PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2911452

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN SCHULKIN	01/31/2007
XI-CHENG ZHANG	01/31/2007

RECEIVING PARTY DATA

Name:	RENSSELAER POLYTECHNIC INSTITUTE	
Street Address:	110 8TH STREET	
City:	TROY	
State/Country:	NEW YORK	
Postal Code:	12180	

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	7808636
Application Number:	12886131

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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: 518-452-5600 rep@hrfmlaw.com

Correspondent Name: JEFF ROTHENBERG, ESQ. **Address Line 1:** 5 COLUMBIA CIRCLE

Address Line 2: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	0094.120A & 120B, 120P	
NAME OF SUBMITTER:	JEFF ROTHENBERG	
SIGNATURE:	/Jeff Rothenberg/	
DATE SIGNED:	06/24/2014	

Total Attachments: 4

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PATENT

502864855 REEL: 033167 FRAME: 0260

ASSIGNMENT

WHEREAS, WE, Brian Schulkin, a citizen of the United States, residing at 71 25th Street, Troy, NY 12180; and Xi-Cheng ZHANG, a citizen of the United States of America, residing at 51 Meadows Drive, Melrose, NY 12121, (INVENTORS) have invented certain new and useful improvements in METHOD FOR AUTO-BALANCE IN FREE-SPACE ELECTRO-OPTIC DETECTION OF THZ WAVES, for which WE have filed a provisional application for Letters Patent of the United States, Serial Number 60/884,428, on January 11, 2007; and

WHEREAS, Rensselaer Polytechnic Institute having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE, the said INVENTORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said provisional application, all non-provisional applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and WE hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that WE will communicate to the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and

PATENT REEL: 033167 FRAME: 0261 generally do everything possible to aid the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I here 31 day of January, 2007	
	Brian SCHULKIN
SCHULKIN, to me known and known to m	_, 2007, before me personally came Brian ne to be the person of that name, who signed and knowledged the same to be his free act and deed.
SANDRA M. MADIGAN NOTARY PUBLIC State Of New York No. 4704239 Qualified in Rensselaer County Commission Expires 10/31/0 7 IN TESTIMONY WHEREOF, I her day of, 2007	Notary Public reunto set my hand and seal this
	Xi-Cheng ZHANG
STATE OF NEW YORK)) ss.: COUNTY OF)	
	, 2007, before me personally came Xi-Cheng be the person of that name, who signed and sealed dged the same to be his free act and deed.
	Notary Public

PATENT REEL: 033167 FRAME: 0262

ASSIGNMENT

WHEREAS, WE, Brian Schulkin, a citizen of the United States, residing at 71 25th Street, Troy, NY 12180; and Xi-Cheng ZHANG, a citizen of the United States of America, residing at 51 Meadows Drive, Melrose, NY 12121, (**INVENTORS**) have invented certain new and useful improvements in METHOD FOR AUTO-BALANCE IN FREE-SPACE ELECTRO-OPTIC DETECTION OF THZ WAVES, for which WE have filed a provisional application for Letters Patent of the United States, Serial Number 60/884,428, on January 11, 2007; and

WHEREAS, **Rensselaer Polytechnic Institute** having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE, the said INVENTORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said provisional application, all non-provisional applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and WE hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that WE will communicate to the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and

PATENT REEL: 033167 FRAME: 0263 generally do everything possible to aid the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I here day of, 2007.	
	•
	Brian SCHULKIN
STATE OF NEW YORK)) ss.: COUNTY OF)	
SCHULKIN, to me known and known to me	2007, before me personally came Brian to be the person of that name, who signed and owledged the same to be his free act and deed.
	Notary Public
IN TESTIMONY WHEREOF, I here day of, 2007.	eunto set my hand and seal this Xi-Cheng ZHANG
STATE OF NEW YORK) SS.: COUNTY OF Renseare	
On this day of	2007, before me personally came Xi-Cheng be the person of that name, who signed and sealed ged the same to be his free act and deed.

Notary Public

PATENT REEL: 033167 FRAME: 0264

RECORDED: 06/24/2014

Commission Expires

SANDRA M. MADIGAN NOTARY PUBLIC State Of New York