

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Christine Ortiz</td><td>10/04/2011</td></tr><tr><td>Mary C. Boyce</td><td>10/07/2011</td></tr><tr><td>Juha Song</td><td>10/04/2011</td></tr><tr><td>Steffen H. Reichert</td><td>09/20/2011</td></tr></table>		Name	Execution Date	Christine Ortiz	10/04/2011	Mary C. Boyce	10/07/2011	Juha Song	10/04/2011	Steffen H. Reichert	09/20/2011
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Christine Ortiz	10/04/2011										
Mary C. Boyce	10/07/2011										
Juha Song	10/04/2011										
Steffen H. Reichert	09/20/2011										
RECEIVING PARTY DATA											
<table><tr><td>Name:</td><td>Massachusetts Institute of Technology</td></tr><tr><td>Street Address:</td><td>77 Massachusetts Avenue</td></tr><tr><td>City:</td><td>Cambridge</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02139</td></tr></table>		Name:	Massachusetts Institute of Technology	Street Address:	77 Massachusetts Avenue	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
Name:	Massachusetts Institute of Technology										
Street Address:	77 Massachusetts Avenue										
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PROPERTY NUMBERS Total: 1											
<table><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>13207681</td></tr></table>		Property Type	Number	Application Number:	13207681						
Property Type	Number										
Application Number:	13207681										
CORRESPONDENCE DATA											
Fax Number: (617)646-8646											
Phone: 617-646-8000											
Email: patents_MITadmins@wolfgreenfield.com											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name: Timothy J. Oyer											
Address Line 1: 600 Atlantic Avenue											
Address Line 2: Wolf, Greenfield & Sacks, P.C.											
Address Line 4: Boston, MASSACHUSETTS 02210-2206											
ATTORNEY DOCKET NUMBER:	M0925.70294US01										
NAME OF SUBMITTER:	Marilyn R. Bogus										

OP \$40.00 13207681

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PATENT
REEL: 027116 FRAME: 0001

Total Attachments: 24

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts non-profit corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on August 11, 2011 under No. 13/207,681, bearing Attorney Docket No. M0925.70294US01, and entitled ARTICULATING PROTECTIVE SYSTEM FOR RESISTING MECHANICAL LOADS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the 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; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

10/04/11
Date




Inventor: Christine Ortiz
Address: 43 Granite Street
Melrose, MA 02176
Citizenship: US

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex:

On this 4th day of October, 2011, before me, the undersigned notary public,
personally appeared Christine Ortiz, proved to me through satisfactory evidence of
identification, which were Mass. license,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public

My commission expires: 10-8-15

Date

Inventor: Mary C. Boyce

Address: 41 Calumet Road

Winchester, Massachusetts 01890

Citizenship: US

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ Mary C. Boyce _____, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Juha Song

Address: 70 Pacific Street

Apt. 665

Cambridge, Massachusetts 02139

Citizenship: Republic of Korea

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ Juha Song _____, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Steffen H. Reichert
Address: Helfergasse 1
70372 Stuttgart
GERMANY
Citizenship: Germany

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts non-profit corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on August 11, 2011 under No. 13/207,681, bearing Attorney Docket No. M0925.70294US01, and entitled ARTICULATING PROTECTIVE SYSTEM FOR RESISTING MECHANICAL LOADS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the 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; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Christine Ortiz

Address: 43 Granite Street
Melrose, MA 02176

Citizenship: US

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ Christine Ortiz _____, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date 10/07/11

Inventor: Mary C. Boyce
Address: 41 Calumet Road
Winchester, Massachusetts 01890
Citizenship: US

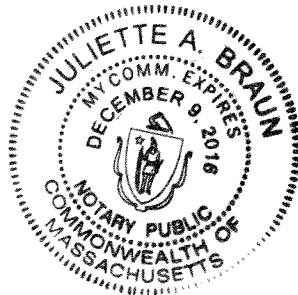
STATE/Commonwealth of MA
COUNTY OF MIDDLESEX:

On this 7 day of OCTOBER, 2011, before me, the undersigned notary public,
personally appeared Mary C. Boyce, proved to me through satisfactory evidence of
identification, which were DRIVER'S LICENSE,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Juliette A. Braun
Notary Public

My commission expires: 12/9/2014



Date

Inventor: Juha Song

Address: 70 Pacific Street

Apt. 665

Cambridge, Massachusetts 02139

Citizenship: Republic of Korea

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Juha Song _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Steffen H. Reichert
Address: Helfergasse 1
70372 Stuttgart
GERMANY
Citizenship: Germany

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

ASSIGNMENT

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1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts non-profit corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on August 11, 2011 under No. 13/207,681, bearing Attorney Docket No. M0925.70294US01, and entitled ARTICULATING PROTECTIVE SYSTEM FOR RESISTING MECHANICAL LOADS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
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3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the 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; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Christine Ortiz

Address: 43 Granite Street

Melrose, MA 02176

Citizenship: US

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared _____ Christine Ortiz _____, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Mary C. Boyce

Address: 41 Calumet Road

Winchester, Massachusetts 01890

Citizenship: US

STATE/Commonwealth of _____
County of _____:

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and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Oct. 4
~~Sept. 30~~, 2011
Date 5th
JB

Songjuhn
Inventor: Juha Song
Address: 70 Pacific Street
Apt. 665
Cambridge, Massachusetts 02139
Citizenship: Republic of Korea

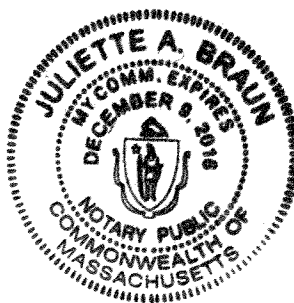
STATE/Commonwealth of MASSACHUSETTS
COUNTY OF MIDDLESEX:

On this 4 day of OCT, 2011, before me, the undersigned notary public,
personally appeared Juha Song, proved to me through satisfactory evidence of
identification, which were PASSPORT,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Juliette A. Braun
Notary Public

My commission expires: 12/9/2016



Date

Inventor: Steffen H. Reichert
Address: Helfergasse 1
70372 Stuttgart
GERMANY
Citizenship: Germany

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

ASSIGNMENT

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1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts non-profit corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on August 11, 2011 under No. 13/207,681, bearing Attorney Docket No. M0925.70294US01, and entitled ARTICULATING PROTECTIVE SYSTEM FOR RESISTING MECHANICAL LOADS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
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This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Christine Ortiz

Address: 43 Granite Street

Melrose, MA 02176

Citizenship: US

STATE/Commonwealth of _____
County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public,
personally appeared Christine Ortiz, proved to me through satisfactory evidence of
identification, which were _____,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Mary C. Boyce

Address: 41 Calumet Road

Winchester, Massachusetts 01890

Citizenship: US

STATE/Commonwealth of _____

County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Mary C. Boyce, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Juha Song

Address: 70 Pacific Street

Apt. 665

Cambridge, Massachusetts 02139

Citizenship: Republic of Korea

STATE/Commonwealth of _____

County of _____:

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Juha Song, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

09/20/2011
Date

Steffen H. Reichert
Inventor: Steffen H. Reichert
Address: Helfergasse 1
70372 Stuttgart
GERMANY
Citizenship: Germany

Witness:
9/20/2011
Date

Tobias Schwinn
Signature

Name: TOBIAS SCHWINN
Address: BISMARCKPLATZ 3
70197 STUTTGART

Witness:
09/20/2011
Date

Karla Dirichs
Signature

Name: KARLA DIRICHS
Address: LESSINGSTR. 12
70174 STUTTGART