PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Shibin Jiang | 07/20/2009 |
| Qing Wang | 07/20/2009 |
| Jihong Geng | 07/20/2009 |
| Tao Luo | 07/20/2009 |

RECEIVING PARTY DATA

| Name: | AdValue Photonics, Inc. | | |
|-----------------|-------------------------------|--|--|
| Street Address: | 4585 S. Palo Verde, Suite 405 | | |
| City: | Tucson | | |
| State/Country: | ARIZONA | | |
| Postal Code: | 85714 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12509406 |

CORRESPONDENCE DATA

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

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Email: reena.mendez@quarles.com

Correspondent Name: Dale F. Regelman

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Address Line 2: One S. Church Avenue, Ste. 1700
Address Line 4: Tucson, ARIZONA 85701-1621

| ATTORNEY DOCKET NUMBER: | 134074.00003 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Dale F. Regelman |

Total Attachments: 3

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> PATENT REEL: 024739 FRAME: 0431

ASSIGNMENT

We, Shibin Jiang, 2996 E. Manzanita Ridge Place, Tucson, Arizona 85718; Tao Luo, 2996 E. Manzanita Ridge, Tucson, Arizona 85718, both of the United States of America; and Qing Wang, 3425 E. 2nd Street, Apt. 405, Tucson, Arizona 85716; Jihong Geng, 4910 N. Sabino Gulch CT, Tucson, Arizona 85750, both citizens of the People's Republic of China, having invented certain inventions and improvements as described and claimed in a United States Patent Application (the "Application") entitled MODE-LOCKED TWO MICRO FIBER LASERS. Serial No. 12/509,406 , filed July 24, 2009 , for good and valuable consideration, the receipt of which is hereby acknowledged from AdValue Photonics, Inc., an Arizona corporation, having its principal place of business at 4585 S. Palo Verde, Suite 405, Tucson, Arizona 85714, U.S.A., (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said Application and the inventions and any of them therein set forth and described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or any of them or any part thereof or on said Application or any divisional, continuing, reissue, or other patent application based thereon;

And for the same consideration we do also hereby sell, assign, and transfer unto the Assignee, its successors, and assigns all our rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and any of them and all parts thereof and said Application, and we do hereby authorize the

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Assignee, its successors, and assigns to apply in our name or its or their own name or names for

patents and like rights of exclusion on or for said inventions or any of them or any part thereof in

all countries claiming if it or they so desire the priority of the filing date of said Application under

the provisions of said Convention or any such other treaty;

And for the same consideration, we do hereby agree for ourselves and for our heirs,

executors, and administrators, promptly upon request of the Assignee, its successors, or assigns,

to execute and deliver without further compensation any power of attorney, assignment, original,

divisional, continuing, reissue or other application or applications for patent or patents or like

rights of exclusion of any country, or other lawful documents and any further assurances that may

be deemed necessary or desirable by the Assignee, its successors, or assigns fully to secure to it or

them said right, title, and interest as aforesaid in and to said inventions and any of them and all

parts thereof and in and to and under said several patents and like rights of exclusion (including

extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or

assigns;

And we do hereby authorize and request the Commissioner of Patents and Trademarks of

the United States of America and the corresponding Officer of each country foreign thereto to

issue to the Assignee, its successors, or assigns, any and all patents and like rights of exclusion

which may be granted in any country upon said Application or other applications or any of them

or on or for said inventions or any of them or any part thereof; and we do hereby covenant for

ourselves and our legal representatives and agree with the Assignee, its successors, and assigns

that we have granted no right or license to make, use, or sell said inventions or any of them or any

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part thereof to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that we have not executed and will not execute any instrument in conflict herewith.

| DATED this _ | 2014_day of_ | July | _, 2009. |
|--------------|----------------|-------------|----------|
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| | \overline{S} | hibin Jiang | 0 |

| DATED this _ | 20th | day of | Tuly | , 2009. |
|--------------|------|--------------------|---------|---------|
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| | | $\overline{ m Qi}$ | ng Wang | 1 8 |

| DATED this _ | 20th | _ day of | July | , 20 | 09. |
|--------------|------|----------|-----------|------|---------|
| | | | | | |
| | | | (My | | 7 |
| | | Jil | nong Geng | | U^{-} |

| DATED this | 20th | _day of _July | , 2009. |
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| | | ce | |
| | | Tao Luo | |

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RECORDED: 07/26/2010

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