

## PATENT ASSIGNMENT

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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>Ian W. Hunter</td> <td>10/25/2011</td> </tr> <tr> <td>Andrew J. Taberner</td> <td>10/27/2011</td> </tr> <tr> <td>N. Catherine Hogan</td> <td>10/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ian W. Hunter	10/25/2011	Andrew J. Taberner	10/27/2011	N. Catherine Hogan	10/25/2011		
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<table border="1"> <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
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13269322</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13269322						
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CORRESPONDENCE DATA											
<p>Fax Number: (617)523-1231</p> <p>Phone: 617-523-1000</p> <p>Email: clawlor@goodwinprocter.com, patentBos@goodwinprocter.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: GOODWIN PROCTER LLP-PATENT ADMINISTRATOR</p> <p>Address Line 1: 53 STATE STREET</p> <p>Address Line 4: BOSTON, MASSACHUSETTS 02109</p>											
ATTORNEY DOCKET NUMBER:	MIT-204										
NAME OF SUBMITTER:	Natasha C. Us.										
<p>Total Attachments: 12</p> <p>source=MIT_204_Assignment#page1.tif</p>											

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Ian W. Hunter; Andrew J. Taberner; and N. Catherine Hogan (hereinafter referred to as Assignors), residing at Six Oakdale Lane, Lincoln, Massachusetts 01773; 4/6 Penrhyn Road, Auckland 1024, NEW ZEALAND; and 107 South Street, No. 5b, Boston, Massachusetts 02111, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in DELIVERY OF A SOLID BODY AND/OR A FLUID USING A LINEAR LORENTZ-FORCE ACTUATED NEEDLE-FREE JET INJECTION SYSTEM, set forth in a Patent application for Letters Patent of the United States, already filed on October 7, 2011 as U.S. Application No. 13/269,322; and

**WHEREAS**, Massachusetts Institute of Technology, a Corporation organized under and pursuant to the laws of Massachusetts having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139-4307 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

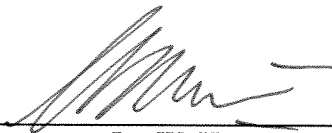
**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

GOODWIN PROCTER LLP

All practitioners at Customer Number 051414

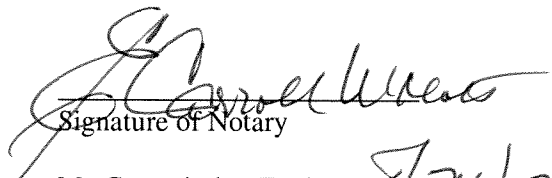
**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

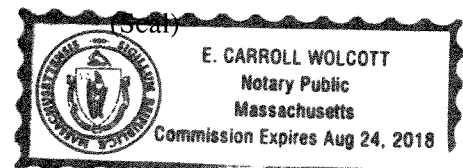
  
\_\_\_\_\_  
Ian W. Hunter

Date: 25 Oct 2011

Commonwealth/State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this 25 day of Oct, 2011, before me, the undersigned Notary Public, personally appeared **Ian W. Hunter**, proved to me through satisfactory evidence of identification, which was/were Ian Hunter to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
\_\_\_\_\_  
Signature of Notary  
My Commission Expires: 8/24/2018



\_\_\_\_\_  
Date

\_\_\_\_\_  
Andrew J. Taberner

**Witness:**

\_\_\_\_\_

\_\_\_\_\_

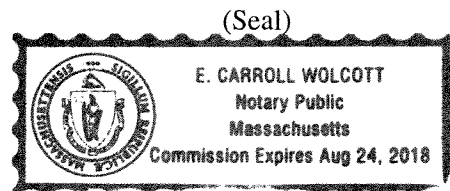
N. Catherine Hogan  
N. Catherine Hogan

Date: 25 Oct 2011

Commonwealth/State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this 25 day of Oct, 2011, before me, the undersigned Notary Public, personally appeared **N. Catherine Hogan**, proved to me through satisfactory evidence of identification, which was/were N. Catherine Hogan, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

E. Carroll Wolcott  
Signature of Notary  
My Commission Expires: 10/25/2018





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GOODWIN PROCTER LLP

All practitioners at Customer Number 051414

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\_\_\_\_\_  
Ian W. Hunter

Date: \_\_\_\_\_

Commonwealth/State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me, the undersigned Notary Public, personally appeared **Ian W. Hunter**, proved to me through satisfactory evidence of identification, which was/were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

(Seal)

\_\_\_\_\_  
Signature of Notary

My Commission Expires: \_\_\_\_\_

PATENT


REEL: 027447 FRAME: 0367

27-October 2011  
Date

  
Andrew J. Taberner

Witness:

27-10-2011  
Date

 Peter Baythorpe

\_\_\_\_\_  
N. Catherine Hogan

Date: \_\_\_\_\_

Commonwealth/State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me, the undersigned Notary Public, personally appeared **N. Catherine Hogan**, proved to me through satisfactory evidence of identification, which was/were \_\_\_\_\_, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

\_\_\_\_\_  
Signature of Notary

(Seal)

My Commission Expires: \_\_\_\_\_

PATENT