503225704 03/19/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3272321

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| KAZI S ABEDIN | 03/03/2015 |
| JOHN M FINI | 03/16/2015 |
| MAN F YAN | 03/03/2015 |

RECEIVING PARTY DATA

| Name: | OFS FITEL, LLC | |
|-------------------|------------------------------------|--|
| Street Address: | 2000 NORTHEAST EXPRESSWAY | |
| Internal Address: | INTELLECTUAL PROPERTY LAW DIVISION | |
| City: | NORCROSS | |
| State/Country: | GEORGIA | |
| Postal Code: | 30071 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13261818 |

CORRESPONDENCE DATA

Fax Number: (770)798-4501

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.

Phone: 770-798-3817

Email: Arochester@ofsoptics.com

Correspondent Name: OFS FLTEL, LLC (FORMERLY FURUKAWA ELECTR

Address Line 1: 2000 NORTHEAST EXPRESSWAY

Address Line 2: INTELLECTUAL PROPERTY LAW DIVISION

Address Line 4: NORCROSS, GEORGIA 30071

| ATTORNEY DOCKET NUMBER: | ABEDIN 6 | |
|-------------------------|------------------------|--|
| NAME OF SUBMITTER: | ALLISHA D. ROCHESTER | |
| SIGNATURE: | /ALLISHA D. ROCHESTER/ | |
| DATE SIGNED: | 03/19/2015 | |

Total Attachments: 5

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PATENT 503225704 REEL: 035201 FRAME: 0131

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PATENT REEL: 035201 FRAME: 0132

ASSIGNMENT AND AGREEMENT

For value received, we, Kazi S. Abedin, of Basking Ridge, in the State of New Jersey, John M. Fini, of San Jose, in the State of California, and Man F. Yan, of Berkeley Heights, in the State of New Jersey, hereby sell, assign and transfer to OFS Fitel, LLC a limited liability company of the State of Delaware, having an office at 2000 Northeast Expressway, Norcross, Georgia 30071, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to Few-Moded Fiber Device Employing Mode Conversion described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to OFS Fitel, LLC the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize OFS Fitel, LLC to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of OFS Fitel, LLC to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to OFS Fitel, LLC in the United States and to OFS Fitel, LLC in all countries foreign to the United States, or to such nominees as they may designate.

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PATENT REEL: 035201 FRAME: 0133 We agree that, when requested, we shall, without charge to OFS Fitel, LLC but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

| Kayi Cam Malin |
|--|
| Kazi S. Abedin |
| Date: 3 3 5 |
| United States of America) State of Yew Live 2) ss.: County of Yes man) |
| On this day of May C. 20 , before me personally came (Say Say), to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. |
| Notary Public |

| John M. Fini | |
|---|---|
| Date: 3/16/2015 | |
| United States of America) | منتبتر |
| | |
| On this day of to me personally came to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. | |
| Note we Distribution | |
| i | United States of America) State of) ss.: County of) On this day of the me personally came to be the individual described in and who executed the foregoing |

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California County of Santa Clara

On March 16, 2015 before me, Paula Flores / Notary Public personally appeared John Fini, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature KUU

PAULA FLORES
Commission # 1993345
Notary Public - California
Santa Clara County
My Comm. Expires Nov 3, 2018

PATENT REEL: 035201 FRAME: 0136

| Man/f Mon |
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| Man F. Yan |
| Date: 3/3/2015 |
| United States of America) |
| State of New Jax Jan) ss.: |
| State of New Lexical) ss.: County of monmouth) |
| On this 3 day of May Ch |
| 20 \5 before me personally came \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same. |
| Notary Public |

OFS Fitel, LLC 2000 Northeast Expressway Norcross, Georgia 30071