502697456 02/26/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT2744061

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
| NATURE OF CONVEYANCE: | | ASSIGNMENT | | | |
| CONVEYING PARTY | DATA | | , | | |
| N | | | Name | Execution Date | |
| GERHARD KUESTER | | | | 02/12/2014 | |
| WERNER GROSSE BLEY | | | | 02/12/2014 | |
| RECEIVING PARTY | DATA | | | | |
| Name: | INFICON GME | INFICON GMBH | | | |
| Street Address: | BONNER STF | RASSE 4 | 498 | | |
| City: | KOELN | | | | |
| State/Country: | GERMANY | | | | |
| Postal Code: | 50968 | | | | |
| Property Type Application Number: 1 | | 142412 | Number 4241281 | | |
| CORRESPONDENCI | E DATA | | | | |
| Fay Number | (412 | \Q <i>15_</i> 50 | 033 | | |
| Fax Number: (412)945-5933 Phone: 412-471-8815 | | | | | |
| Email: | assiç | gnments | s@webblaw.com | | |
| • | | | the email attempt is unsuccessful. | | |
| Correspondent Name: THE WEBB LAW FIRM, P.C. Address Line 1: ONE GATEWAY CENTER | | | | | |
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| Address Line 4: PITTSBURGH, PENNSYLVANIA 15222 | | | | | |
| ATTORNEY DOCKET NUMBER: | | 7174-140441 | | | |
| NAME OF SUBMITTER: | | KIRK M. MILES | | | |
| Signature: | | /kirk m miles/ | | | |
| Date: | | 02/26/2014 | | | |
| Total Attachments: 3 source=Assignment# | page1.tif | | | | |

502697456 PATENT REEL: 032304 FRAME: 0292 Form **PTO-1595** (Rev. 03/11) OMB No. 0651-0027 (exp. 4/30/2015)

| RECORDATION FO | RECORDATION FORM COVER SHEET | | | | |
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| PATENTS ONLY | | | | | |
| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. | | | | | |
| Name of conveying party(ies) Gerhard KUESTER Werner GROSSE BLEY | 2. Name and address of receiving party(ies) Name:Inficon GmbH | | | | |
| Additional name(s) of conveying party(ies) attached? | Internal Address: | | | | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s) 02/12/2014 | Street Address: Bonner Strasse 498 | | | | |
| Assignment | City: Koeln | | | | |
| Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License | State: Zip: 50968 | | | | |
| Other | Additional name(s) & address(es) attached? Yes Vo | | | | |
| 4. Application or patent number(s): This (A. Patent Application No.(s) 14/241, 281 Additional numbers att | document is being filed together with a new application. B. Patent No.(s) | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | | | | |
| Name: Kirk M. Miles | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0 | | | | |
| Internal Address: The Webb Law Firm | Authorized to be charged by credit card Authorized to be charged to deposit account | | | | |
| Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200 | Enclosed None required (government interest not affecting title) | | | | |
| City: Pittsburgh | 8. Payment Information | | | | |
| State: <u>PA</u> Zip: <u>15222</u> | a. Credit Card Last 4 Numbers 1916 Expiration Date 05/2015 | | | | |
| Phone Number: 412-471-8815 | b. Deposit Account Number 23-0650 | | | | |
| Fax Number: 412-945-5933 Email Address: assignments@webblaw.com | Authorized User Name | | | | |
| 9. Signature: Signature | February 26, 2014 Date | | | | |
| Kirk M. Miles Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: | | | | |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Doc. No. DN2RC2041

| INTERNATIONAL Application No | | | | | | |
|---|--|--|--|--|--|--|
| Attorney Docket No | | | | | | |
| <u>ASSIGNMENT</u> | | | | | | |
| WHEREAS, as a below named inventor, I have invented certain new and useful improvements in | | | | | | |
| DEVICE AND METHOD FOR IDENTIFYING REFRIGERANTS | | | | | | |
| (Invention Title) | | | | | | |
| for which I have this day executed an application for a United States Patent (hereinafter "said application"). | | | | | | |
| AND/OR | | | | | | |
| for which an application for a United States Patent was filed on(mm/dd/yyyy) and bears Application Number (hereinafter "said application"). AND/OR | | | | | | |
| for which an international patent application was filed under the Patent Cooperation Treaty on 08/24/2012 (mm/dd/yyyy), bearing Application No. PCT/EP2012/066531 (hereinafter "said application"). | | | | | | |
| AND, WHEREAS, Inficon GmbH, a corporation of Germany, having a place of business at Bonner Strasse 498, 50968 Koeln, Germany, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed. | | | | | | |
| NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made. | | | | | | |
| I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. $14/241,281$ filed $08/24/2012$) the filing date and application number of said application when known. | | | | | | |
| I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make | | | | | | |

this Assignment.

| | INTERNATIONAL |
|--------------------|---------------|
| Application No | |
| Attorney Docket No | . 7174-140441 |

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

| 1. FULL NAME OF ASSIGNOR: Gerhard KUESTER | RESIDENCE: Koeln, Germany |
|--|-------------------------------|
| EXECUTED this NZ day of Telimoury | |
| WITNESS: Ludolf Gerdale | SIGNATURE |
| 2. FULL NAME OF ASSIGNOR: Werner GROSSE BLEY | RESIDENCE: Bonn, Germany |
| EXECUTED this 12 day of February | How Sole Hy |
| WITNESS | SIGNATURE |
| Checked Box indicates additional page | re(s) for inventor signatures |

Page 2 of 2

RECORDED: 02/26/2014