

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Butrus T. Khuri-Yakub | 05/22/2007 |
| Arif Sanli Ergun | 05/04/2007 |
| G. Goksenin Yaralioglu | 05/09/2007 |
| Yongli Huang | 05/14/2007 |
| Sean Hansen | 05/11/2007 |
| RECEIVING PARTY DATA | |
| Name: | The Board of Trustees of the Leland Stanford Junior University |
| Street Address: | 1705 El Camino Real |
| City: | Palo Alto |
| State/Country: | CALIFORNIA |
| Postal Code: | 94306 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11707623 |
| CORRESPONDENCE DATA | |
| Fax Number: | (650)838-4350 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | dhengst@perkinscoie.com |
| Correspondent Name: | Perkins Coie LLP |
| Address Line 1: | 101 Jefferson Drive |
| Address Line 4: | Menlo Park, CALIFORNIA 94025 |
| ATTORNEY DOCKET NUMBER: | 60849-8029.US01 |
| NAME OF SUBMITTER: | R. Michael Ananian |
| Total Attachments: 5 | |

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ASSIGNMENT OF APPLICATION

Docket Number 60849-8029.US01

Whereas, the undersigned:

1. KHURI-YAKUB, Butrus
Palo Alto, CA 94306
2. ERGUN, Arif Sanli
Mountain View, CA 94043
3. Yaralioglu, G. Gökseven
Mountain View, CA 94040
4. HUANG, Yongli
San Jose, CA 95135
5. HANSEN, Sean
Sunnyvale, CA 94088

hereinafter termed "Inventors", have invented certain new and useful improvements in

CAPACITIVE MICROMACHINED ULTRASONIC TRANSDUCER (CMUT) WITH VARYING THICKNESS MEMBRANE

☒ for which an application for United States Patent was filed on February 16, 2007, Application No. 11/707,623.

WHEREAS, THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, a body having corporate powers under the laws of the State of California at Stanford, CA 94305 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 22 May, 2007

Butrus Khuri-Yakul 

Date: _____

Arif Sanli Ergun

Date: _____

G. Gökseven Yaralioglu

Date: _____

Yongli Huang

Date: _____

Sean Hansen

ASSIGNMENT OF APPLICATION

Docket Number 60849-8029.US01

Whereas, the undersigned:

1. KHURI-YAKUB, Burtis
Palo Alto, CA 94306
2. ERGUN, Arif Sanli
Mountain View, CA 94043
3. Yaralioglu, G. Göksenin
Mountain View, CA 94040
4. HUANG, Yongli
San Jose, CA 95135
5. HANSEN, Sean
Sunnyvale, CA 94088

hereinafter termed "Inventors", have invented certain new and useful improvements in

CAPACITIVE MICROMACHINED ULTRASONIC TRANSDUCER (CMUT) WITH VARYING THICKNESS MEMBRANE

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NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

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4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____

Burtis Khuri-Yakub

Date: 5/4/2007

Arif Sanli Ergun

Date: _____

G. Göksenin Yaralioglu

Date: _____

Yongli Huang

Date: _____

Sean Hansen

ASSIGNMENT OF APPLICATION

Docket Number 60849-8029.US01

Whereas, the undersigned:

1. KHURI-YAKUB, Burtis
Palo Alto, CA 94306
2. ERGUN, Arif Sanli
Mountain View, CA 94043
3. Yeralioglu, G. Göksenin
Mountain View, CA 94040
4. HUANG, Yongli
San Jose, CA 95135
5. HANSEN, Sean
Sunnyvale, CA 94088

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4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____

Burtis Khuri-Yakub

Date: _____

Arif Sanli Ergun

Date: 5/9/07

G. Göksenin Yeralioglu

Date: _____

Yongli Huang

Date: _____

Sean Hansen

| ASSIGNMENT OF APPLICATION | | Docket Number 60849-8029.US01 |
|---|---|--|
| Whereas, the undersigned: | | |
| 1. KHURI-YAKUB, Burtis Palo Alto, CA 94306 | 2. ERGUN, Arif Sanli Mountain View, CA 94043 | 3. Yeraloglu, G. Göksemin Mountain View, CA 94040 |
| 4. HUANG, Yongli San Jose, CA 95135 | | |
| 5. HANSEN, Sean Sunnyvale, CA 94088 | | |
| hereinafter termed "Inventors", have invented certain new and useful improvements in | | |
| CAPACITIVE MICROMACHINED ULTRASONIC TRANSDUCER (CMUT) WITH VARYING THICKNESS MEMBRANE | | |
| <input checked="" type="checkbox"/> for which an application for United States Patent was filed on <u>February 16, 2007</u> , Application No. <u>11/707,623</u> . | | |
| WHEREAS, <u>THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY</u> , a body having corporate powers under the laws of the State of California at Stanford, CA 94305 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries. | | |
| NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee: | | |
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| IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below: | | |
| Date: _____ | Burtis Khuri-Yakub | |
| Date: _____ | Arif Sanli Ergun | |
| Date: _____ | G. Göksemin Yeraloglu | |
| Date: <u>5/14/07</u> | Yongli Huang | |
| Date: _____ | Sean Hansen | |

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ASSIGNMENT OF APPLICATION

Docket Number 60849-8029.US01

Whereas, the undersigned:

1. KHURI-YAKUB, Burtis
Palo Alto, CA 94306
2. ERGUN, Arif Sanli
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IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____

Burtis Khuri-Yakub

Date: _____

Arif Sanli Ergun

Date: _____

G. Göksenin Yaralioglu

Date: _____

Yongli Huang

Date: May 11, 2007

Sean Hansen