PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3007748

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG SUN	05/06/2014
XU WANG	05/06/2014
JIA WANG	05/06/2014
YUN WU	05/06/2014
YUSHENG HE	05/06/2014
HONG LI	05/06/2014
JIANGMING HUANG	05/06/2014
SHENG LUO	05/06/2014
MYKOLA CHERPAK	05/06/2014
VALERII SKRESANOV	05/06/2014
OLEKSANDR BARANNYK	05/06/2014
VOLODYMYR GLAMAZDIN	05/06/2014
OLEKSANDR SHUBNY	05/06/2014

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502961150 REEL: 033662 FRAME: 0167

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State/Country:	UKRAINE
Postal Code:	61085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14195578

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ATTORNEY DOCKET NUMBER:	CSPTAL74.001AUS
NAME OF SUBMITTER:	RAYMOND D. SMITH (REG. NO. 55,634)
SIGNATURE:	/Raymond D. Smith/
DATE SIGNED:	09/03/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 15

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: CSPTAL74.001AUS

Page 1 of 15

Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR

Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming HUANG; Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Volodymyr

GLAMAZDIN; and Oleksandr SHUBNY

Declaration

This Declaration is directed to the application identified above that:

Was filed **March 3**, **2014** as U.S. Application No. **14/195,578** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, above-identified inventors (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, Institute of Physics, Chinese Academy of Sciences, with its principal place of business at No. 8 South Street 3, Zhongguancun, Haidian District, Beijing 100190 CHINA; Beijing Huarong Tianchuang Superconduct Technology Development Co., Ltd., with its principal place of business at No. 2, Jingshuyuan Road, Haidian District, Beijing 100083 CHINA; University of Science and Technology Beijing, with its principal place of business at No. 30, Xueyuan Road, Haidian District, Beijing 100083 CHINA; and O. Ya. Institute for Radiophysics and Electronics of National Academy of Sciences of Ukraine, with its principal place of business at No. 12, Acad. Proskury str., Kharkiv, 61085, Ukraine (hereinafter the "ASSIGNEES"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEES, their successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: CSPTAL74.001AUS

Page 2 of 15

Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR

Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming HUANG; Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Volodymyr

GLAMAZDIN; and Oleksandr SHUBNY

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEES as the Applicant for all aforementioned patent properties, and authorizes and requests 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 related Letters Patent to the ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEES, their successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEES, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEES, their successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Docket No.: CSPTAL74.001AUS	Page 3 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong L Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BA GLAMAZDIN; and Oleksandr SHUBNY	l; Jiangming HUANG; ARANNYK; Volodymyr
Local Name of Inventory Lieuw OUN	
Legal Name of inventor: Liang SUN	
Signature: Date	e: May 6th, 2014
Witnessed by: Munguang Li	0,
Witness Name (printed): Chunguang Li	

Docket No.: CSPTAL74.001AUS	Page 4 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr GLAMAZDIN; and Oleksandr SHUBNY	g LI; Jiangming HUANG; BARANNYK; Volodymyr
Legal Name of inventor: Xu WANG	
Signature: Wh Wang	Pate: 2014,5,6
Witnessed by: Munguang Li	
Witness Name (printed): Chunguang Li	

Docket No.: CSPTAL74.001AUS	Page 5 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	-
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Vo GLAMAZDIN; and Oleksandr SHUBNY	HUANG; olodymyr
Legal Name of inventor: Jia WANG	
	4,5,6
Witnessed by:	
Witness Name (printed):	

Docket No.: CSPTAL74.001AUS	Page 6 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
nventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiang Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANN GLAMAZDIN; and Oleksandr SHUBNY	ming HUANG; YK; Volodymyr
egal Name of inventor: Yun WU	
	2014.5.6.
Witness Name (printed): Chunguang Li	

Witness Name (printed):

Docket No.: CSPTAL74.001AUS	Page 7 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong L Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BA GLAMAZDIN; and Oleksandr SHUBNY	l; Jiangming HUANG; RANNYK; Volodymyr
Legal Name of inventor: Yusheng HE	
Signature: Hoffuleg Date Witnessed by: Jung Will	12 VOIY. S. b.

Chunguang Li

Witness Name (printed): _

Docket No.: CSPTAL74.001AUS	Page 8 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming H Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Vo GLAMAZDIN; and Oleksandr SHUBNY	lUANG; lodymyr
Legal Name of inventor: Hong LI	
Signature: ATMYLI Date: 2014. Witnessed by: Chuyuang Li	.5,6.
Witness Name (printed):Chunguang Li	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: CSPTAL74.001AUS Page 9 of 15 Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming HUANG; Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Volodymyr GLAMAZDIN; and Oleksandr SHUBNY Legal Name of inventor: Jiangming HUANG Signature: Date: 2019.5.6.

Chunguang L

Witness Name (printed):

Docket No.: CSPTAL74.001AUS	Page 10 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jian Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANN GLAMAZDIN; and Oleksandr SHUBNY	gming HUANG; ∣YK; Volodymyr
Legal Name of inventor: Sheng LUO	
Signature:, Date:	2014.5.6.
Witnessed by: Chuyuum L'	

Chunguang Li

Witness Name (printed):

Docket No.: CSPTAL74.001AUS	Page 11 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	-
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangmi Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK GLAMAZDIN; and Oleksandr SHUBNY	ng HUANG; ; Volodymyr
Local Name of inventory Makels CUEDDAY	
Signature: Date:	zy 6th, 2014
Witness Name (printed): Chunguang Li	

Witness Name (printed): _

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: CSPTAL74.001AUS Page 12 of 15 Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming HUANG; Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Volodymyr GLAMAZDIN; and Oleksandr SHUBNY

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: CSPTAL74.001AUS Page 13 of 15 Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Jiangming HUANG; Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARANNYK; Volodymyr GLAMAZDIN; and Oleksandr SHUBNY Legal Name of inventor: Oleksandr BARANNYK Signature: Witnessed by: Witness Name (printed): Chunguang Li

Docket No.: CSPTAL74.001AUS	Page 14 of 15
Title: MEASURING WHISPERING-GALLERY-MODE R	ESONATOR
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Sheng LUO; Mykola CHERPAK; Valerii SKRES GLAMAZDIN; and Oleksandr SHUBNY	5 ,
Legal Name of inventor: Volodymyr GLAMAZDIN	
Signature:	Date: Mag 6th, 2014
Witnessed by:	Date: Meg 6th, 2014 Unn queny L'
Witness Name (printed): Chungua	

Docket No.: CSPTAL74.001AUS	Page 15 of 15
Title: MEASURING WHISPERING-GALLERY-MODE RESONATOR	
Inventors: Liang SUN; Xu WANG; Jia WANG; Yun WU; Yusheng HE; Hong LI; Ji Sheng LUO; Mykola CHERPAK; Valerii SKRESANOV; Oleksandr BARA GLAMAZDIN; and Oleksandr SHUBNY	angming HUANG; NNYK; Volodymyr
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Witnessed by: (Muny welly)	
Witness Name (printed):	

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PATENT REEL: 033662 FRAME: 0183

RECORDED: 09/03/2014