

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Andrew STRIKWERDA</td> <td>05/31/2013</td> </tr> <tr> <td>Richard AVERITT</td> <td>05/31/2013</td> </tr> <tr> <td>Xin ZHANG</td> <td>05/31/2013</td> </tr> <tr> <td>Hu TAO</td> <td>05/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Andrew STRIKWERDA	05/31/2013	Richard AVERITT	05/31/2013	Xin ZHANG	05/31/2013	Hu TAO	05/31/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>TRUSTEES OF BOSTON UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>One Silber Way</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02215</td> </tr> </table>		Name:	TRUSTEES OF BOSTON UNIVERSITY	Street Address:	One Silber Way	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02215
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 6175025002 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-248-4019 Email: patentdocket@choate.com</p> <p>Correspondent Name: Atsuko N. Polzin, PhD, JD Address Line 1: Choate Hall & Stewart LLP Address Line 2: Two International Place Address Line 4: Boston, MASSACHUSETTS 02110</p>											
ATTORNEY DOCKET NUMBER:	2002458-0228										
NAME OF SUBMITTER:	Atsuko N. Polzin, PhD, JD										
Signature:	/Atsuko N. Polzin/										

PATENT

Date:

06/04/2013

Total Attachments: 12

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ASSIGNMENT

WHEREAS, I, **Andrew STRIKWERDA** of Jamaica Plain, MA, am aware of the patent application entitled:

SILK ELECTRONIC COMPONENTS; and

- ☐ prepared for filing in the United States Patent and Trademark Office; or
- ☒ identified by United States Application Serial No. **13/641,000** filed in the United States Patent and Trademark Office on **October 12, 2012**; and
- ☒ identified by International Patent Application No. **US11/32195** filed on **April 12, 2011**; and
- ☒ am also aware of the following priority applications:

Serial No.: 61/323,172; Filed: April 12, 2010

Serial No.: 61/325,593; Filed: April 19, 2010

Serial No.: 61/446,158; Filed: February 24, 2011

WHEREAS **TRUSTEES OF BOSTON UNIVERSITY** (hereinafter "ASSIGNEE"), having a usual place of business at **One Silber Way, Boston, MA 02215**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full

end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

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 patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Andrew C. Strikwerda
Name: **Andrew STRIKWERDA**

31 May 13
Date

Witness Signature:

Tianwu Wang
Name (please print):

31 May 13
Date

Witness Signature:

Bin Jie
Name (please print):

31 may 2013
Date

ASSIGNMENT

WHEREAS, I, **Richard AVERITT** of Newton, MA, am aware of the patent application entitled:

SILK ELECTRONIC COMPONENTS; and

- ☐ prepared for filing in the United States Patent and Trademark Office; or
- ☒ identified by United States Application Serial No. **13/641,000** filed in the United States Patent and Trademark Office on **October 12, 2012**; and
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Serial No.: 61/446,158; Filed: February 24, 2011

WHEREAS **TRUSTEES OF BOSTON UNIVERSITY** (hereinafter "ASSIGNEE"), having a usual place of business at **One Silber Way, Boston, MA 02215**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full

end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

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 patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

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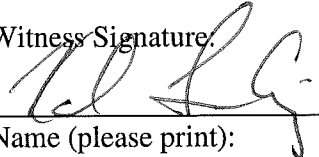
AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.


Name: **Richard AVERITT**

05/31/13
Date

Witness Signature: 
ANITA GUPTA
Name (please print):

5/31/13
Date

Witness Signature:  Karl Ludwig
Karl Ludwig
Name (please print):

5/31/13
Date

ASSIGNMENT

WHEREAS, I, Xin ZHANG of Medford, MA, am aware of the patent application entitled:

SILK ELECTRONIC COMPONENTS; and

- ☐ prepared for filing in the United States Patent and Trademark Office; or
- ☒ identified by United States Application Serial No. 13/641,000 filed in the United States Patent and Trademark Office on October 12, 2012; and
- ☒ identified by International Patent Application No. US11/32195 filed on April 12, 2011; and
- ☒ am also aware of the following priority applications:

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Serial No.: 61/325,593; Filed: April 19, 2010

Serial No.: 61/446,158; Filed: February 24, 2011

WHEREAS TRUSTEES OF BOSTON UNIVERSITY (hereinafter "ASSIGNEE"), having a usual place of business at One Silber Way, Boston, MA 02215, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, co-examination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full

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Zhang Xin

Name: Xin ZHANG

5/31/2013

Date

Witness Signature: Ronald A. Roy

Name (please print):

5/31/2013

Date

Witness Signature: Meagan Connell

Name (please print):

5/31/2013

Date

ASSIGNMENT

WHEREAS, I, **Hu TAO** of Medford, MA, am aware of the patent application entitled:

SILK ELECTRONIC COMPONENTS; and

- ☐ prepared for filing in the United States Patent and Trademark Office; or
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Serial No.: 61/325,593; Filed: April 19, 2010

Serial No.: 61/446,158; Filed: February 24, 2011

WHEREAS **TUFTS UNIVERSITY and TRUSTEES OF BOSTON UNIVERSITY** (hereinafter "ASSIGNEE"), having a usual place of business at (**TUFTS UNIVERSITY, Ballou Hall, Medford, MA 02155**) and (**TRUSTEES OF BOSTON UNIVERSITY, One Silber Way, Boston, MA 02215**), desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full

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Hu TAO
Name: Hu TAO

5/31/2013
Date

Witness Signature:
Martin Sou
Name (please print): Martin Sou

5/31/13
Date

Witness Signature:
Erika Bechtold
Name (please print): Erika Bechtold

5/31/13
Date