505253143 12/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5299913

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| QINGQUAN LI | 12/14/2018 |
| MIN CAO | 12/14/2018 |
| DEJIN ZHANG | 12/14/2018 |
| HONG LIN | 12/14/2018 |
| YING CHEN | 12/14/2018 |

RECEIVING PARTY DATA

| Name: | WUHAN WUDA ZOYON SCIENCE AND TECHNOLOGY CO., LTD. |
|-------------------|--|
| Street Address: | NO.6, ROAD 4, WUHAN UNIVERSITY SCIENCE & TECHNOLOGY PARK |
| Internal Address: | EAST LAKE DEVELOPMENT ZONE |
| City: | WUHAN |
| State/Country: | CHINA |
| Postal Code: | 430223 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16313440 |

CORRESPONDENCE DATA

Fax Number:

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.

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| ATTORNEY DOCKET NUMBER: | 34672_0054 |
|-------------------------------|--|
| NAME OF SUBMITTER: | MICHELLE C. DUNN |
| SIGNATURE: /Michelle C. Dunn/ | |
| DATE SIGNED: | 12/26/2018 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT REEL: 047855 FRAME: 0067

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Total Attachments: 3

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PATENT REEL: 047855 FRAME: 0068

Attorney Docket No.: 34672_0054 Client Reference No.: G1WH18US20793-47D1

ASSIGNMENT (Joint)

THIS ASSIGNMENT, by Qingquan LI; Min CAO; Dejin ZHANG; Hong LIN; Ying

CHEN (hereinafter referred to collectively as the "Assignors"), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in:

OBJECT SURFACE DEFORMATION FEATURE EXTRACTION METHOD BASED

ON LINE SCANNING THREE-DIMENSIONAL POINT CLOUD, set forth in an

application for Letters Patent of the United States filed herewith.

WHEREAS, WUHAN WUDA ZOYON SCIENCE AND TECHNOLOGY CO.,

LTD, a corporation having a principal place of business at No. 6 Road 4, Wuhan University

Science & Technology Park, East Lake Development Zone, Wuhan, Hubei 430223, China

(hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest

in and to said inventions and applications for Letters Patent of the United States, and in and to any

Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of

which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and

by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal

representatives and assigns, Assignor's interest in the entire right, title and interest in and to the

above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents

in the United States of America and all foreign countries which may be granted therefor and thereon,

and in and to any and all divisions, continuations, and continuations-in-part of said application, or

reissues or extensions of said Letters Patent or Patents, and all rights under the International

Convention for the Protection of Industrial Property, the same to be held and enjoyed by said

Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives

and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted,

as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale

and assignment not been made; and

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PATENT REEL: 047855 FRAME: 0069

Attorney Docket No.: \$4672,0034 Client Reference No.: 01WB180320793-47D1

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignce, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the lawful owner of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth; and

FOR THE SAME CONSIDERATION, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, Assignors have thus set their hands on the date below written.

| Date: | 14/10/2018 | Signature: | |
|-------|------------|-------------|--|
| | | Qingquan LI | |
| Date: | 14/12/2018 | Signsture: | |
| | | Min CAO | |

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Atterney Docket No.: 34572_6054 Client Reference No.: G1WH18CS29793-47D1

| Date: | 14/10/2018 | Signature 24 (Pi) | |
|-------|-------------|------------------------------|------|
| | | Dejin ZHÄNG | |
| Date: | [14/12/2018 | Signature: 1 12 Hong LIN | •••• |
| Date: | /V/n/wis | Signature: 7646 Ving CHEN | |