

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6955383

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIANFU LIU	07/20/2021
KEJUN ZHONG	07/20/2021
XIAOYI GUO	07/20/2021
WEI HUANG	08/10/2021
XINQIANG YIN	07/20/2021
JIANHUA YI	07/20/2021
CHAOXIANG HUANG	08/10/2021
YONGQUAN ZHOU	08/10/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD.
<b>Street Address:</b>	188# MIDDLE WANJIALI ROAD
<b>Internal Address:</b>	3RD SECTION, YUHUA DISTRICT
<b>City:</b>	CHANGSHA, HUNAN
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	410007
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17254758
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)529-5132
<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>	
<b>Phone:</b>	212-529-5131
<b>Email:</b>	docket@mkwllp.com
<b>Correspondent Name:</b>	MAURIEL KAPOUYTIAN WOODS LLP
<b>Address Line 1:</b>	15 W. 26TH STREET, SEVENTH FLOOR
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10010
<b>ATTORNEY DOCKET NUMBER:</b>	10170-2003800
<b>NAME OF SUBMITTER:</b>	RUCHA EKBOTE

<b>SIGNATURE:</b>	/Rucha Ekbote/
<b>DATE SIGNED:</b>	10/06/2021
<b>Total Attachments: 16</b> source=10170-2003800 Assignments#page1.tif source=10170-2003800 Assignments#page2.tif source=10170-2003800 Assignments#page3.tif source=10170-2003800 Assignments#page4.tif source=10170-2003800 Assignments#page5.tif source=10170-2003800 Assignments#page6.tif source=10170-2003800 Assignments#page7.tif source=10170-2003800 Assignments#page8.tif source=10170-2003800 Assignments#page9.tif source=10170-2003800 Assignments#page10.tif source=10170-2003800 Assignments#page11.tif source=10170-2003800 Assignments#page12.tif source=10170-2003800 Assignments#page13.tif source=10170-2003800 Assignments#page14.tif source=10170-2003800 Assignments#page15.tif source=10170-2003800 Assignments#page16.tif	

## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Jianfu Liu, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

**WHEREAS**, the undersigned ASSIGNOR has invented certain subject matter in "ELECTRONIC CIGARETTE ATOMIZER AND ELECTRONIC CIGARETTE", set forth in PCT/CN2019/092064 filed on June 20, 2019, which claims priority to Chinese Application No. 201810649965.1 filed on June 22, 2018, and Chinese Application No. 201820967344.3 filed on June 22, 2018, which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

**WHEREAS**, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his or her entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in the United States or in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment also includes the entire title, right, and interest in any applications for protecting the INVENTION filed under any international agreements, including, without limitation, the Patent Cooperation Treaty. For the further avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application or patent applications listed above and any related applications filed under international agreements and/or in foreign countries, and any Letters Patent in the United States and legal equivalents in foreign countries issuing therefrom as may be known and accessible to

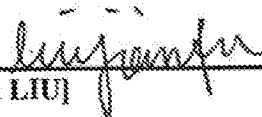
ASSIGNOR, and will testify as to the same in any administrative proceeding, litigation, or other proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any jurisdiction which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR and ASSIGNEE by their respective duly authorized representative.

ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

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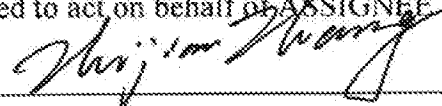
SIGNATURE OF ASSIGNOR

X   
[Jianfu LIU]

Date: 2021.7.20

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.7.20

## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Kejun Zhong, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

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**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his or her entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in the United States or in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment also includes the entire title, right, and interest in any applications for protecting the INVENTION filed under any international agreements, including, without limitation, the Patent Cooperation Treaty. For the further avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application or patent applications listed above and any related applications filed under international agreements and/or in foreign countries, and any Letters Patent in the United States and legal equivalents in foreign countries issuing therefrom as may be known and accessible to

ASSIGNOR, and will testify as to the same in any administrative proceeding, litigation, or other proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any jurisdiction which may be necessary or desirable to carry out the purposes thereof.

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ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR

X Kejun ZHONG  
[Kejun ZHONG]

Date: 2021.7.20

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: Zhijian Zhang

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.7.20

## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Xiaoyi Guo, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

**WHEREAS**, the undersigned ASSIGNOR has invented certain subject matter in "ELECTRONIC CIGARETTE ATOMIZER AND ELECTRONIC CIGARETTE", set forth in PCT/CN2019/092064 filed on June 20, 2019, which claims priority to Chinese Application No. 201810649965.1 filed on June 22, 2018, and Chinese Application No. 201820967344.3 filed on June 22, 2018, which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

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**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his or her entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in the United States or in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment also includes the entire title, right, and interest in any applications for protecting the INVENTION filed under any international agreements, including, without limitation, the Patent Cooperation Treaty. For the further avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

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SIGNATURE OF ASSIGNOR

X Xiaoyi GUO  
[Xiaoyi GUO]

Date: 2021.7.20

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: Zhijian Zhang

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.7.20



## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Wei Huang, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

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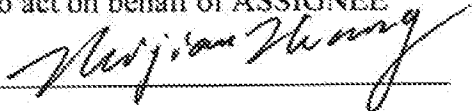
SIGNATURE OF ASSIGNOR

X Wei HUANG  
[Wei HUANG]

Date: 2021.8.10

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.8.10

## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Xinqiang Yin, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

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SIGNATURE OF ASSIGNOR

X Xinqiang YIN  
[Xinqiang YIN]

Date: 2021.7.20

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: Zhijian Zhang

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.7.20

## ASSIGNMENT

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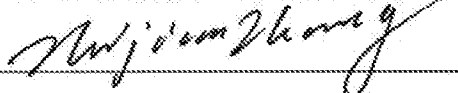
SIGNATURE OF ASSIGNOR

X Jianhua Yi  
[Jianhua Yi]

Date: 2021.7.20

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: 

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.7.20

## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Chaoxiang Huang, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

**WHEREAS**, the undersigned ASSIGNOR has invented certain subject matter in "ELECTRONIC CIGARETTE ATOMIZER AND ELECTRONIC CIGARETTE", set forth in PCT/CN2019/092064 filed on June 20, 2019, which claims priority to Chinese Application No. 201810649965.1 filed on June 22, 2018, and Chinese Application No. 201820967344.3 filed on June 22, 2018, which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

**WHEREAS**, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his or her entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in the United States or in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment also includes the entire title, right, and interest in any applications for protecting the INVENTION filed under any international agreements, including, without limitation, the Patent Cooperation Treaty. For the further avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application or patent applications listed above and any related applications filed under international agreements and/or in foreign countries, and any Letters Patent in the United States and legal equivalents in foreign countries issuing therefrom as may be known and accessible to

ASSIGNOR, and will testify as to the same in any administrative proceeding, litigation, or other proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any jurisdiction which may be necessary or desirable to carry out the purposes thereof.

This assignment embodies the entire understanding of ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNOR and ASSIGNEE regarding assignment of the INVENTION. No amendment or modification of this assignment shall be valid or binding upon ASSIGNOR or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNOR and ASSIGNEE by their respective duly authorized representative.

ASSIGNOR acknowledges that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said INVENTION and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any other family applications.

This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR

X *Chaoxiang HUANG*  
[Chaoxiang HUANG]

Date: 2021.8.10

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: *Zhijian Zhang*

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.8.10



## ASSIGNMENT

This patent assignment is made effective as of the execution date provided below, by and between Yongquan Zhou, an individual (referred to hereinafter as "ASSIGNOR"), and CHINA TOBACCO HUNAN INDUSTRIAL CO., LTD., a Chinese limited company having its principal place of business at 188# Middle Wanjiali Road 3rd Section, Yuhua District, Changsha, Hunan 410007, P.R. China (referred to hereinafter as "ASSIGNEE").

**WHEREAS**, the undersigned ASSIGNOR has invented certain subject matter in "ELECTRONIC CIGARETTE ATOMIZER AND ELECTRONIC CIGARETTE", set forth in PCT/CN2019/092064 filed on June 20, 2019, which claims priority to Chinese Application No. 201810649965.1 filed on June 22, 2018, and Chinese Application No. 201820967344.3 filed on June 22, 2018, which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION;

**WHEREAS**, ASSIGNEE is desirous of acquiring the entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns his or her entire title, right, and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom and application(s) therefor, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application(s) or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in the United States or in a foreign country for the full term or terms for which the same may be granted. For the avoidance of doubt, this assignment also includes the entire title, right, and interest in any applications for protecting the INVENTION filed under any international agreements, including, without limitation, the Patent Cooperation Treaty. For the further avoidance of doubt, this assignment includes assignment of the right to claim priority to the above-referenced application(s) and to any application for Letters Patent that has been or will be filed on the INVENTION in any jurisdiction.

ASSIGNOR hereby authorizes and requests ASSIGNEE's attorney to insert or correct above the relevant application number(s) and filing date(s) of said application(s) when known.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application or patent applications listed above and any related applications filed under international agreements and/or in foreign countries, and any Letters Patent in the United States and legal equivalents in foreign countries issuing therefrom as may be known and accessible to

ASSIGNOR, and will testify as to the same in any administrative proceeding, litigation, or other proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said INVENTION and said Letters Patent and said equivalents thereof in any jurisdiction which may be necessary or desirable to carry out the purposes thereof.

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This assignment may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

SIGNATURE OF ASSIGNOR

X Yongquan ZHOU  
[Yongquan ZHOU]

Date: 2021.8.10

ACCEPTANCE AND SIGNATURE OF ASSIGNEE

ASSIGNEE hereby accepts this assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of ASSIGNEE

By: Zhijian Zhang

Name: Zhijian ZHANG

Title: Director of Technical Center

Date: 2021.8.10