| • | Docket No.: Oakland 4.1-17 | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| FORM PTO-1595 (Modified) 06 - 0 | 9-2009 U.S. DEPARTMENT OF COMMERC | | | | |
| | Patent and Trademark Off | | | | |
| | | | | | |
| To the Director of the United States Patent and Hauemark Unice | 63135 : Please record the attached documents or the new address(es) below. | | | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | | | |
| Xiangqun Zeng Lei Yu | Name: Oakland University | | | | |
| | Internal Address: | | | | |
| | Internal Address: | | | | |
| | | | | | |
| Additional names(s) of conveying party(ies) attached? Yes X No | | | | | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s): Zeng 05/11/2009; Yu 05/27/2009 | Street Address: 544 O'Dowd Hall | | | | |
| 🖾 Assignment 🔲 Merger | | | | | |
| Security Agreement Change of Name | City: Rochester | | | | |
| Joint Research Agreement | State: Michigan | | | | |
| Government Interest Assignment | | | | | |
| Executive Order 9424, Confirmatory License | Country: USA ZIP: 48309-4401 | | | | |
| □ Other | Additional name(s) & address(es) attached? Yes X No | | | | |
| 4. Application or patent numbers(s): | This document is being filed together with a new application | | | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | | | |
| | | | | | |
| 12/387,600 May 5, 2009 | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Additional numbers atta | ached? Yes X No | | | | |
| Additional numbers atta 5. Name and address to whom correspondence concerning document should be mailed: | ached? Yes X No 6. Total number of applications and patents involved: 1 | | | | |
| 5. Name and address to whom correspondence | 6. Total number of applications and patents involved:1 | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod | 6. Total number of applications and patents involved:1 | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. | 6. Total number of applications and patents involved:1 | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod | 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 □ Authorized to be charged to deposit account ⊠ Enclosed | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. | 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 Authorized to be charged to deposit account | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway | 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 □ Authorized to be charged to deposit account ⊠ Enclosed | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos | 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos State: Michigan ZIP: 48864 Phone Number: (517)347-4100 | 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 □ Authorized to be charged to deposit account ⊠ Enclosed □ None required (government interest not affecting title) 8. Payment Information: | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos State: Michigan ZIP: 48864 Phone Number: (517)347-4100 Fax Number: (517)347-4103 | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40.00 □ Authorized to be charged to deposit account ⊠ Enclosed □ None required (government interest not affecting title) 8. Payment Information: Deposit Account Number | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos State: Michigan ZIP: 48864 Phone Number: (517)347-4100 Fax Number: (517)347-4103 Email Address: ianmcld@comcast.net | 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 □ Authorized to be charged to deposit account ⊠ Enclosed □ None required (government interest not affecting title) 8. Payment Information: | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos State: Michigan ZIP: 48864 Phone Number: (517)347-4100 Fax Number: (517)347-4103 | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40.00 □ Authorized to be charged to deposit account ⊠ Enclosed □ None required (government interest not affecting title) 8. Payment Information: Deposit Account Number 13-0610 Authorized User Name Ian C. McLeod | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos State: Michigan ZIP: 48864 Phone Number: (517)347-4100 Fax Number: (517)347-4103 Email Address: ianmcld@comcast.net | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40.00 □ Authorized to be charged to deposit account ⊠ Enclosed □ None required (government interest not affecting title) 8. Payment Information: Deposit Account Number | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Ian C. McLeod Internal Address: IAN C. McLEOD, P.C. Street Address: 2190 Commons Parkway City: Okemos State: Michigan ZIP: 48864 Phone Number: (517)347-4100 Fax Number: (517)347-4103 Email Address: ianmcld@comcast.net 9. Signature: State: | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40.00 □ Authorized to be charged to deposit account ⊠ Enclosed □ None required (government interest not affecting title) 8. Payment Information: Deposit Account Number 13-0610 Authorized User Name Ian C. McLeod June 4, 2009 | | | | |

PATENT REEL: 022805 FRAME: 0336

ASSIGNMENT

we, XIANGQUN ZENG and LEI WHEREAS, YU. 3359 Eastwood Drive, Rochester Hills, residing at Michigan 48309 and 2995 Chapel Ave., #7d, Cherry Hill, New Jersey 08002, have invented jointly with YUE HUANG and ANDREW J. MASON certain new and useful improvements in IONIC LIQUID THIN LAYER SENSOR FOR ELECTROCHEMICAL AND/OR PIEZOELECTRIC MEASUREMENTS for which an application for United States Letters Patent was filed on May 5, 2009 and assigned Serial No.12/387,600 ; and

WHEREAS, Oakland University, a Michigan public institution of higher education, (hereinafter referred to as Assignee) of Rochester, State of Michigan is desirous of acquiring our undivided right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries as well as the right to priority.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, we the said XIANGQUN ZENG and LEI YU, sold, assigned and transferred our undivided have interest, and by these presents do sell, assign and transfer unto said Assignee our undivided interest to the said invention in the United States and its territorial possessions and in all foreign countries and our undivided right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent and Trademark Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the Assignee of our undivided right, title and interest in and to the same for the sole use and behoof of the said Assignee, its successors and assigns.

FURTHER, we agree that we will communicate to said Assignee or its representatives any facts known to us respecting said invention, and testify in any legal sign all lawful papers, execute all proceeding, divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

| | IN TESTIMONY | | | hereunto | set | my |
|-----------|--------------|-----|----|-------------|-----|----|
| hand this | <u> </u> | M | ay | , 2009. | | |
| Signed in | the Presence | of: | / | | | |

Xianggun

STATE OF MICHIGAN

COUNTY OF OAKLAND

On this 11th day of **-** , 2009, personally appeared before me the above named Xianggun Zeng to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be her free act and deed in and for the purposes set forth in said instrument.

ss.

:

:

| SEAL Jennifer L. Swlatowy Notary Public | Camper (| & Junation | |
|------------------------------------------------------------------------|-------------------|------------|--|
| Oakland County, Michigan Ay Commission Expires: 10-14-15 Commission | Notar Expires: | | |

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21th day of _____ , 2009. Signed in the Presence of:

STATE OF NEW JERSEY

COUNTY OF CAMDEN

On this 27^{th} day of May, 2009, personally appeared before me the above named Lei Yu to me known and known to me to be the person described in who executed the foregoing instrument and and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

ss.

SEAL

Notary Publi My Commission Expires:

My Comm. Exce 10/27 2 PATENT REEL: 022805 FRAME: 0339

RECORDED: 06/08/2009