502454652 08/12/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| John M Fini | 08/08/2013 |

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: | 13984959 |

CORRESPONDENCE DATA

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

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OFS FItel, LLC (FORMERLY FURUKAWA ELECTR Correspondent Name:

Address Line 1: 2000 NORTHEAST EXPRESSWAY Address Line 4: NORCROSS, GEORGIA 30071

| ATTORNEY DOCKET NUMBER: | FINI 23 |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | Allisha D. Rochester |
| Signature: | /Allisha D. Rochester/ |
| Date: | 08/12/2013 |
| | |

REEL: 030989 FRAME: 0869

PATENT

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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DECLARATION AND ASSIGNMENT

Title of Invention: MULTIPLEXING

MULTICORE FIBER DESIGNS FOR SPATIAL

As the below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For value received, I, John M. Fini, of Metuchen, in the State of New Jersey, 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 the above-identified application 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.

I 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.

I 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

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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.

I 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.

I 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.

Date: Aug 8, 2013

United States of America)

State of New Jersey) ss.: County of Monmouth)

On this 8 day of August, 2013, before me personally came John M. Fini to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

OFS Fitel, LLC Intellectual Property Law Division 2000 Northeast Expressway Norcross, Georgia 30071

RECORDED: 08/12/2013