PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2967879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZIRAN ZHAO	06/06/2014
ZHIQIANG CHEN	06/06/2014
YUANJING LI	06/06/2014
WANLONG WU	06/06/2014
YINONG LIU	06/06/2014
JIEQING YANG	06/06/2014
WENGUO LIU	06/06/2014
BIN SANG	06/06/2014
LEI ZHENG	06/06/2014

RECEIVING PARTY DATA

Name:	NUCTECH COMPANY LIMITED	
Street Address:	2ND FLOOR, BLOCK A, TONGFANG	
Internal Address:	BUILDING, SHUANGQINGLU	
City:	HAIDIAN DISTRICT, BEIJING	
State/Country:	CHINA	
Postal Code:	100084	
Name:	TSINGHUA UNIVERSITY	
Street Address:	NO.1, TSINGHUA YUAN	
City:	HAIDIAN DISTRICT, BEIJING	
State/Country:	CHINA	
Postal Code:	100084	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14246261	

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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: 612.332.5300

Email: mcaufman@merchantgould.com PATENT

502921280 REEL: 033462 FRAME: 0120

Correspondent Name: TONG WU **Address Line 1:** P.O. BOX 2903

Address Line 2: MERCHANT & GOULD P.C.

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	13496.0030FP01
NAME OF SUBMITTER:	TONG WU
SIGNATURE:	/Tong Wu/
DATE SIGNED:	08/05/2014

Total Attachments: 3

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PATENT REEL: 033462 FRAME: 0121

INSTRUCTIONS	U.S. ASSIGNMENT TO CORPORATION
WAY SAN AND SAN	
	WHEREAS,
Inventor(s) Name,	
Address, Citizenship	1. Ziran ZHAO residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 2. Zhiqiang CHEN residing at 2 nd Floor, Block A. TongFang Building. Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 3. Yuanjing LI residing at 2 nd Floor, Block A. TongFang Building. Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 4. Wanlong WU residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 5. Yinong LIU residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 6. Jieqing YANG residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 7. Wenguo LIU residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 8. Bin SANG residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China; 9. Lei ZHENG residing at 2 nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R. China and a citizen of P.R. China;
Check the appropriate box and fill in the requested information: select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution; select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before	(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled WIDEBAND MICROSTRIP ANTENNAS AND ANTENNA ARRAYS and which: □ is the national stage application of International Application No. ———————————————————————————————————
recordation; select the third check box if the application was previously filed and provide the serial number.	

and filing date before sending the assignment for execution; or

 select the fourth check box if the application will be filed with the application.

Name of Corporation

AND WHEREAS <u>Nuctech Company Limited</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>P.R. China</u>, and having an office and place of business at 2nd Floor, Block A. TongFang Building, Shuangqinglu, Haidian District, Beijing 100084, P.R.

AND WHEREAS Tsinghua University (herein called "ASSIGNEE"), a corporation organized under the laws of <u>P.R. China</u>, and having an office and place of business at <u>No.1. Tsinghua Yuan, Haidian District, Beijing 100084, P.R.</u>

State or Country of Incorporation and Address wishes to acquire the entire right, litle and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREPORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for all countries in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in all countries for Letters Patent on the said invention including as assignment of all rights under the provisions of the International Convention, and all Letters Patent of all countries which may be granted therefrom; and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date Note: No legalization or other witness required

440	Signature:	Date:
Name: Ziran ZHAO	Ziran ZMAO	2014.6.6
Name: Zhiqiang CHEN	Signature:	Date:
	Zhi liang Chen	2014-6-6
Name: Yuanjing LI	Signature:	Date:
	y.	244-66
Name: Wanlong WU	Signature:	Date:
	Woodong Wu	2014.6.6
Name: Yinong LIU	Signature:	Date:
	Thong his	7214.6.6
Name: Jieqing YANG	Signature: Jieging Yang	Date:
	J'ed and 1991	WIN a D
Name: Wenguo LIU	Signature:	Date:
	Wangeen Liv	2019,6.6
Name: Bin SANG	Signature: Lang thin	Date: 2014 6.6
		2014, 8.0
Name: Lei ZHENG	Signature:	Date:
	Lei zheng	2014, 6.6