

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoel Fink</td> <td>11/23/2011</td> </tr> <tr> <td>Zheng Wang</td> <td>12/14/2011</td> </tr> <tr> <td>Shunji Egusa</td> <td>11/28/2011</td> </tr> <tr> <td>Noemie Chocat</td> <td>11/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yoel Fink	11/23/2011	Zheng Wang	12/14/2011	Shunji Egusa	11/28/2011	Noemie Chocat	11/23/2011
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Massachusetts Institute of Technology</td> </tr> <tr> <td><b>Street Address:</b></td> <td>77 Massachusetts Avenue</td> </tr> <tr> <td><b>City:</b></td> <td>Cambridge</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MASSACHUSETTS</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>02142-1324</td> </tr> </table>		<b>Name:</b>	Massachusetts Institute of Technology	<b>Street Address:</b>	77 Massachusetts Avenue	<b>City:</b>	Cambridge	<b>State/Country:</b>	MASSACHUSETTS	<b>Postal Code:</b>	02142-1324
<b>Name:</b>	Massachusetts Institute of Technology										
<b>Street Address:</b>	77 Massachusetts Avenue										
<b>City:</b>	Cambridge										
<b>State/Country:</b>	MASSACHUSETTS										
<b>Postal Code:</b>	02142-1324										
<b>PROPERTY NUMBERS Total: 1</b>											
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Application Number:	13178109										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (877)769-7945</p> <p>Phone: 6175425070</p> <p>Email: forrest@fr.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Peter Poulin</p> <p>Address Line 1: FISH &amp; RICHARDSON P.C.</p> <p>Address Line 2: P.O.BOX 1022</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	01997-0373001										
<b>NAME OF SUBMITTER:</b>	Cheryl A. Forrest										

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**PATENT**  
**REEL: 027391 FRAME: 0488**

**Total Attachments: 20**

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ASSIGNMENT

For valuable consideration, we, Yoel Fink, of 17 Osborne Road, Brookline, MA 02446; Zheng Wang, of 10 Magazine Street, Apartment 805, Cambridge, MA 02139; Shunji Egusa, of 2784 Euclid Hts. Blvd., Apt. 6, Cleveland Heights, Ohio 44106; Noémie Chocat, of 109 Windsor Street, Apartment 7, Cambridge, MA 02139; hereby assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02142-1324, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MULTIMATERIAL THERMALLY DRAWN PIEZOELECTRIC FIBERS, filed July 7, 2011, and assigned U.S. Serial Number 13/178,109, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

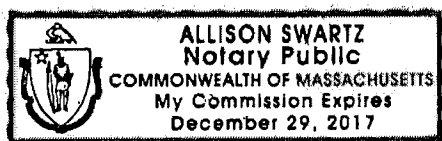
DATE: 11-23-11

*Yoel Fink*  
YOEL FINK

STATE OF MASSACHUSETTS  
COUNTY OF MIDDLESEX } SS.

On 11-23-11, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared YOEL FINK personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



*Allison P. Swartz*  
Notary Public

DATE: \_\_\_\_\_  
ZHENG WANG

STATE OF \_\_\_\_\_ )  
 ) SS.  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared ZHENG WANG personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_

SHUNJI EGUSA

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Ohio, there personally appeared SHUNJI EGUSA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_

\_\_\_\_\_  
NOÉMIE CHOCAT

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared NOÉMIE CHOCAT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

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ASSIGNMENT

For valuable consideration, we, Yoel Fink, of 17 Osborne Road, Brookline, MA 02446; Zheng Wang, of 10 Magazine Street, Apartment 805, Cambridge, MA 02139; Shunji Egusa, of 2784 Euclid Hts. Blvd., Apt. 6, Cleveland Heights, Ohio 44106; Noémie Chocat, of 109 Windsor Street, Apartment 7, Cambridge, MA 02139; hereby assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02142-1324, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MULTIMATERIAL THERMALLY DRAWN PIEZOELECTRIC FIBERS, filed July 7, 2011, and assigned U.S. Serial Number 13/178,109, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.



DATE: \_\_\_\_\_

\_\_\_\_\_  
YOEL FINK

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared YOEL FINK personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

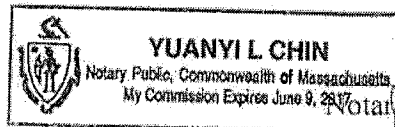
DATE: 12/14/2011

ZHENG WANG

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On Dec 14, 2011, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared ZHENG WANG personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Yuanyi L. Chin  
Notary Public

DATE: \_\_\_\_\_

\_\_\_\_\_  
SHUNJI EGUSA

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Ohio, there personally appeared SHUNJI EGUSA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_  
NOÉMIE CHOCAT

STATE OF \_\_\_\_\_ )  
 ) SS.  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared NOÉMIE CHOCAT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

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ASSIGNMENT

For valuable consideration, we, Yoel Fink, of 17 Osborne Road, Brookline, MA 02446; Zheng Wang, of 10 Magazine Street, Apartment 805, Cambridge, MA 02139; Shunji Egusa, of 2784 Euclid Hts. Blvd., Apt. 6, Cleveland Heights, Ohio 44106; Noémie Chocat, of 109 Windsor Street, Apartment 7, Cambridge, MA 02139; hereby assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02142-1324, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MULTIMATERIAL THERMALLY DRAWN PIEZOELECTRIC FIBERS, filed July 7, 2011, and assigned U.S. Serial Number 13/178,109, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: \_\_\_\_\_

\_\_\_\_\_  
YOEL FINK

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared YOEL FINK personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_

\_\_\_\_\_  
ZHENG WANG

STATE OF \_\_\_\_\_)

) SS.

COUNTY OF \_\_\_\_\_)

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Notary Public

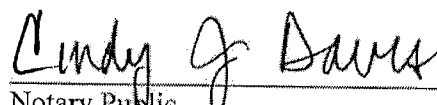
DATE: 11/28/2011

  
SHUNJI EGUSA

STATE OF Ohio )  
COUNTY OF Lake ) SS.

On November 28, 2011, before me, the undersigned, a notary public for the State of Ohio, there personally appeared SHUNJI EGUSA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public

CINDY J. DAVIS  
Notary Public, State of Ohio  
My Commission Expires Oct. 25, 2016  
Recorded in Lake County



DATE: \_\_\_\_\_

\_\_\_\_\_  
NOÉMIE CHOCAT

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared NOÉMIE CHOCAT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

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ASSIGNMENT

For valuable consideration, we, Yoel Fink, of 17 Osborne Road, Brookline, MA 02446; Zheng Wang, of 10 Magazine Street, Apartment 805, Cambridge, MA 02139; Shunji Egusa, of 2784 Euclid Hts. Blvd., Apt. 6, Cleveland Heights, Ohio 44106; Noémie Chocat, of 109 Windsor Street, Apartment 7, Cambridge, MA 02139; hereby assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02142-1324, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled MULTIMATERIAL THERMALLY DRAWN PIEZOELECTRIC FIBERS, filed July 7, 2011 , and assigned U.S. Serial Number 13/178,109 , this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: \_\_\_\_\_

\_\_\_\_\_  
YOEL FINK

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared YOEL FINK personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_  
ZHENG WANG

STATE OF \_\_\_\_\_ )  
 ) SS.  
COUNTY OF \_\_\_\_\_ )

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WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

DATE: \_\_\_\_\_

\_\_\_\_\_  
SHUNJI EGUSA

STATE OF \_\_\_\_\_ )

) SS.

COUNTY OF \_\_\_\_\_ )

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Notary Public

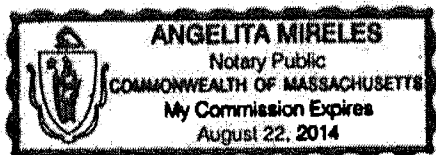
DATE: November 23<sup>rd</sup> 2011

  
\_\_\_\_\_  
NOÉMIE CHOCAT

STATE OF Massachusetts )  
 ) SS.  
COUNTY OF Middlesex )

On November 23, 2011, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared NOÉMIE CHOCAT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



  
\_\_\_\_\_  
Notary Public

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