

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6019991

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHUNG CHIUN LIU	03/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CASE WESTERN RESERVE UNIVERSITY
<b>Street Address:</b>	10900 EUCLID AVENUE
<b>City:</b>	CLEVELAND
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44106
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15512813
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)621-4072
<i>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.</i>	
<b>Phone:</b>	216-621-2234
<b>Email:</b>	jsherrill@tarolli.com
<b>Correspondent Name:</b>	RICHARD A. SUTKUS
<b>Address Line 1:</b>	1300 E. 9TH STREET
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	CWR-023301US PCT
<b>NAME OF SUBMITTER:</b>	RICHARD A. SUTKUS
<b>SIGNATURE:</b>	/Richard A. Sutkus/
<b>DATE SIGNED:</b>	03/18/2020
<b>Total Attachments: 1</b>	
source=CWR023301USPCTASSIGNMENT#page1.tif	

ASSIGNMENT

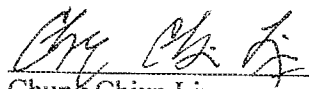
WHEREAS, I, Chung Chiun Liu, of Cleveland Heights, County of Cuyahoga, State of Ohio, have made new and useful improvements in **SENSOR FOR VOLATILE ORGANIC COMPOUND DETECTION**; for which application for Letters Patent of the United States has been filed on March 20, 2017, under Serial No. 15/512,813; and

WHEREAS, Case Western Reserve University, is a tax-exempt nonprofit organization duly organized and existing under the laws of the State of Ohio, having a place of business at 10900 Euclid Avenue, City of Cleveland, County of Cuyahoga, State of Ohio;

WHEREAS, Case Western Reserve University and Chung-Chiun Liu have certain rights and responsibilities pursuant to the Case Western Reserve University Intellectual Property Policy; and

WHEREAS, the Case Western Reserve University Intellectual Property Policy provides that Case Western Reserve University owns the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to me paid, the receipt whereof is hereby acknowledged, I, the said Chung Chiun Liu, do hereby assign unto the said Case Western Reserve University, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 15/512,813, for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and I hereby request 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, to issue such patents to the said Case Western Reserve University, its successors or assigns; and I further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said Case Western Reserve University, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said Case Western Reserve University, its successors or assigns.

  
Chung Chiun Liu

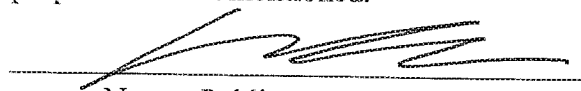
STATE OF OH )

COUNTY OF Cuyahoga )

On this 11<sup>th</sup> day of March, 2020, Hc personally appeared before me Chung Chiun Liu, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



HONGMAN CHEN  
NOTARY PUBLIC  
STATE OF OHIO  
Recorded in  
Cuyahoga County  
My Comm. Exp. 9/28/2023

  
Notary Public