PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

Name	Execution Date
Harald GROSS	09/27/2010
Carsten DEUS	09/27/2010

RECEIVING PARTY DATA

Name:	VON ARDENNE ANLAGENTECHNIK GMBH
Street Address:	Plattleite 19/29
City:	Dresden
State/Country:	GERMANY
Postal Code:	01324

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12862290

CORRESPONDENCE DATA

Fax Number: (518)452-5579

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

518-452-5600 Phone: Email: mr@hrfmlaw.com Correspondent Name: Jeff Rothenberg Address Line 1: 5 Columbia Circle

Address Line 2: Heslin Rothenberg Farley & Mesiti P.C.

Address Line 4: Albany, NEW YORK 12203

2642.174 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Jeff Rothenberg

Total Attachments: 2

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PATENT

REEL: 025156 FRAME: 0791

Docket No.: 2642.174

ASSIGNMENT

WHEREAS, We,

Harald GROSS, a citizen of Germany, residing at Beethovenstr. 9, 01465 Langebrueck, GERMANY; and

Carsten DEUS, a citizen of Germany, residing at Holbeinstrasse 151, 01309 Dresden, GERMANY;

(collectively **INVENTORS**) have invented certain new and useful improvements in METHOD AND DEVICE FOR PRODUCING STOICHIOMETRIC GRADIENTS AND LAYER SYSTEMS for which We have executed an application for Letters Patent of the United States, Application Serial Number 12/862,290, filed on August 24, 2010; and

WHEREAS, **VON ARDENNE ANLAGENTECHNIK GMBH** having offices at Plattleite 19/29, 01324 Dresden, Germany, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We the said INVENTORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said VON ARDENNE ANLAGENTECHNIK GMBH its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said VON ARDENNE ANLAGENTECHNIK GMBH its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that We will communicate to the said VON ARDENNE ANLAGENTECHNIK GMBH its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said VON ARDENNE ANLAGENTECHNIK GMBH its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Docket No.: 2642.174

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of day of Harald GROSS
Witness Witness
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of September, 2010. Carsten DEUS
Saac Side Witness