

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6046244

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY DATA, NAME OF FIRST INVENTOR previously recorded on Reel 051386 Frame 0866. Assignor(s) hereby confirms the ASSIGNMENT.
RESUBMIT DOCUMENT ID:	505957100

CONVEYING PARTY DATA

Name	Execution Date
CHENGJUN TAN	09/03/2019
WENHUI HUANG	09/04/2019
CHUANXIANG TANG	09/04/2019
QINGXIU JIN	08/29/2019
DONGSHENG ZHANG	08/30/2019
QUN LUO	08/30/2019
DONGHAI LIU	08/30/2019
LUMING ZHANG	08/30/2019
PEIDONG WU	08/30/2019

RECEIVING PARTY DATA

Name:	NUCTECH COMPANY LIMITED
Street Address:	2ND FLOOR, BLOCK A, TONGFANG BUILDING
Internal Address:	SHUANGQINGLU, HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100084
Name:	TSINGHUA UNIVERSITY
Street Address:	TSINGHUA YUAN, HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100084

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16627515

CORRESPONDENCE DATA

Fax Number: (516)742-4366

PATENT

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: 516-742-4343
Email: jmoses@ssmp.com
Correspondent Name: SCULLY, SCOTT, MURPHY & PRESSER, P.C.
Address Line 1: 400 GARDEN CITY PLAZA, STE. 300
Address Line 4: GARDEN CITY, NEW YORK 11566

ATTORNEY DOCKET NUMBER:	38095-NUC
NAME OF SUBMITTER:	XIAOCHUN ZHU
SIGNATURE:	/Xiaochun Zhu/
DATE SIGNED:	04/03/2020

Total Attachments: 21

source=38095_NUC_Original_Cover_Sheet#page1.tif
source=38095_NUC_Original_Cover_Sheet#page2.tif
source=38095_NUC_Original_Cover_Sheet#page3.tif
source=38095_NUC_Declaration_and_Assignment#page1.tif
source=38095_NUC_Declaration_and_Assignment#page2.tif
source=38095_NUC_Declaration_and_Assignment#page3.tif
source=38095_NUC_Declaration_and_Assignment#page4.tif
source=38095_NUC_Declaration_and_Assignment#page5.tif
source=38095_NUC_Declaration_and_Assignment#page6.tif
source=38095_NUC_Declaration_and_Assignment#page7.tif
source=38095_NUC_Declaration_and_Assignment#page8.tif
source=38095_NUC_Declaration_and_Assignment#page9.tif
source=38095_NUC_Declaration_and_Assignment#page10.tif
source=38095_NUC_Declaration_and_Assignment#page11.tif
source=38095_NUC_Declaration_and_Assignment#page12.tif
source=38095_NUC_Declaration_and_Assignment#page13.tif
source=38095_NUC_Declaration_and_Assignment#page14.tif
source=38095_NUC_Declaration_and_Assignment#page15.tif
source=38095_NUC_Declaration_and_Assignment#page16.tif
source=38095_NUC_Declaration_and_Assignment#page17.tif
source=38095_NUC_Declaration_and_Assignment#page18.tif



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>CHENJUN TAN</td><td>09/03/2019</td></tr><tr><td>WENHUI HUANG</td><td>09/04/2019</td></tr><tr><td>CHUANXIANG TANG</td><td>09/04/2019</td></tr><tr><td>QINGXIU JIN</td><td>08/29/2019</td></tr><tr><td>DONGSHENG ZHANG</td><td>08/30/2019</td></tr><tr><td>QUN LUO</td><td>08/30/2019</td></tr><tr><td>DONGHAI LIU</td><td>08/30/2019</td></tr><tr><td>LUMING ZHANG</td><td>08/30/2019</td></tr><tr><td>PEIDONG WU</td><td>08/30/2019</td></tr></tbody></table>		Name	Execution Date	CHENJUN TAN	09/03/2019	WENHUI HUANG	09/04/2019	CHUANXIANG TANG	09/04/2019	QINGXIU JIN	08/29/2019	DONGSHENG ZHANG	08/30/2019	QUN LUO	08/30/2019	DONGHAI LIU	08/30/2019	LUMING ZHANG	08/30/2019	PEIDONG WU	08/30/2019
Name	Execution Date																				
CHENJUN TAN	09/03/2019																				
WENHUI HUANG	09/04/2019																				
CHUANXIANG TANG	09/04/2019																				
QINGXIU JIN	08/29/2019																				
DONGSHENG ZHANG	08/30/2019																				
QUN LUO	08/30/2019																				
DONGHAI LIU	08/30/2019																				
LUMING ZHANG	08/30/2019																				
PEIDONG WU	08/30/2019																				
RECEIVING PARTY DATA																					
<table border="1"><tr><td>Name:</td><td>NUCTECH COMPANY LIMITED</td></tr><tr><td>Street Address:</td><td>2ND FLOOR, BLOCK A, TONGFANG BUILDING</td></tr><tr><td>Internal Address:</td><td>SHUANGQINGLU, HAIDIAN DISTRICT</td></tr><tr><td>City:</td><td>BEIJING</td></tr><tr><td>State/Country:</td><td>CHINA</td></tr><tr><td>Postal Code:</td><td>100084</td></tr></table>		Name:	NUCTECH COMPANY LIMITED	Street Address:	2ND FLOOR, BLOCK A, TONGFANG BUILDING	Internal Address:	SHUANGQINGLU, HAIDIAN DISTRICT	City:	BEIJING	State/Country:	CHINA	Postal Code:	100084								
Name:	NUCTECH COMPANY LIMITED																				
Street Address:	2ND FLOOR, BLOCK A, TONGFANG BUILDING																				
Internal Address:	SHUANGQINGLU, HAIDIAN DISTRICT																				
City:	BEIJING																				
State/Country:	CHINA																				
Postal Code:	100084																				
<table border="1"><tr><td>Name:</td><td>TSINGHUA UNIVERSITY</td></tr></table>		Name:	TSINGHUA UNIVERSITY																		
Name:	TSINGHUA UNIVERSITY																				

PATENT

Street Address:	TSINGHUA YUAN
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100084

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16627515

CORRESPONDENCE DATA

Fax Number: (516)742-4366
Phone: 516-742-4343
Email: chudson@ssmp.com
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.
Correspondent Name: SCULLY SCOTT MURPHY & PRESSER, PC
Address Line 1: 400 GARDEN CITY PLAZA
Address Line 2: SUITE 300
Address Line 4: GARDEN CITY, NEW YORK 11530

**ATTORNEY DOCKET
NUMBER:**

38095

NAME OF SUBMITTER:

XIAOCHUN ZHU

Signature:

/Xiaochun Zhu/

Date:

12/30/2019

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 18

source=38095_NUC_Declaration_and_Assignment#page1.tif
source=38095_NUC_Declaration_and_Assignment#page2.tif
source=38095_NUC_Declaration_and_Assignment#page3.tif
source=38095_NUC_Declaration_and_Assignment#page4.tif
source=38095_NUC_Declaration_and_Assignment#page5.tif
source=38095_NUC_Declaration_and_Assignment#page6.tif
source=38095_NUC_Declaration_and_Assignment#page7.tif
source=38095_NUC_Declaration_and_Assignment#page8.tif
source=38095_NUC_Declaration_and_Assignment#page9.tif
source=38095_NUC_Declaration_and_Assignment#page10.tif
source=38095_NUC_Declaration_and_Assignment#page11.tif
source=38095_NUC_Declaration_and_Assignment#page12.tif
source=38095_NUC_Declaration_and_Assignment#page13.tif
source=38095_NUC_Declaration_and_Assignment#page14.tif
source=38095_NUC_Declaration_and_Assignment#page15.tif
source=38095_NUC_Declaration_and_Assignment#page16.tif

PATENT

source=38095_NUC_Declaration_and_Assignment#page17.tif
source=38095_NUC_Declaration_and_Assignment#page18.tif

RECEIPT INFORMATION

EPAS ID: PAT5888225
Receipt Date: 12/30/2019

[Return to home page](#)

[| .HOME |](#) [INDEX |](#) [SEARCH |](#) [eBUSINESS |](#) [CONTACT US |](#) [PRIVACY STATEMENT](#)

PATENT

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

Docket No. -LZ1909064CN08-US

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Chengjun TAN</u>	Date: <u>2019-09-03</u>
Signature: <u>Chengjun TAN</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Wenhui HUANG</u>	Date: <u>2019/9/4</u>
Signature: <u>Wenhui</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Chuanxiang TANG</u>	Date: <u>2019-09-04</u>
Signature: <u>Chuanxiang Tang</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Qingxiu JIN</u>	Date: <u>8/29/2019</u>
Signature: <u>Qingxiu Jin</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration</p> <p>is directed to: <input type="checkbox"/> The attached application, or</p> <p style="padding-left: 100px;"><input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Dongsheng ZHANG</u>	Date: <u>2019.8.30</u>
Signature: <u>Dongsheng ZHANG</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
As a below named inventor, I hereby declare that:	
This declaration	
is directed to:	<input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u> .
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Qun LUO</u>	Date: _____
Signature: <u>Qun LUO</u>	<u>2019 08 30</u>

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration</p> <p>is directed to: <input type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: Donghai LIU	Date: _____
Signature: <i>Donghai LIU</i> 2019. 8. 30.	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Luming ZHANG</u>	Date: <u>2019.8.30</u>
Signature: <u>Luming ZHANG</u>	

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR
DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	DISTRIBUTED X-RAY LIGHT SOURCE AND CONTROL METHOD THEREFOR, AND CT EQUIPMENT
<p>As a below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or</p> <p style="padding-left: 150px;"><input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2018/088833</u> filed on <u>May 29, 2018</u>.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to Nuctech Company Limited, having a place of business at 2nd Floor, Block A, TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, China, and TSINGHUA UNIVERSITY, having a place of business at Tsinghua Yuan, Haidian District, Beijing 100084, CN (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2018/088833 filed on May 29, 2018; which in turn claims priority to 201710842665.0 filed on September 18, 2017; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NAME OF INVENTOR	
Inventor: <u>Peidong WU</u>	Date: <u>2019. 8. 30</u>
Signature: <u>Peidong WU</u>	