505285531 01/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5332305

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| KAIDONG XU | 01/14/2019 |

RECEIVING PARTY DATA

| Name: | JIANGSU LEUVEN INSTRUMMENTS CO. LTD |
|-------------------|--|
| Street Address: | LIAOHE WEST ROAD 8 |
| Internal Address: | PIZHOU ECONOMIC DEVELOPMENT ZONE, XUZHOU |
| City: | JIANGSU |
| State/Country: | CHINA |
| Postal Code: | 221300 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16251264 |

CORRESPONDENCE DATA

Fax Number: (937)684-8264

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: (937) 610-9888

Email: tlees@lees-ip.com

Correspondent Name: THOMAS E. LEES, LLC

Address Line 1: 90 RHOADS CENTER DRIVE

Address Line 4: DAYTON, OHIO 45458

| ATTORNEY DOCKET NUMBER: | BTA 015 USUA1 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | THOMAS E. LEES |
| SIGNATURE: | /Thomas E. Lees/ |
| DATE SIGNED: | 01/18/2019 |

Total Attachments: 4

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PATENT 505285531 REEL: 048056 FRAME: 0299

ASSIGNMENT

WHEREAS, Kaidong XU, of Leuven, Belgium, herein called "ASSIGNOR", has made certain new and useful inventions, for which an application for a United States Patent is executed concurrently herewith or was filed having:

Patent Application Serial No.: 16/251,264

Title of Patent Application: WAFER CUTTING DEVICE AND METHOD Filing Date: January 18, 2019

WHEREAS, JIANGSU LEUVEN INSTRUMMENTS CO. LTD, a company in China, having a place of business at Liaohe West Road 8, Pizhou Economic Development Zone, Xiizhou, Jiangsu, China 221300, herein called "ASSIGNEE", is desirous of acquiring the entire right, title and interest in and to the application, the invention(s) therein disclosed, and any letters patent that may issue based upon the invention(s):

AND, WHEREAS, it is the intent of the ASSIGNOR 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 patent offices throughout the world, including the right to be granted a patent in any and all PCT Contracting States to the above-referenced application to the Assignee;

NOW, THEREFORE. To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE, its successors and assigns, and otherwise agrees to sell, assign, and transfer to the ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to: the invention(s) disclosed in the above-identified patent application; the above-identified patent application; any issuing Letters Patent resulting from the above-identified application; and any issuing Letters Patent that has the right to claim the benefit of or priority to the above-identified application, including but not limited to divisional applications, continuation applications, continuation-in-part applications, substitute applications, and reissue applications. ASSIGNOR does hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent to the ASSIGNEE, as the ASSIGNEE of the entire right, title, and interest for the sole use of the ASSIGNEE, and its successors or assigns.

ASSIGNOR further hereby sells, assigns, and transfers to the ASSIGNEE, its successors and assigns, and otherwise agrees to sell, assign, and transfer to the ASSIGNEE, its successors and assigns, the entire right, title, and interest to all patent applications and patents issuing therefrom, having the right to claim foreign priority to the above-identified application, which are filed throughout all patent offices and/or countries foreign to the United States. ASSIGNOR hereby

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ASSIGNMENT

authorizes the ASSIGNEE to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the above-identified application.

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign patent offices, to issue, when granted, any and all Letters Patents thereon, and reissues and reexamination certificates thereof, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE and the 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 ASSIGNOR had this assignment and saie not been made;

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

ASSIGNOR further covenants and agrees that ASSIGNOR will, at the request and expense of the ASSIGNEE, execute or have executed, other assurances of title as may be necessary or proper to fully convey the interest herein. ASSIGNOR will, at the request and expense of the ASSIGNEE, execute or have executed by the necessary inventors, such application papers as may be desired by the ASSIGNEE to apply for any patent in the United States or throughout all patent offices foreign to the United States that have the right to claim the benefit of or priority to the above-identified application. ASSIGNOR will execute or have executed, any necessary supplemental oaths, statements, or other papers as desired by the ASSIGNEE to perfect ASSIGNEE's rights herein. ASSIGNOR further covenants and agrees to execute any additional assignments, e.g., to perfect rights in foreign patents and patent applications, as noted above.

ASSIGNOR hereby authorizes and requests the attorney(s) and/or agent(s) recording the present assignment, to insert the serial number and filing date of the above-referenced application when known.

[Remainder left intentionally blank]



ASSIGNMENT

ASSIGNOR:

By:

(signature)

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Kaidong XU

(printed name)



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ASSIGNEE hereby accepts and receives this ASSIGNMENT.

ASSIGNEE:

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