

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5100476

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
COVANTA ENVIRONMENTAL SOLUTIONS, LLC	08/21/2018
RECEIVING PARTY DATA	
Name:	BANK OF AMERICA, N.A., AS COLLATERAL AGENT
Street Address:	101 N. TRYON STREET
Internal Address:	NC1-001-05-45
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8328290
CORRESPONDENCE DATA	
Fax Number:	(704)444-8857
<i>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.</i>	
Phone:	7043432000
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Correspondent Name:	TERRY L. WITCHER, PARALEGAL
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Address Line 2:	201 N. TRYON STREET, SUITE 3000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28202
ATTORNEY DOCKET NUMBER:	(2068279-2058)
NAME OF SUBMITTER:	TERRY L. WITCHER, PARALEGAL
SIGNATURE:	/s/ Terry L. Witcher
DATE SIGNED:	08/21/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5	
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GRANT OF
SECURITY INTEREST IN PATENT RIGHTS

THIS GRANT OF SECURITY INTEREST IN PATENT RIGHTS ("Agreement"), effective as of August 21, 2018, is made by COVANTA ENVIRONMENTAL SOLUTIONS, LLC, an Illinois limited liability company, located at 445 South Street, Morristown, New Jersey 07960 ("Grantor") and BANK OF AMERICA, N.A., as collateral agent for the Secured Parties (as herein defined) (together with successors and assigns in such capacity as Collateral Agent, the "Collateral Agent").

W I T N E S S E T H

WHEREAS, pursuant to the Second Amended and Restated Credit and Guaranty Agreement, dated as of August 21, 2018, among Covanta Energy LLC (the "Borrower"), Covanta Holding Corporation, certain subsidiaries of the Borrower, the lenders from time to time parties thereto (the "Lenders") and Bank of America, N.A., as Administrative Agent and Collateral Agent (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), the Lenders have severally agreed to make Loans and other extensions of credit to the Grantor upon the terms and subject to the conditions set forth therein;

WHEREAS, in connection with the Credit Agreement, the Grantor has executed and delivered that certain Amended and Restated Pledge and Security Agreement, dated as of August 21, 2018, in favor of the Collateral Agent for the ratable benefit of the Secured Parties (as amended, restated, supplemented or otherwise modified from time to time, the "Pledge and Security Agreement");

WHEREAS, the Grantor has duly authorized the execution, delivery and performance of this Agreement;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and in order to induce the Lenders to make Loans and other financial accommodations to the Grantor pursuant to the Credit Agreement, the Grantor agrees, for the ratable benefit of the Secured Parties as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms used in this Agreement have the meanings given to them in the Pledge and Security Agreement.

SECTION 2. Grant of Security Interest in Patents. The Grantor hereby pledges and grants to the Collateral Agent, a security interest in and continuing lien on all of Grantor's right, title and interest in, to and under the Patents and Patent Licenses (including without limitation, those items listed on Schedule A hereto).

Notwithstanding anything herein to the contrary, in no event shall the Patents or the Patent Licenses or the security interest granted herein attach to (a) any lease, license, contract, property rights or agreement, and any assets subject to any thereof, to which Grantor is a party or any of its rights or interests thereunder in and for so long as the grant of security interest shall continue or result in (i) the abandonment, invalidation or unenforceability of any right, title or interest of

Grantor therein or (ii) a breach or termination pursuant to the terms of, or a default under, any such lease, license, contract, property rights or agreement (other than to the extent that any such term would be rendered ineffective pursuant to Sections 9-407, 9-408 or 9-409 of the UCC (or any successor provision or provisions) of any relevant jurisdiction or any other applicable law (including the Bankruptcy Code) or principles of equity), provided however that the Patents and Patent Licenses shall include and such security interest shall attach (x) immediately at any time as the condition causing such abandonment, invalidation or unenforceability shall be remedied, (y) immediately at such lease, license, contract, property rights or agreement that does not result in any of the consequences specified in (i) or (ii) above or, to the extent severable, at any such portion of such lease, license, contract, property rights or agreement that does not result in any such consequences, or (z) immediately at any application to register Patents in the United States Patent and Trademark Office (the “PTO”) based upon Grantor’s “intent to use” such Patent (but if the grant of security interest to such intent-to-use Patent violates 15 U.S.C. § 1060(a)) unless and until a “Statement of Use” or “Amendment to Allege Use” is filed in the PTO, at which point the Patents and/or Patent Licenses, as the case may be, shall include, and the security interest granted hereunder shall attach to, such application.

SECTION 3. Purpose and Acknowledgment of Pledge and Security Agreement. This Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the PTO. The security granted to the Collateral Agent for the Secured Parties pursuant to the Pledge and Security Agreement and the Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Patents and Patent Licenses granted hereby are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Pledge and Security Agreement, the provisions of the Pledge and Security Agreement shall control.

SECTION 4. Applicable Law. This Agreement and the rights and obligations of the parties hereunder shall be governed by, and shall be construed and enforced in accordance with, the laws of the State of New York.

SECTION 5. Counterparts. This Agreement may be executed in one or more separable counterparts, each of which when so executed and delivered shall be deemed an original, but all of which together shall constitute one and the same original instrument.

IN WITNESS WHEREOF, the parties hereto have caused this Grant of Security Interest in Patent Rights to be executed and delivered by its duly authorized officer thereunto duly authorized as of the date first above written.

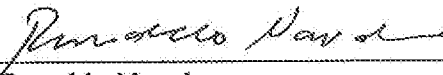
COVANTA ENVIRONMENTAL SOLUTIONS,
LLC

By: 

Name: James E. Reilly

Title: Vice President and Treasurer

BANK OF AMERICA, N.A., as Collateral Agent

By: 
Name: Ronaldo Naval
Title: Vice President

SCHEDULE A

U.S. Patent Registrations and Applications

Patent	Patent Number (Application Number)	Issue Date (Filing Date)
Expanded Size Sludge Vacuum Tanker	8,328,290	12/11/12

Patent Licenses

None.