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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT               |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                   |
| <b>CONVEYING PARTY DATA</b>   |                              |
| <b>Name</b>   | <b>Execution Date</b>        |
| SHINSUKE TSUCHIYA   | 03/30/2018                   |
| <b>RECEIVING PARTY DATA</b>   |                              |
| <b>Name:</b>  | KONICA MINOLTA, INC.         |
| <b>Street Address:</b>  | 2-7-2 Marunouchi, Chiyoda-ku |
| <b>City:</b>  | Tokyo                        |
| <b>State/Country:</b>   | JAPAN                        |
| <b>Postal Code:</b>   | 100-7015                     |
| <b>PROPERTY NUMBERS Total: 1</b>  |                              |
| <b>Property Type</b>  | <b>Number</b>                |
| <b>Application Number:</b>  | 15771861                     |
| <b>CORRESPONDENCE DATA</b>  |                              |
| <b>Fax Number:</b>  | (212)883-4900                |
| <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> |                              |
| <b>Phone:</b>   | 212-687-2770                 |
| <b>Email:</b>   | EMARTINEZ@COZEN.COM          |
| <b>Correspondent Name:</b>  | COZEN O'CONNOR               |
| <b>Address Line 1:</b>  | 277 PARK AVENUE              |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 6249-53PUS/427835            |
| <b>NAME OF SUBMITTER:</b>   | THOMAS LANGER                |
| <b>SIGNATURE:</b>   | /Thomas Langer/              |
| <b>DATE SIGNED:</b>   | 04/27/2018                   |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |                              |
| <b>Total Attachments: 3</b>   |                              |
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| source=ass#page3.tif  |                              |

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE the undersigned, SHINSUKE TSUCHIYA (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to Konica Minolta, Inc. a corporation of Japan, having a place of business at 2-7-2 Marunouchi, Chiyoda-ku, Tokyo Japan 100-7015, (hereinafter referred to as "ASSIGNEE"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, executed by the undersigned

[     ]           concurrently herewith,

[X]           which is the U.S. national stage application of International PCT Application No. PCT/JP2016/080956, filed on October 19, 2016 and which is entitled

LEAKED GAS DETECTION DEVICE AND LEAKED GAS DETECTION METHOD  
(TITLE OF APPLICATION)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional,

continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: March 30. 2018  
month/day/year

Shinsuke Tsuchiya  
SHINSUKE TSUCHIYA

\_\_\_\_\_  
Witness

Note: Signature of a witness is preferable, but not required.

[     ]     Additional inventors on attached page.

ASSIGNMENT - continued

Date: \_\_\_\_\_  
month/day/year

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