PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoel Fink	11/23/2011
Zheng Wang	12/14/2011
Shunji Egusa	11/28/2011
Noemie Chocat	11/23/2011

RECEIVING PARTY DATA

Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02142-1324

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13178109

CORRESPONDENCE DATA

Fax Number: (877)769-7945 6175425070 Phone: forrest@fr.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Peter Poulin

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 01997-0373001 Cheryl A. Forrest NAME OF SUBMITTER:

PATENT

REEL: 027391 FRAME: 0488

Total Attachments: 20 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page14.tif source=Assignment#page15.tif source=Assignment#page16.tif source=Assignment#page17.tif source=Assignment#page18.tif source=Assignment#page19.tif source=Assignment#page20.tif

> PATENT REEL: 027391 FRAME: 0489

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.

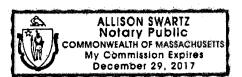
Assignment Page 1 of 5

DATE: 11-23-11 YOFL KINK

STATE OF MASSACHUS ETTS

COUNTY OF MIDDLESEX) SS

WITNESS my hand and official seal.



Notary Public

DATE:	
	ZHENG WANG
STATE OF	
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COUNTY OF	manuscus minumum manusud
On	, before me, the undersigned, a notary public for the State
of Massachusetts, there pers	sonally appeared ZHENG WANG personally known to me (or proved
Assignment, who acknowled	factory evidence) to be the person whose name is subscribed to this dged having executed the same in his/her authorized capacity and that Assignment, the person or the entity upon behalf of which he/she acted
WITNESS my hand	and official seal.
•	Notary Public

DATE:	
	SHUNJI EGUSA
STATE OF	
warning and the state of the st) SS.
COUNTY OF	
On	, before me, the undersigned, a notary public for the State
	SHUNJI EGUSA personally known to me (or proved to me on
who acknowledged having execute	to be the person whose name is subscribed to this Assignment, ed the same in his/her authorized capacity and that by his/her person or the entity upon behalf of which he/she acted, executed
WITNESS my hand and off	ficial seal.
	Notary Public

Assignment Page 4 of 5

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NOÉMIE CHOCAT
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efore me, the undersigned, a notary public for the State
red NOÉMIE CHOCAT personally known to me (or vidence) to be the person whose name is subscribed to
g executed the same in his/her authorized capacity and nt, the person or the entity upon behalf of which he/she
1.
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.

Assignment Page 1 of 5

DATE:	
And the second s	YOEL FINK
STATE OF) SS, before me, the undersigned, a notary public for the State y appeared YOEL FINK personally known to me (or proved to
me on the basis of satisfactory Assignment, who acknowledged h	evidence) to be the person whose name is subscribed to this naving executed the same in his/her authorized capacity and that ment, the person or the entity upon behalf of which he/she acted,
WITNESS my hand and of	ficial seal.
	Notary Public

Assignment Page 2 of 5

DATE: 12/14/2011

STATE OF Massachusetts.) SS.
COUNTY OF Midlex

Dec 14 2 1/1, 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, Commonwealth of Massachusetts
My Commission Expires June 9, 2877 otarly

DATE:	
	SHUNJI EGUSA
STATE OF	
COUNTY OF) SS.
On of Ohio, there personally appeare	, before me, the undersigned, a notary public for the State ed SHUNJI EGUSA personally known to me (or proved to me on
who acknowledged having execu	 to be the person whose name is subscribed to this Assignment, uted the same in his/her authorized capacity and that by his/her person or the entity upon behalf of which he/she acted, executed
WITNESS my hand and o	ifficial seal.
	Notary Public

Assignment Page 4 of 5

DATE:	
	NOÉMIE CHOCAT
STATE OF	
2323\$ 7\$ PPN2 2575) SS.
COUNTY OF	hafana ara tha yardani and a nata na 15 ft at 100 c
of Magazinania	, before me, the undersigned, a notary public for the State ally appeared NOÉMIE CHOCAT personally known to me (or
	isfactory evidence) to be the person whose name is subscribed to
	lged having executed the same in his/her authorized capacity and
	Assignment, the person or the entity upon behalf of which he/she
acted, executed this Assignment.	
WITNESS my hand and o	official seal.
	Notary Public

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Assignment Page 5 of 5

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.

Assignment Page 1 of 5

DATE:	
	YOEL FINK
STATE OF)
-) SS.
COUNTY OF	
On	, before me, the undersigned, a notary public for the State
me on the basis of satisfac Assignment, who acknowled	sonally appeared YOEL FINK personally known to me (or proved to story evidence) to be the person whose name is subscribed to this liged having executed the same in his/her authorized capacity and that Assignment, the person or the entity upon behalf of which he/she acted.
WITNESS my hand a	and official seal.
	·
	Notary Public

Assignment Page 2 of 5

DATE:	
	ZHENG WANG
STATE OF	
) SS.
COUNTY OF	
On	, before me, the undersigned, a notary public for the State
to me on the basis of satisfactory e Assignment, who acknowledged hav	ppeared ZHENG WANG personally known to me (or proved vidence) to be the person whose name is subscribed to this ing executed the same in his/her authorized capacity and that ent, the person or the entity upon behalf of which he/she acted,
WITNESS my hand and office	ial seal.
	Notary Public

Assignment Page 3 of 5

STATE OF SHUNJI EGUSA

STATE OF SS.

COUNTY OF 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

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.

CINDY J. DAVIS Motary Public, State of Onio

My Commission Expires Oct. 25, 2016
Recorded in Lake County

DATE:	
	NOÉMIE CHOCAT
STATE OF	_)) SS.
COUNTY OF) , before me, the undersigned, a notary public for the State
of <u>Massachusetts</u> , there personally proved to me on the basis of satisfacthis Assignment, who acknowledged	appeared NOÉMIE CHOCAT personally known to me (or story evidence) to be the person whose name is subscribed to having executed the same in his/her authorized capacity and gnment, the person or the entity upon behalf of which he/she
WITNESS my hand and offici	ial seal.
	Notary Public

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Assignment Page 5 of 5

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.

Assignment Page 1 of 5

DATE:	edia secono de la companio de la co
	YOEL FINK
STATE OF	
ANT THE ANT) SS.
COUNTY OF), before me, the undersigned, a notary public for the State
me on the basis of satisf Assignment, who acknowl	ersonally appeared YOEL FINK personally known to me (or proved to factory evidence) to be the person whose name is subscribed to this ledged having executed the same in his/her authorized capacity and that a Assignment, the person or the entity upon behalf of which he/she acted,
WITNESS my hand	d and official seal.
	Notary Public

DATE:	
	ZHENG WANG
STATE OF)) SS.
COUNTY OF) 55.
On	, before me, the undersigned, a notary public for the State
*	nally appeared ZHENG WANG personally known to me (or proved
Assignment, who acknowledge	tory evidence) to be the person whose name is subscribed to this ed having executed the same in his/her authorized capacity and that signment, the person or the entity upon behalf of which he/she acted
WITNESS my hand and	d official seal.
	Notary Public

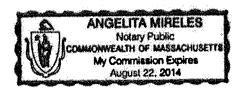
DATE:	
	SHUNJI EGUSA
STATE OF	
COUNTY OF) SS.
	, before me, the undersigned, a notary public for the State
the basis of satisfactory evi who acknowledged having	ppeared SHUNJI EGUSA personally known to me (or proved to me on dence) to be the person whose name is subscribed to this Assignment, executed the same in his/her authorized capacity and that by his/her at, the person or the entity upon behalf of which he/she acted, executed
WITNESS my hand	and official seal.
	Notary Public

DATE: November 23rd 2011 NOÉMIE CHOCAT

STATE OF HassachuseHS) SS

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.



Angelde Mireles

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Assignment Page 5 of 5

PATENT REEL: 027391 FRAME: 0509