PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xi-Cheng Zhang	08/11/2005
Tao Yuan	08/29/2005
Jingzhou Xu	08/23/2005
Haewook Han	10/12/2005

RECEIVING PARTY DATA

Name:	Rensselaer Polytechnic Institute			
Street Address:	110 8th Street			
City:	Troy			
State/Country:	NEW YORK			
Postal Code:	12180-3590			

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11121385	

CORRESPONDENCE DATA

Fax Number: (610)407-0701

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 610-407-0700

Email: kpcarney@ratnerprestia.com

Jacques L. Etkowicz Correspondent Name:

Address Line 1: P. O. Box 980

Valley Forge, PENNSYLVANIA 19482 Address Line 4:

ATTORNEY DOCKET NUMBER:	RPI-139US		
NAME OF SUBMITTER:	Jacques L. Etkowicz		

Total Attachments: 4

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PATENT REEL: 016653 FRAME: 0912

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ASSIGN	MENT	- Patent Application	Docket	Number: RPI-139US
Whereas, the Ass	ignor, con	prising the following named inve	ntors:	
ASSIGNOR(s)/ INVENTOR(s)	1. Xi-C	1. Xi-Cheng Zhang		Tao Yuan
	3. Jing	Jingzhou Xu		Haewook Han
	5.			
made an invention	n entitled:	FIELD INDUCED THZ WAVE EM	SSION MIC	CROSCOPE
(Select one of the f ☐ Îs executed ☐ was filed in	ollowing): cor(currer the U.S. F	Letters Patent of the United State of the United State of the Patent and Trademark Office on Nation Serial No.: 11/121,385		<u>05,</u>
ASSIGNEE (Full Name and Address) Rensselaer Polytechnic Institute 110 8th Street Troy, New York 12180-3590				

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Page 1 of 2 Modified 2/6/03

ASSIGNMENT - Patent Application

Docket Number: RPI-139US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printe	d Name	Signature	Date
2 SIGNATURE 4	1. Xi-Cheng Zhang	9	Deses	8 11 2005
	2. Tao Yuan		* Witness to Assignor #1	08/29/2005
	3. Jingzhou Xu	THE STATE OF THE S	* Witness to Assignor #2	08/23/2005
	4. Haewook Han		* Witness to Assignor #3	
	5.		* Witness to Assignor #4	
	6.	a chi rat tan da Na Market Market Na Mar	* Witness to Assignor #5	
		- marana and an and the selection of the	* Witness to Assignor #6	
Application for t	United States Letters	Patent:		
Serial No.:		11/121,38	<u>35</u>	
Filed:	Filed: May 4, 2005		005	
Attorney Docke	t Number:	RPI-139L		
Total Number of	f Assignment Pages	2	* Witness signature recommende	ed, mandatory for some countries

Page 2 of 2 Modified 2/6/03

4				
ASSIGN	MENT	- Patent Application	Docke	t Number: RPI-139US
Whereas, the Ass	ignor, cor	nprising the following named invent	ors:	
ASSIGNOR(s)/ INVENTOR(s)	1. Xi-Cheng Zhang			Tao Yuan
	3. Jing	zhou Xu	4.	Haewook Han
	5.		6.	
made an inventior	entitled:	FIELD INDUCED THZ WAVE EMISS	SION MI	CROSCOPE
for which an appli		Letters Patent of the United States:		
was filed in	the U.S. F	ntly herewith Patent and Trademark Office on <u>Ma</u> ation Serial No.: <u>11/121,385</u>	y 4, 200	<u>05</u> ,
ASSIGNEE (Full Name and A	ddress)	Rensselaer Polytechnic Institut 110 8th Street Troy, New York 12180-3590	•	
Now, ther Dollar (\$1.00), an Assignor, intendir assigns, the full a said invention, inc based thereon, at	efore, in o d for othe ng to be le nd exclus cluding all nd all Lette	consideration of the payment by Ass r good and valuable consideration, gally bound, hereby sells, assigns a ive right, title and interest in and to divisions, continuations, and contin	ignee the receipt indicate ind	the Letters Patent to be obtained therefor, to Assignor of a sum corresponding to One eipt of which is hereby acknowledged, nsfers to Assignee, its successors and vention, all applications for Letters Patent for e-in-part thereof, all rights to claim priority ed therefor, including any and all foreign
Assignor or entered into when the control of the co	hereby wa nich would	arrants that no assignment, sale, ag d conflict with this Assignment.	reemer	nt or encumbrance has been or will be made
legal representati possession, relat to execute all inst	ve thereo ing to the truments p	f, to supply all information and evide making and practice of said invention	nce of on, to te United	Assignee or its successors or assigns or a which the Assignor has knowledge or estify in any legal proceeding relating thereto, States of America and foreign countries in the out the intent of this instrument.
If the inve	ention req r as may	uires a biological deposit, Assignor be necessary to the validity of the p	also gra atent rig	ants to Assignee such control over any deposit ghts assigned herein.

Page 1 of 2 Modified 2/6/03

ASSIGNMENT - Patent Application

RECORDED: 10/18/2005

Docket Number: RPI-139US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printe	d Name	Signature	Date
	1. Xi-Cheng Zhan	9		
			* Witness to Assignor #1	White production and the state of the state
	2. Tao Yuan			
			* Witness to Assignor #2	
	3. Jingzhou Xu	•		
SIGNATURE		an ann an Armar Raghandaran tar Bregista abhainn	* Witness to Assignor #3	
	4. Haewook Han		Nan Hank	Oct. 12, 2005
	Euna Jung		Ty End	Oct , 12, 2005
			* Witness to Assignor #4	akka Mahayengan ana at dhampangan adagmannengan agawa anan anan anan
	5.			
			* Witness to Assignor #5	The state of the s
	6.			
			* Witness to Assignor #6	
Application for U	Jnited States Letters	Patent:		
Serial No.:		11/121,38	<u>35</u>	
Filed:		May 4, 20	005	
Attorney Docke	t Number:	RPI-139L	<u>us</u>	
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Page 2 of 2 Modified 2/6/03