkbox"/> Main establishment <input type="checkbox"/> Secondary establishment <input type="checkbox"/> Management-leasing: full name/denomination: _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>FOR THE SARL COMPANY DECLARATION</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>14</b> THE NATURE OF THE MANAGEMENT IS MODIFIED <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, it becomes:</p> <p><input type="checkbox"/> EQUALITARIAN/MINORITY MANAGEMENT <input type="checkbox"/> a company is associated thereto</p> <p><input type="checkbox"/> MAJORITY MANAGEMENT, if the spouse is associated thereto, he/she participates in the activity without being</p> <p>partner <input type="checkbox"/> Yes <input type="checkbox"/> No</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>DECLARATION RELATIVE TO THE DIRECTOR</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>15</b> IN CASE OF DECLARATION OF MODIFICATION 06.30.2010 <input type="checkbox"/> New <input checked="" type="checkbox"/> Departing <i>fill in 15c</i></p> <p><input type="checkbox"/> Modification of personal situation <input type="checkbox"/> Maintained, former capacity</p> <p>CAPACITY: <b>PRESIDENT AND CHIEF EXECUTIVE OFFICER &amp; DIRECTOR</b></p> <p>For business companies, can the interested party commit the company on his own <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Birth name / Denomination: _____</p> <p>Name in use: _____ First names: _____</p> <p>Born on: _____ in: _____ Nationality: _____</p> <p>Domicile, legal form: _____</p> <p>Domicile / Head Office: _____ District: _____</p> <p>Postal Code: _____</p> <p>When a legal entity, Recordal place and No. _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>SUPPLEMENTARY INFORMATION</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>16</b> OBSERVATIONS: continuation from activity: carrying out financial, real estate, industrial, civil or commercial operations.</p> <p>declared APB code: 70102.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>17</b> Correspondence address <input checked="" type="checkbox"/> Declared in box No. 2 <input type="checkbox"/> Other</p> <p>Postal Code: _____ District: _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p><b>18</b> THE LEGAL REPRESENTATIVE Full name/denomination and address</p> <p><input checked="" type="checkbox"/> THE ATTORNEY QUOTIDEN JURIDIQUE - 17 RUE DE LA CHAUSSEE D'ANTIN -</p> <p><input type="checkbox"/> ANOTHER PERSON 75009 PARIS/790 (apartier@le-quotidien-juridique.com)</p> <p>1508461001/Client account: ACCOUNT 70</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| <p>Telephone(s): _____</p> <p>Fax / e-mail: _____</p> <p>SIGNATURE: _____</p> <p>(signed illegible)</p> <p>Sign each sheet separately</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Number of intermediate sheets: 2 / 105 0</p>                                                                                                                                                                                                            |

Recordal entered on the  
Trade and Companies Register  
Of CRETEIL 9401

On **JULY 28, 2010**

Under number: **16747**

The Registrar

FOR CERTIFIED TRUE COPY  
The Registrar  
*[signed illegible]*



[illegible]

Inscription portée au  
Registre du Commerce et des Sociétés  
de CRETEIL 9401

le 28 JUL. 2010

Sous le numéro 16747

Le Greffier

POUR COPIE  
Le 28/07/2010