

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4177667

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| XINZHONG WANG | 11/10/2016 |
| YU HUANG | 11/10/2016 |
| YAO LI | 12/08/2016 |
| RECEIVING PARTY DATA | |
| Name: | ALLIANCE FIBER OPTIC PRODUCTS, INC. |
| Street Address: | 275 GIBRALTAR DR. |
| City: | SUNNYVALE |
| State/Country: | CALIFORNIA |
| Postal Code: | 94089 |
| PROPERTY NUMBERS Total: 1 | |
| | |
| Property Type | Number |
| Application Number: | 15349369 |
| CORRESPONDENCE DATA | |
| Fax Number: | (937)449-6405 |
| <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> | |
| Phone: | 9374496400 |
| Email: | katherine.ghearing@dinsmore.com |
| Correspondent Name: | DINSMORE & SHOHL LLP |
| Address Line 1: | FIFTH THIRD CENTER, ONE S. MAIN ST. |
| Address Line 2: | SUITE 1300 |
| Address Line 4: | DAYTON, OHIO 45402 |
| ATTORNEY DOCKET NUMBER: | AFOC 0142 PA / HI16-650 |
| NAME OF SUBMITTER: | KATHERINE GHEARING |
| SIGNATURE: | /Katherine Ghearing/ |
| DATE SIGNED: | 12/09/2016 |
| Total Attachments: 4 | |
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| source=Assignment#page2.tif | |
| source=Assignment#page3.tif | |

ASSIGNMENT

WHEREAS, we, **Xinzhong Wang** of Fremont, California, **Yu Huang** of San Jose, California and **Yao Li** of Newark, California, hereinafter called the *ASSIGNORS*, invented certain new and useful VARIABLE OPTICAL ATTENUATOR WITH A TRANSMITTING NON-ATTENUATING DIFFRACTING PRISM, for which the *ASSIGNORS* executed an application for a United States Patent and for which said application for United States Patent was filed on November 11, 2016, under

Patent Application Serial No. 15/349,369 ;

Attorney Docket No. HI16-650US1 / AFOC 0142 PA;

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

WHEREAS, **Alliance Fiber Optic Products, Inc.**, a corporation of the State of California, with a place of business at 275 Gibraltar Drive, Sunnyvale, California 94089, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNORS* to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the above referenced application to the Assignee;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, *ASSIGNORS* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the (future) right to claim priority, in and to said application, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNORS hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said *ASSIGNEE* as the assignee of the

Assignment: Page 1 of 4
[HI16-640US1 / AFOC 0142 PA]

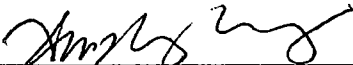
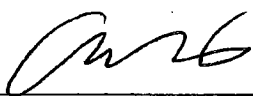
entire right, title and interest in and to the same, for the sole use and behalf of said *ASSIGNEE* and said *ASSIGNEE's* successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by *ASSIGNORS* had this assignment and sale not been made; and

ASSIGNORS hereby authorize said *ASSIGNEE*, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

ASSIGNORS hereby agree that, upon request, *ASSIGNOR(S)* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEE*, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

ASSIGNORS:

IN WITNESS WHEREOF, the *ASSIGNORS* have hereunto set his hand and seal.

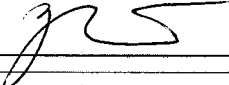

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| <i>Inventor 1: Xinzhong Wang</i> | |
| Signed: |  |
| Printed Name: | XINZHONG WANG |
| Date: | 11/10/2016 |
| <i>Witness:</i> | |
| Signed: |  |
| Printed Name: | Dong Gui |
| Title: | Product Manager |
| Date: | 11-10-2016 |

Assignment: Page 2 of 4
[HI16-640US1 / AFOC 0142 PA]

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| Inventor 2: Yu Huang | |
| Signed: | <u>Yu Huang</u> |
| Printed Name: | YU HUANG |
| Date: | 11/10/2016 |
| Witness: | |
| Signed: | <u>Feng Yi</u> |
| Printed Name: | Feng Yi |
| Title: | Materials analyst |
| Date: | 11/10/2016 |

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|---------------------------|----------------------|
| Inventor 3: Yao Li | |
| Signed: | <u>Yao Li</u> |
| Printed Name: | YAO LI |
| Date: | 12/8/2016 |
| Witness: | |
| Signed: | <u>Leo Jiang</u> |
| Printed Name: | Leo Jiang |
| Title: | Application Engineer |
| Date: | 12/08/2016 |

IN WITNESS WHEREOF, ASSIGNEE hereby accepts and receives this ASSIGNMENT:

| <i>Assignee: Alliance Fiber Optic Products, Inc.</i> | |
|--|--|
| Signed: |  |
| Printed Name: | YAO LI |
| Title: | Technology Director |
| Date: | 12/8/2016 |
| <i>Witness:</i> | |
| Signed: |  |
| Printed Name: | Leo Jiang |
| Title: | Application Engineer |
| Date: | 12/08/2016 |

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Assignment: Page 4 of 4
[HI16-640US1 / AFOC 0142 PA]