

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5777160

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|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name           | Execution Date |
|----------------|----------------|
| GUANGTAO ZHANG | 10/18/2019     |
| JUNFENG WANG   | 10/18/2019     |
| GANG LI        | 10/18/2019     |
| PENG TIAN      | 10/18/2019     |
| DONGCHENG YAN  | 10/18/2019     |
| LIHONG WANG    | 10/18/2019     |
| QUAN ZHENG     | 10/18/2019     |

**RECEIVING PARTY DATA**

|                          |   |
|--------------------------|---|
| <b>Name:</b>             | TUNGHSU TECHNOLOGY GROUP CO., LTD.                    |
| <b>Street Address:</b>   | ROOM 266, BUILDING 2, NO. 9 HAIYING ROAD              |
| <b>Internal Address:</b> | FENGTAI SCIENCE AND TECHNOLOGY PARK, FENGTAI DISTRICT |
| <b>City:</b>             | BEIJING   |
| <b>State/Country:</b>    | CHINA   |
| <b>Postal Code:</b>      | 100075  |
| <b>Name:</b>             | TUNGHSU GROUP CO., LTD.                               |
| <b>Street Address:</b>   | NO. 369 ZHUJIANG ROAD                                 |
| <b>Internal Address:</b> | NEW & HI-TECH INDUSTRIAL DEVELOPMENT ZONE             |
| <b>City:</b>             | SHIJIAZHUANG, HEBEI                                   |
| <b>State/Country:</b>    | CHINA   |
| <b>Postal Code:</b>      | 050035  |

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16606449 |

**CORRESPONDENCE DATA**

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|                                |                      |
|--------------------------------|----------------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | RAP3-PT166           |
| <b>NAME OF SUBMITTER:</b>      | DOUGLAS J. BUCKLIN   |
| <b>SIGNATURE:</b>              | /Douglas J. Bucklin/ |
| <b>DATE SIGNED:</b>            | 10/18/2019           |

**Total Attachments: 8**

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**ASSIGNMENT**

Guangtao Zhang, Junfeng Wang, Gang Li, Peng Tian, Dongcheng Yan, Lihong Wang, and Quan Zheng (all of the above hereafter jointly and severally referred to as the “undersigned”), all citizens of China having an address of No. 369 Zhujiang Road, New & Hi-Tech Industrial Development Zone, Shijiazhuang, Hebei, P.R. China 050035, are the inventors of

COMPOSITION FOR GLASS, ALKALINE-EARTH ALUMINOSILICATE GLASS,  
AND PREPARATION METHOD AND APPLICATION THEREOF

for which the undersigned has executed an application for United States Letters Patent, U.S. Patent Application No. 16/606,449, filed October 18, 2019, 2019.

Tunghsu Technology Group Co., Ltd., a corporation having a principal place of business at Room 266, Building 2, No. 9 Haiying Road, Fengtai Science and Technology Park, Fengtai District, Beijing, P.R. China, 100075, and Tunghsu Group Co., Ltd., a company having a principal place of business at No. 369 Zhujiang Road, New & Hi-Tech Industrial Development Zone, Shijiazhuang Hebei, P.R. China 050035, (both of the above hereafter jointly and severally referred to as the referred to as the “assignees”) are desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign, and transfer to assignees and assignees’ successors, assigns and legal representatives the entire right, title, and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignees, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 18 day of October, 2019

at Beijing, China.  
(Place)

Witness:





Guangtao Zhang

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this 18 day of October, 2019

at Beijing, China  
(Place)

Witness:



  
Junfeng Wang

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this 18 day of October, 2019

at Beijing, China.  
(Place)

Witness:

*Gang Li*

李刚

Gang Li

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

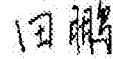
EXECUTED under seal on this 18 day of October, 2019

at Beijing, China.

(Place)

Witness:





Peng Tian

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

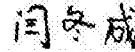
EXECUTED under seal on this 18 day of October, 2019

at Beijing, China.

(Place)

Witness:





Dongcheng Yan


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EXECUTED under seal on this 18 day of October, 2019

at Beijing, China  
(Place)

Witness:



王丽红  
Lihong Wang

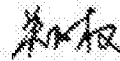
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EXECUTED under seal on this 18 day of October, 2019

at Beijing, China  
(Place)

Witness:





Quan Zheng

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please subscribe appropriate notarization and obtain APOSTILLE)