

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5726988

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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> |
|                                                                                                                                                                                                 | TAKASHI SUZUKI                                             | 08/05/2019            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                            |                       |
| <b>Name:</b>                                                                                                                                                                                    | FURUKAWA ELECTRIC CO., LTD.                                |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 2-3, MARUNOUCHI 2-CHOME, CHIYODA-KU                        |                       |
| <b>City:</b>                                                                                                                                                                                    | TOKYO                                                      |                       |
| <b>State/Country:</b>                                                                                                                                                                           | JAPAN                                                      |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 100-8322                                                   |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                            |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                              |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 16575641                                                   |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                            |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (703)413-2220                                              |                       |
| <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>                                                                                                                                                                                   | (703) 413-3000                                             |                       |
| <b>Email:</b>                                                                                                                                                                                   | mstewart@oblon.com                                         |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | OBLON, ET AL.                                              |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 1940 DUKE STREET                                           |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | ALEXANDRIA, VIRGINIA 22314                                 |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 525066US                                                   |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MAKEDA STEWART                                             |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Makeda Stewart/                                           |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 09/19/2019                                                 |                       |
|                                                                                                                                                                                                 | This document serves as an Oath/Declaration (37 CFR 1.63). |                       |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                                                            |                       |
| source=ASN#page1.tif                                                                                                                                                                            |                                                            |                       |

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                               |
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| <b>Title of<br/>Invention</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>OPTICAL FIBER MANUFACTURING APPARATUS AND METHOD OF<br/>STARTING OPTICAL FIBER MANUFACTURING APPARATUS</b> |
| <p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="" type="checkbox"/> The attached application, or</p> <p>is directed to: <input type="checkbox"/> United States application or PCT international application number _____<br/>filed on _____.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>FURUKAWA ELECTRIC CO., LTD.</u><br/>(hereinafter referred to as "ASSIGNEE") having places of business at: <u>2-3, Marunouchi 2-chome, Chiyoda-ku,<br/>Tokyo 100-8322 Japan</u>, is desirous of acquiring the entire right, title and interest in and to said invention and in and<br/>to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and<br/>all foreign countries;</p> <p>NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby<br/>acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto<br/>said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions<br/>and in all foreign countries (including the right to claim priority under the terms of the International Convention and<br/>other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and<br/>interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial<br/>possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations,<br/>substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and<br/>any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the<br/>assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its<br/>(his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and<br/>entirely as the same would have been held by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me<br/>respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,<br/>continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and<br/>all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything<br/>possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said<br/>invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001<br/>by fine or imprisonment of not more than five (5) years, or both.</p> |                                                                                                               |
| <b>LEGAL NAME OF INVENTOR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                               |
| Inventor: <u>Takashi SUZUKI</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Date: <u>August. 5, 2019</u>                                                                                  |
| Signature: <u>Takashi Suzuki</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                               |

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
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