

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Timothy M. Swager	01/05/2007
Trisha L. Andrew	01/05/2007
Samuel W. Thomas III	01/05/2007
Jean Bouffard	01/05/2007
<b>RECEIVING PARTY DATA</b>	
Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12693868
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(617)646-8646
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	patents_TimO@Wolfgreenfield.com
Correspondent Name:	Wolf Greenfield & Sacks, P.C.
Address Line 1:	600 Atlantic Avenue
Address Line 4:	Boston, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M0925.70179US03 ASSIGNMEN
NAME OF SUBMITTER:	Timothy J. Oyer
Total Attachments: 5 source=M092570179US03-ASSIGN-TJO#page1.tif source=M092570179US03-ASSIGN-TJO#page2.tif	

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**PATENT**  
**REEL: 024923 FRAME: 0141**

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**ASSIGNMENT**

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

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 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 October 16, 2006 under Serial No. 11/581,777, bearing Attorney Docket No. M0925.70179US01, and entitled DETERMINATION OF EXPLOSIVES INCLUDING RDX, and in and to said application and all 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 on any of said 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 said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said 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 said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said 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 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; 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.

602246.3

**COPY**Date Jan 5, 2007Inventor: Timothy M. SwagerAddress: 18 Copley Street  
Newton, MA 02158

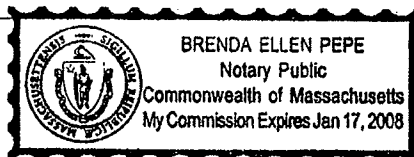
Citizenship: U.S.

STATE/Commonwealth of Massachusetts :COUNTY OF Middlesex :

On this 5<sup>th</sup> day of January, 2007, before me, the undersigned notary public, personally appeared Timothy M. Swager, proved to me through satisfactory evidence of identification, which were Massachusetts 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 Brenda Ellen Pepe  
Notary Public

My commission expires \_\_\_\_\_



**COPY**

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January 5, 2007  
Date

[Signature]  
Inventor: Trisha L. Andrew

Address: 100 Memorial Drive, Apt. 11-18C  
Cambridge, MA 02142

Citizenship: Canada

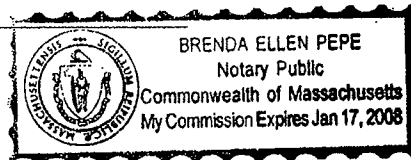
STATE/Commonwealth of Massachusetts :

COUNTY OF Middlesex :

On this 5 day of January, 2007 before me, the undersigned notary public, personally appeared Trisha L. Andrew, proved to me through satisfactory evidence of identification, which were her 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 Brenda Ellen Pepe  
Notary Public

My commission expires



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**PATENT**  
**REEL: 024923 FRAME: 0145**

**COPY**Date January 05, 2007Inventor: Samuel W. Thomas IIIAddress: 15-308 South Point Drive  
Boston, MA 02125

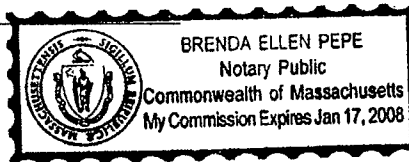
Citizenship: U.S.

STATE/Commonwealth of Massachusetts :COUNTY OF Middlesex :

On this 5<sup>th</sup> day of January, 2007 before me, the undersigned notary public, personally appeared Samuel W. Thomas III, proved to me through satisfactory evidence of identification, which were Mass. 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 Brenda Ellen Pepe  
Notary Public

My commission expires \_\_\_\_\_



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Date 2007/01/05

Inventor: Jean Bouffard  
Jean Bouffard

Address: 68 Pearl Street, 3<sup>rd</sup> Floor  
Cambridge, MA 02129

Citizenship: Canada

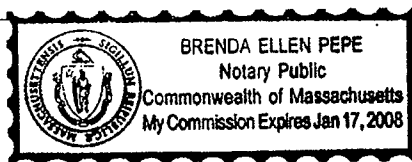
STATE/COMMONWEALTH OF MASSACHUSETTS :

COUNTY OF MIDDLESEX :

On this 5 day of JANUARY, 2007 before me, the undersigned notary public, personally appeared Jean Bouffard, proved to me through satisfactory evidence of identification, which were MA DRIVERS 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 Brenda Ellen Pepe  
Notary Public

My commission expires \_\_\_\_\_



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