501906601 05/01/2012

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Jean COLLIN | 05/01/2012 |
| Ryan JONES | 05/01/2012 |
| Joshua LUSZCZ | 04/30/2012 |
| Marc KREIDER | 04/30/2012 |
| Aaron PELLMAN | 05/01/2012 |
| Robert VARRIN JR. | 05/01/2012 |
| David ARGUELLES | 05/01/2012 |

RECEIVING PARTY DATA

| Name: | DOMINION ENGINEERING, INC. | |
|-------------------|----------------------------|--|
| Street Address: | 12100 Sunrise Valley Drive | |
| Internal Address: | Suite 220 | |
| City: | Reston | |
| State/Country: | VIRGINIA | |
| Postal Code: | 20191 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13108627 |

CORRESPONDENCE DATA

Fax Number: (703)770-7901 Phone: 703-770-7900

Email: jennifer.sallee@pillsburylaw.com

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

via US Mail.

Correspondent Name: PILLSBURY WINTHROP SHAW PITTMAN LLP

Address Line 1: P.O. BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

PATENT

REEL: 028137 FRAME: 0142

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| ATTORNEY DOCKET NUMBER: | 030157-0395265 |
|--|--------------------|
| NAME OF SUBMITTER: | Jennifer E. Sallee |
| Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif | |

PATENT REEL: 028137 FRAME: 0143 For: U.S. Rights and Foreign Rights

For: U.S. Application

By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

JEAN COLLIN

13169 Fox Hunt Lane, Apt. 437 Herndon, VA 20171 Nationality: Canada

RYAN JONES

13155 Spring Mill Lane Herndon, VA 20171 Nationality: U.S.A.

JOSHUA LUSZCZ

2337 Chestnut Hill Avenue Falls Church, VA 22043 Nationality: U.S.A.

MARC KREIDER

418 Madison Forest Drive Herndon, VA 20170 Nationality: U.S.A.

AARON PELLMAN

6437 Rock Forest Drive, Apt. 205 Bethesda, MD 20817 Nationality: U.S.A.

ROBERT D. VARRIN, JR.

12182 Chancery Station Circle Reston, VA 20190 Nationality: U.S.A.

DAVID ARGUELLES

2520 Oakhampton Place Herndon, VA 20171 Nationality: U.S.A.

hereby sell, assign and transfer to

ASSIGNEE:

DOMINION ENGINEERING, INC. 12100 Sunrise Valley Drive, Suite 220 Reston, VA 20191

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

LOW-PRESSURE SLUDGE REMOVAL METHOD AND APPARATUS USING COHERENT JET NOZZLES

and which is found in (37 C.F.R. § 3.21) U.S. application no. 13/108,627, filed on May 16, 2011, naming the above inventors for the above-entitled invention and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

| Date: 5/1/2017 | Signature of JEAN COLLIN |
|-------------------|---|
| Date: 5/1/20/2 | Signature of JEAN COLLIN Signature of RYAN JONES |
| 1 1 | Signature of RYAN JONES |
| Date: 4/30/2012 | Signature of JOSHUA LUSZCZ |
| Date: 30-Apr-2012 | Marchaeller Signature of MARC KREIDER |

| Date: | 5/1/2012 | Signature of AARON PELLMAN |
|-------|----------|--|
| Date: | 5/1/2012 | Robet 9 Vary Signature of ROBERT VARRIN, JR. |
| Date: | 5/1/2012 | Signature of DAVID ARGUELLES |

Assignment of Invention-page 3 of 3