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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
JOEL VORDMAN		11/16/2010	

RECEIVING PARTY DATA

Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Street Address: 77 MASSACHUSETTS AVE.		
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02139	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12867031

CORRESPONDENCE DATA

Fax Number:	6)878-0801			
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.				
Phone:	6468780800			
Email:	JSPTO@pearlcohen.com			
Correspondent Name:	PEARL COHEN ZEDEK LATZER BARATZ LLP			
Address Line 1:	1500 BROADWAY			
Address Line 2:	12TH FLOOR			
Address Line 4:	NEW YORK, NEW YORK 10036			
ATTORNEY DOCKET NUMBER:	P-70183-US			
NAME OF SUBMITTER:	CHRISTOPHER DEMARAS			
SIGNATURE:	/Christopher Demaras/			
DATE SIGNED:	10/21/2015			
Total Attachments: 2				
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<u>ASSIGNMENT</u>

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, I the undersigned, VOLDMAN, Joel residing at 55 Townsend Rd., Belmont, MA 02478, ; SKELLEY Alison M. residing at 55 Station Landing #302, Medford, MA 02155.

Hereby sell, assign and transfer to Massachusetts Institute of Technology, located at 77 Massachusetts Ave., Cambridge, MA 02139, Customer No:556961 its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Application No. 12/867,031, filed August 10, 2010, which is a National Phase Application of PCT International Application No. PCT/US09/33785, PCT International filing date February 11, 2009 and is entitled:

PARTICLE CAPTURE DEVICES AND METHODS OF USE THEREOF

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignce may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and

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all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

FULL NAME OF INVENTOR: VOLDMAN, Joel	FULL NAME OF WITNESS: Joseph Kay Kovac
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: 16/11/10 (day / month / year)	ADDRESS OF WITNESS: 4311 Pheasant Walk St. Fort Worth, TX 96133

FULL NAME OF INVENTOR:	FULL NAME OF WITNESS:
SKELLEY Alison M.	William H. Grover
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
alian Seller	Villing H. Murrer
	ADDRESS OF WITNESS:
DATE: 15/ 11/10	55 Station Ludg. # 302
(day / month / year)	Medford, MA 02155