

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>Brian VON HERZEN</td><td>06/04/2013</td></tr><tr><td>Steven VAN FLEET</td><td>05/22/2013</td></tr></table>		Name	Execution Date	Brian VON HERZEN	06/04/2013	Steven VAN FLEET	05/22/2013				
Name	Execution Date										
Brian VON HERZEN	06/04/2013										
Steven VAN FLEET	05/22/2013										
RECEIVING PARTY DATA											
<table><tr><td>Name:</td><td>MASTINC.</td></tr><tr><td>Street Address:</td><td>245 Park Avenue, 24th Floor</td></tr><tr><td>City:</td><td>New York</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10167</td></tr></table>		Name:	MASTINC.	Street Address:	245 Park Avenue, 24th Floor	City:	New York	State/Country:	NEW YORK	Postal Code:	10167
Name:	MASTINC.										
Street Address:	245 Park Avenue, 24th Floor										
City:	New York										
State/Country:	NEW YORK										
Postal Code:	10167										
PROPERTY NUMBERS Total: 1											
<table><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>13621599</td></tr></table>		Property Type	Number	Application Number:	13621599						
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Application Number:	13621599										
CORRESPONDENCE DATA											
Fax Number: 2027067920 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 202.706.7910											
Email: patentadmin@fanellihaag.com											
Correspondent Name: Fanelli Haag & Kilger PLLC											
Address Line 1: 1909 K Street, N.W., Suite 1120											
Address Line 4: Washington, DISTRICT OF COLUMBIA 20006											
ATTORNEY DOCKET NUMBER:	0092-0001-US1										
NAME OF SUBMITTER:	Dean L. Fanelli										
Signature:	/Dean L. Fanelli/										
Date:	06/07/2013										

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PATENT
REEL: 030568 FRAME: 0607

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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DECLARATION OF INVENTORSHIP AND ASSIGNMENT

WHEREAS, Brian VON HERZEN and Steven VAN FLEET, is an ASSIGNOR, hereby declares that:

(a) I have reviewed and understand the contents of the above identified application, including the claims. I believe that I am the original inventor or an original joint inventor of a claimed invention in NANOPARTICLE ENHANCED MULTI-MODAL FLUID CONDITION SENSOR PLATFORM AND SYSTEM THEREFOR, for which an application for a Patent of the United States, identified by Fanelli Haag & Kilger PLLC Docket No. 0092-0001-US1, which was filed on September 17, 2012 as Application No. 13/621,599. The above-identified application was made or authorized to be made by me.

(b) My legal name, citizenship and personal or employment mailing address appears below in the box which contains my signature.

(c) I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

(d) If applicable, I hereby grant the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO) and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application as filed; 2) and foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. Also, in accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

(e) Any claim for priority to an earlier filed US or foreign application appears in an Application Data Sheet which is or will be submitted into the file of the above-identified application.

(f) I acknowledge that any willful false statement made herein is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, MASTINC, a corporation having a place of business at 245 Park Avenue, 24th Floor, New York, NY 10167, US, ASSIGNEE, has obtained by employment or other agreement, or is desirous of obtaining each inventor's entire right, title and interest in, to and under the said invention, the said application and corresponding applications worldwide.

NOW, THEREFORE, in exchange for good and valuable consideration to each inventor,

the receipt and sufficiency of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the invention, including any United States provisional or non-provisional application embodying the invention or any other United States application claiming priority to a provisional application under 35 U.S.C. § 119(e) or converted therefrom, or to any application claiming the benefit of a non-provisional application under 35 U.S.C. § 120, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and, if applicable, all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and, if applicable, any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

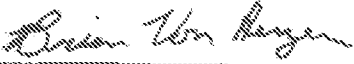
And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest previously or herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

•••

And each ASSIGNOR hereby authorizes the ASSIGNEE or its patent attorneys to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

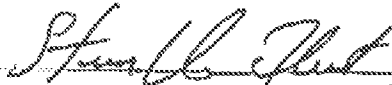
2 0 1	LEGAL NAME OF SINGLE OR JOINT INVENTOR	FAMILY NAME OR SURNAME VON HERZEN		GIVEN FIRST NAME Brian		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY Minden	STATE NV	COUNTRY USA	COUNTRY OF CITIZENSHIP United States		
	MAILING OR EMPLOYMENT ADDRESS OF INVENTOR	STREET 1353 Santa Cruz Drive					
		CITY Minden	STATE NV	ZIP CODE 89423	COUNTRY USA		
SIGNATURE OF INVENTOR 201 					DATE June 4, 2013		

Additional Inventors are being named on the following 1 page of Supplemental Sheet(s) attached hereto.

THE FOREGOING ASSIGNMENT IS AGREED TO AND ACCEPTED BY:

MASTINC

6/4/13
Date


Name: Steven Van Reer
Position or Title: PRESIDENT

SUPPLEMENTAL SHEET FOR DECLARATION

2 0 2	LEGAL NAME OF JOINT INVENTOR	FAMILY NAME OR SURNAME VAN FLEET		GIVEN FIRST NAME Steven		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY Lagrangeville		STATE NY	COUNTRY USA	COUNTRY OF CITIZENSHIP United States	
	MAILING OR EMPLOYMENT ADDRESS OF INVENTOR	STREET 74 Cunningham Drive					
		CITY Lagrangeville		STATE NY		ZIP CODE 12540	COUNTRY USA
SIGNATURE OF INVENTOR 202						DATE	
2 0 3	LEGAL NAME OF JOINT INVENTOR	FAMILY NAME OR SURNAME		GIVEN FIRST NAME		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY		STATE	COUNTRY	COUNTRY OF CITIZENSHIP	
	MAILING OR EMPLOYMENT ADDRESS OF INVENTOR	STREET					
		CITY		STATE		ZIP CODE	COUNTRY
SIGNATURE OF INVENTOR 203						DATE	
2 0 4	LEGAL NAME OF JOINT INVENTOR	FAMILY NAME OR SURNAME		GIVEN FIRST NAME		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY		STATE	COUNTRY	COUNTRY OF CITIZENSHIP	
	MAILING OR EMPLOYMENT ADDRESS OF INVENTOR	STREET					
		CITY		STATE		ZIP CODE	COUNTRY
SIGNATURE OF INVENTOR 204						DATE	

4246-2883 1858, v. 1

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(a) I have reviewed and understand the contents of the above identified application, including the claims. I believe that I am the original inventor or an original joint inventor of a claimed invention in **NANOPARTICLE ENHANCED MULTI-MODAL FLUID CONDITION SENSOR PLATFORM AND SYSTEM THEREFOR**, for which an application for a Patent of the United States, identified by Fanelli Haag & Kilger PLLC Docket No. 0092-0001-US1, which was filed on September 17, 2012 as Application No. 13/621,599. The above-identified application was made or authorized to be made by me.

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WHEREAS, MASTINC, a corporation having a place of business at 245 Park Avenue, 24th Floor, New York, NY 10167, US, ASSIGNEE, has obtained by employment or other agreement, or is desirous of obtaining each inventor's entire right, title and interest in, to and under the said invention, the said application and corresponding applications worldwide.

NOW, THEREFORE, in exchange for good and valuable consideration to each inventor,

the receipt and sufficiency of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the invention, including any United States provisional or non-provisional application embodying the invention or any other United States application claiming priority to a provisional application under 35 U.S.C. § 119(e) or converted therefrom, or to any application claiming the benefit of a non-provisional application under 35 U.S.C. § 120, including all divisions, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and, if applicable, all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by the ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this sale and assignment not been made;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and, if applicable, any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest previously or herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE or its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

And each ASSIGNOR hereby authorizes the ASSIGNEE or its patent attorneys to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

2 0 1	LEGAL NAME OF SOLE OR JOINT INVENTOR	FAMILY NAME OR SURNAME VON HERZEN		GIVEN FIRST NAME Brian		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY Minden	STATE NV	COUNTRY USA	COUNTRY OF CITIZENSHIP United States		
		MAILING OR EMPLOYMENT ADDRESS OF INVENTOR					
	STREET 1353 Santa Cruz Drive		CITY Minden	STATE NV	ZIP CODE 89423	COUNTRY USA	
SIGNATURE OF INVENTOR 101						DATE	

Additional Inventors are being named on the following 1 page of Supplemental Sheet(s) attached hereto.

THE FOREGOING ASSIGNMENT IS AGREED TO AND ACCEPTED BY:

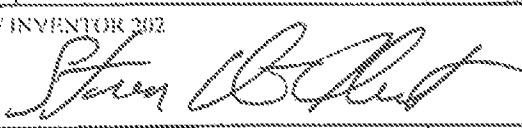
MASTINC

Date

Name: _____

Position or Title: _____

SUPPLEMENTAL SHEET FOR DECLARATION

2 0 2	LEGAL NAME OF JOINT INVENTOR	FAMILY NAME OR SURNAME VAN FLEET		GIVEN FIRST NAME Steven		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY Lagrangeville		STATE NY	COUNTRY USA	COUNTRY OF CITIZENSHIP United States	
		MAILING OR EMPLOYMENT ADDRESS OF INVENTOR		STREET 74 Cunningham Drive			
			CITY Lagrangeville	STATE NY	ZIP CODE 12540	COUNTRY USA	
SIGNATURE OF INVENTOR 202 						DATE 5/22/13	
2 0 3	LEGAL NAME OF JOINT INVENTOR	FAMILY NAME OR SURNAME		GIVEN FIRST NAME		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY		STATE	COUNTRY	COUNTRY OF CITIZENSHIP	
		MAILING OR EMPLOYMENT ADDRESS OF INVENTOR		STREET			
			CITY	STATE	ZIP CODE	COUNTRY	
SIGNATURE OF INVENTOR 203						DATE	
2 0 4	LEGAL NAME OF JOINT INVENTOR	FAMILY NAME OR SURNAME		GIVEN FIRST NAME		GIVEN MIDDLE NAME	
	RESIDENCE & CITIZENSHIP OF INVENTOR	CITY		STATE	COUNTRY	COUNTRY OF CITIZENSHIP	
		MAILING OR EMPLOYMENT ADDRESS OF INVENTOR		STREET			
			CITY	STATE	ZIP CODE	COUNTRY	
SIGNATURE OF INVENTOR 204						DATE	

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