PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7677069

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LI YANG	12/05/2022
RONGBIN NIE	12/05/2022
YUNXIANG FENG	12/05/2022
CHENGWEI FENG	12/05/2022

RECEIVING PARTY DATA

Name:	NORTHEAST NORMAL UNIVERSITY
Street Address:	5268 RENMIN STREET
City:	CHANGCHUN, JILIN
State/Country:	CHINA
Name:	CHANGCHUN JINGKEOUDE SCIENCE AND EDUCATION INSTRUMENT CO., LTD.
Street Address:	101, UNIT 1, BUILDING 9, MINGDU CITY, ECO STREET,
Internal Address:	JINGYUE DEVELOPMENT ZONE
City:	CHANGCHUN, JILIN
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16827231

CORRESPONDENCE DATA

Fax Number:

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: 16175801293

Email: qianqianwu2016@gmail.com

Correspondent Name: QIANQIAN WU
Address Line 1: 64 BANK ST

Address Line 4: ABINGTON, MASSACHUSETTS 02351

ATTORNEY DOCKET NUMBER:	WK20-HX-DBSF-US-1928
NAME OF SUBMITTER:	QIANQIAN WU
SIGNATURE:	/Qianqian Wu/

PATENT 507630173 REEL: 061981 FRAME: 0001

Total Attachments: 4
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PATENT REEL: 061981 FRAME: 0002

Attorney Docket Number	WK20-HX-DBSF-US-1928
Title of Invention	PENCIL-LIKE OPTICAL FIBER SENSOR PROBE, PORTABLE IMMUNOSENSOR AND USE THEREOF
	i, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	1st Assignee:: Northeast Normal University 2nd Assignee: Changchun JingKeOuDe Science and Education Instrument Co., Ltd
having a po	ostal address of 1st Assignee Address: 5268 Renmin Street, Changchun; Jilin Province, China 130024 2nd Assignee Address: 101, unit 1, building 9, Mingdu City, Eco street, Jingyue Development Zone, Changchun, JiLin Province, China 130061
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, co	W. THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any intinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, in and maintenance of said application or any other patent applications in the United States for said invention, including documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and the total ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within at a possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may it of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument, ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, administrators and other legal representatives.
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	SIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information iment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGNOR
Assignor	YANG,Li Date 03/19/2020
Signature	<u> </u>

PAGE 1 OF 4

Title of Invention PENCIL-LIKE OPTICAL FIBER SENSOR PROBE, PORTABLE IMMUNOSENSOR AND USE THEREOF WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a cinvention in the application identified by the title above. 1st Assignee:: Northeast Normal University WHEREAS. 2nd Assignee: Changchun JingKeOuDe Science and Education Instrument Co., L having a postal address of 1st Assignee Address: 5268 Renmin Street, Changchun, Jilin Province, China 130 2nd Assignee Address: 101, unit 1, building 9, Mingdu City, Eco street, Jingyue Development Zone, Changchun, JiLin Province, China 130061 (referred to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknow ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest said invention and application throughout the United States of America, including any and all patents granted on division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial supplemental examination thereof.	
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ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNUSE and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assumed to be made.	lÉE's sole e term for
ASSIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.	nformation
LEGAL NAME OF ASSIGNOR	
Assignor: NIE,Rongbin Date: 03/19/2020	· -,
Signature:	········

PAGE 2 OF 4

Attorney Docket Number	WK20-HX-DBSF-US-1928
Tille of Invention	PENCIL-LIKE OPTICAL FIBER SENSOR PROBE, PORTABLE IMMUNOSENSOR AND USE THEREOF
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	SIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
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PAGE 3 OF 4

Signature:

FENG,Yunxiang Date 03/19/2020

Number
Tille of Invention PENCIL-LIKE OPTICAL FIBER SENSOR PROBE, PORTABLE IMMUNOSENSOR AND USE THEREOF
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ASSIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NAME OF ASSIGNOR
Assignor: FENG,Chengwei Date: 03/19/2020
Signature:

PAGE 4 OF 4

PATENT REEL: 061981 FRAME: 0006