

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6506251

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
YUANJIE SU	09/26/2020
QICHEN GONG	09/26/2020
GUANGZHONG XIE	09/26/2020
MINGLIANG YAO	09/26/2020
CHUNXU CHEN	09/26/2020
JINYANG YI	09/26/2020
LI JIA	09/26/2020
WEIZHI LI	09/26/2020
HUILING TAI	09/26/2020
XIAOSONG DU	09/26/2020
YADONG JIANG	09/26/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA
<b>Street Address:</b>	NO. 2006, XIYUAN AVENUE
<b>Internal Address:</b>	WEST HI-TECH ZONE
<b>City:</b>	CHENGDU
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	611731

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17153833

**CORRESPONDENCE DATA**

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PATENT

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**ATTORNEY DOCKET NUMBER:** CDDZ-01901-UUS

**NAME OF SUBMITTER:** SUZANNE SCHOLL

**SIGNATURE:** /Suzanne Scholl/

**DATE SIGNED:** 01/20/2021

**Total Attachments: 11**

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## ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	CDDZ-01901-UUS
Title of Invention	SELF-POWERED AUTOMOBILE EXHAUST GAS SENSOR AND PREPARATION METHOD THEREOF
<p>WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.</p> <p>WHEREAS, <span style="margin-left: 150px;">University of Electronic Science and Technology of China</span></p> <p>having a postal address of <span style="margin-left: 100px;">No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731</span></p> <p>(referred to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.</p> <p>ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.</p> <p>ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.</p> <p>ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 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.</p>	
LEGAL NAME OF ASSIGNOR	
Assignor: <u>Yuanjie SU</u>	Date: <u>2020.9.26</u>
Signature: <u>Yuanjie SU</u>	

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LEGAL NAME OF ASSIGNOR	
Assignor: <u>Qichen GONG</u>	Date: <u>2020 P.26</u>
Signature: <u>Qichen Gong</u>	

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LEGAL NAME OF ASSIGNOR	
Assignor: <u>Guangzhong XIE</u>	Date: <u>2020. 9. 26</u>
Signature: <u>Guangzhong XIE</u>	

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LEGAL NAME OF ASSIGNOR	
Assignor: <u>Mingliang YAO</u> Date: <u>2009.9.26</u>	
Signature: <u>Mingliang YAO</u>	

**ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION**

Attorney Docket Number	CDDZ-01901-UUS
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Title of Invention	SELF-POWERED AUTOMOBILE EXHAUST GAS SENSOR AND PREPARATION METHOD THEREOF
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LEGAL NAME OF ASSIGNOR

Assignor: Chunxu CHEN Date: 2020.09.26

Signature: CHUNXU CHEN

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LEGAL NAME OF ASSIGNOR	
Assignor: <u>Jinyang Yi</u>	Date: <u>2020.9.26</u>
Signature: <u>Jinyang Yi</u>	



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LEGAL NAME OF ASSIGNOR	
Assignor: <u>LI JIA</u>	Date: <u>2020. 1. 26</u>
Signature: <u>LI JIA</u>	

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LEGAL NAME OF ASSIGNOR	
Assignor: <u>Weizhi Li</u>	Date: <u>2023. 9. 26</u>
Signature: <u>Weizhi Li</u>	

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LEGAL NAME OF ASSIGNOR

Assignor: Huiling TAI Date: 2022. 4. 26

Signature: Huiling TAI

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Attorney Docket Number	CDDZ-01901-UUS
Title of Invention	SELF-POWERED AUTOMOBILE EXHAUST GAS SENSOR AND PREPARATION METHOD THEREOF
<p>WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.</p> <p>WHEREAS, <span style="float: right;">University of Electronic Science and Technology of China</span></p> <p>having a postal address of <span style="float: right;">No. 2006, Xiyuan Ave, West Hi-Tech Zone, Chengdu, Sichuan, China, 611731</span></p> <p>(referred to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.</p> <p>ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.</p> <p>ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.</p> <p>ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 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.</p>	
LEGAL NAME OF ASSIGNOR	
Assignor: Xiaosong DU	Date: <u>2024 9 26</u>
Signature: <u>Xiaosong Du</u>	

## ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	CDDZ-01901-UUS
Title of Invention	SELF-POWERED AUTOMOBILE EXHAUST GAS SENSOR AND PREPARATION METHOD THEREOF

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(referred to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.

ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

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LEGAL NAME OF ASSIGNOR

Assignor: Yadong JIANG Date: 2020. 9. 26

Signature: Yadong JIANG