

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6365666

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIAOMEI GUO	08/26/2020
KEWEN KEVIN LI	08/21/2020
YINGYIN KEVIN ZOU	08/21/2020
HUA JIANG	08/26/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOSTON APPLIED TECHNOLOGIES, INC.
<b>Street Address:</b>	6F GILL STREET
<b>City:</b>	WOBURN
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01801
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17007321
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)366-4688
<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>	508-616-2900
<b>Email:</b>	Docket@BainwoodHuang.com
<b>Correspondent Name:</b>	BAINWOOD, HUANG & ASSOCIATES, LLC
<b>Address Line 1:</b>	2 CONNECTOR ROAD
<b>Address Line 4:</b>	WESTBOROUGH, MASSACHUSETTS 01581
<b>ATTORNEY DOCKET NUMBER:</b>	1141-006
<b>NAME OF SUBMITTER:</b>	BRUCE D. RUBENSTEIN, ESQ.
<b>SIGNATURE:</b>	/Bruce D. Rubenstein #39,349/
<b>DATE SIGNED:</b>	10/23/2020
<b>Total Attachments: 12</b>	
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source=1141-006-Executed-Assignment-Inv4#page3.tif

**ASSIGNMENT**

**WHEREAS**, I, Xiaomei Guo, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

**COMPOSITION AND METHOD OF MAKING A MONOLITHIC HETEROSTRUCTURE  
OF MULTIFERROIC THIN FILMS**

which is further identified by Attorney Docket Number 1141-006;

**WHEREAS**, Boston Applied Technologies, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 6F Gill Street, Woburn, MA 01801, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

**AND**, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to

said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

**AND**, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

**AND** I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

( 17/007,321 , filed 8/31/2020 )

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 8/26/2020

[Signature]  
Inventor's Signature

Legal name of inventor: Xiaomei Guo  
Residence: 10 Kingsland Road  
West Roxbury, MA 02132  
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex

On this 26<sup>th</sup> day of August, 2020, before me, the undersigned notary public, personally appeared Xiaomei Guo, proved to me through satisfactory evidence of identification, which were:

- ☐ employee identification card;  
☐ driver's license; or  
☒ (other) Personally known to me

to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

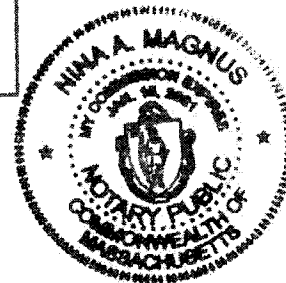
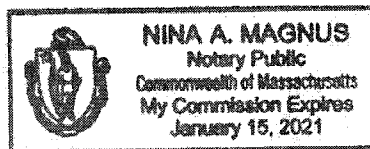
**IN TESTIMONY WHEREOF**, I have hereunto set my hand and affixed my seal as set forth below:

Nina A. Magnus  
Notary Public

Print Name:

Nina A. Magnus

My Commission Expires 01/15/2021



**ASSIGNMENT**

**WHEREAS**, I, Kewen Kevin Li, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

**COMPOSITION AND METHOD OF MAKING A MONOLITHIC HETEROSTRUCTURE  
OF MULTIFERROIC THIN FILMS**

which is further identified by Attorney Docket Number 1141-006;

**WHEREAS**, Boston Applied Technologies, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 6F Gill Street, Woburn, MA 01801, USA, desires to acquire an interest therein in accordance with agreements duly entered into with me;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

**AND**, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to

said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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**AND** I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

( 17/007,321 , filed 8/31/2020 )

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: Aug. 21, 2020

[Signature]  
Inventor's Signature

Legal name of inventor: Kewen Kevin Li  
Residence: 16 Russett Lane  
Andover, MA 01810  
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex

On this 21<sup>st</sup> day of August, 2020 before me, the undersigned notary public, personally appeared Kewen Kevin Li, proved to me through satisfactory evidence of identification, which were:

- ☐ employee identification card;  
☐ driver's license; or  
☒ (other) Personally known to me

to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

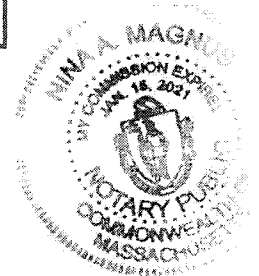
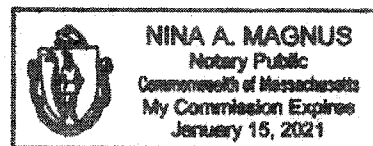
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Nina A Magnus  
Notary Public

Print Name:

Nina A Magnus

My Commission Expires 01/15/2021





**ASSIGNMENT**

**WHEREAS**, I, Yingyin Kevin Zou, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

**COMPOSITION AND METHOD OF MAKING A MONOLITHIC HETEROSTRUCTURE  
OF MULTIFERROIC THIN FILMS**

which is further identified by Attorney Docket Number 1141-006;

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**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

**AND**, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to

said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 8/21/2020

[Signature]  
Inventor's Signature

Legal name of inventor: Yingyin Kevin Zou  
Residence: 4 Fairbanks Rd.  
Lexington, MA 02421  
United States of America  
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex

On this 21<sup>st</sup> day of August, 2020 before me, the undersigned notary public, personally appeared Yingyin Kevin Zou, proved to me through satisfactory evidence of identification, which were:

- ☐ employee identification card;  
☐ driver's license; or  
☒ (other) Personally known to me

to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

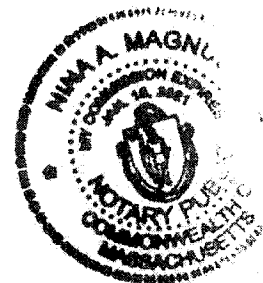
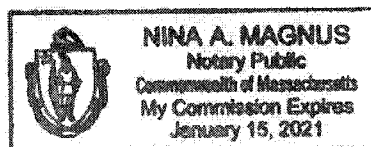
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Nina A. Magnus  
Notary Public

Print Name:

Nina A. Magnus

My Commission Expires 01/15/2021



**ASSIGNMENT**

**WHEREAS**, I, Hua Jiang, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

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**AND** I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses

(17/007,321) , filed 8/31/2020 ,

the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

Date: 8/26/2020

[Signature]  
Inventor's Signature

Legal name of inventor: Hua Jiang  
Residence: 2 Tisdale Road  
Sharon, MA 02067  
United States of America  
Mailing Address Same as above

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex

On this 26<sup>th</sup> day of August, 2020 before me, the undersigned notary public, personally appeared Hua Jiang, proved to me through satisfactory evidence of identification, which were:

- ☐ employee identification card;  
☐ driver's license; or  
☒ (other) Personally known to me

to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Nina A. Magnus  
Notary Public

Print Name:

Nina A. Magnus

My Commission Expires 01/15 / 2021

