504576711 10/03/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT SEQUENCE:

CONVEYING PARTY DATA

Name	Execution Date
ERMANNO FILIPPI	01/31/2012
RAFFAELE OSTUNI	01/31/2012

RECEIVING PARTY DATA

Name:	AMMONIA CASALE SA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14444710

CORRESPONDENCE DATA

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Email: kendra.waterman@akerman.com **Correspondent Name:** MARK D. PASSLER, AKERMAN LLP

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ATTORNEY DOCKET NUMBER: 9526-195-1 **NAME OF SUBMITTER:** SARAH E. SMITH **SIGNATURE:** /Sarah E. Smith/ **DATE SIGNED:** 10/02/2017

Total Attachments: 1

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PATENT REEL: 043762 FRAME: 0848 504576711

ASSIGNMENT

WHEREAS, We, Ermanno FILIPPI of Strada di Gandria 73, CH-6976 Castagnola, Switzerland, and Raffaele OSTUNI of Viale E. Stefini 8, I-20125 Milano, Italy, have made certain inventions which are described in an application for Letters Patent of the United States entitled Waste heat recovery in a chemical process and plant, particularly for the synthesis of ammonia, filed as PCT International Application No. PCT/EP2010/056750 on May 17, 2010, preparatory to obtaining United States Letters Patent therefor, and

WHEREAS, Ammonia Casale SA (hereinafter referred to as Assignee), a Swiss corporation having a place of business at Via Giulio Pocobelli, 6, CH-6900 Lugano-Besso, Switzerland is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof,

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto Assignee, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to Assignce. We further grant to Assignee, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will when requested, communicate to Assignee, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign or international applications, together with individual assignments therefor, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid Assignee, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, this Assignment is executed by Assignors on the date indicated below.

Date: $O \lambda |31/2012$ Estmanno FILIPPI

Date: $O \lambda |31/2012$ $Q \lambda |O \lambda L|$ Raffaele OSTUNI

PATENT REEL: 043762 FRAME: 0849

RECORDED: 10/03/2017