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U.S. DEPARTMENT OF COMMERCE  
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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Marc J. Madou  
Sheng Yao

4.11.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 03/18/2002 &amp; 04/01/2002

## 2. Name and address of receiving party(ies)

Name: The Ohio State University

Internal Address:

Street Address: 1960 Kenny Road

City: Columbus State: Ohio Zip: 43210-1063

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/975,475

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Roger A. Gilcrest

Internal Address:

Street Address: Standley &amp; Gilcrest LLP, 495 Metro

Place South, Suite 210

City: Dublin State: Ohio Zip: 43017

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Roger A. Gilcrest

Name of Person Signing

Signature

April 3, 2002

Date

Total number of pages including cover sheet, attachments, and documents 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

04/19/2002 LMUELLER 00000007 09975475

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PATENT  
REEL: 012797 FRAME: 0586

### ASSIGNMENT

This assignment is made by Marc J. Madou, residing at 3526 Georgia Street, City of San Diego, State of California 92101 and Sheng Yao, residing at 2100 Harwitch Road, City of Upper Arlington, State of Ohio 43221 ("ASSIGNORS") to The Ohio State University, a non-profit organization organized under the laws of the State of Ohio and having an office at 1960 Kenny Road, City of Columbus, State of Ohio 43210-1063 ("ASSIGNEE").

FOR ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to our invention entitled ELECTROCHEMICAL DETECTORS BASED ON METAL OXIDES, as described and/or claimed in an application for patent of the United States of America, Serial No. 09/975,475 (If said number is not herein written, ASSIGNORS authorize said number to be supplied hereafter.) ASSIGNORS further do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to ASSIGNORS' invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNORS HEREBY AUTHORIZE ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEE's name.

ASSIGNORS HEREBY PROMISE AND AGREE that ASSIGNOR will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNORS will, at any time, upon the request and without further consideration, but at the expense of ASSIGNEE, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives. ASSIGNORS will, at any time, upon the request and at the expense of ASSIGNEE, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to ASSIGNEE. ASSIGNORS will make all rightful oaths, and do all lawful acts required

for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEE.

Marc J. Madou  
Marc J. Madou

STATE OF CALIFORNIA :

SS: 551 557 438

COUNTY OF SAN DIEGO :

Before me personally appeared **Marc J. Madou**, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 18<sup>th</sup> of MARCH, 2002



Sheng Yao  
Notary Public

Sheng Yao  
Sheng Yao

STATE OF OHIO :

SS: 643 46 0966

COUNTY OF FRANKLIN :

Before me personally appeared **Sheng Yao**, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 15<sup>th</sup> of April, 2002

INA XIAO CHEN  
Notary Public

**"OFFICIAL SEAL"**  
INA XIAO CHEN  
NOTARY PUBLIC STATE OF ILLINOIS  
My Commission Expires 07/23/2002