### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3278183

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUN-ZEN CHEN	01/06/2015
HENRY J. H CHEN	01/06/2015
JEN-YI CHEN	01/06/2015
KUAN-HSUN CHIU	02/17/2014
KUANG-CHIEN HSIEH	01/06/2015

#### **RECEIVING PARTY DATA**

Name:	NATIONAL TSING HUA UNIVERSITY
Street Address:	NO. 101, SECTION 2, KUANG-FU ROAD,
City:	HSINCHU CITY
State/Country:	TAIWAN
Postal Code:	30013

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14182820

### **CORRESPONDENCE DATA**

**Fax Number:** (703)621-7155

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.

**Email:** mailroom@mg-ip.com

Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, P.C.

Address Line 1: 4000 LEGATO ROAD, SUITE 310

Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	4459/1375PUS1
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY
SIGNATURE:	/Joe McKinney Muncy/
DATE SIGNED:	03/23/2015

**Total Attachments: 6** 

source=2015-03-23-Assignment#page1.tif source=2015-03-23-Assignment#page2.tif

PATENT REEL: 035235 FRAME: 0037

503231565

source=2015-03-23-Assignment#page3.tif
source=2015-03-23-Assignment#page4.tif
source=2015-03-23-Assignment#page5.tif
source=2015-03-23-Assignment#page6.tif

PATENT REEL: 035235 FRAME: 0038

ATTORNEY DOCKET NO. 4459/1375PUS1

# MUNCY, GEISSLER, OLDS & LOWE, PLLC

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

	Application No. 14/182,820	Filed 18-FEB-2014
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***	
	WHEREAS, Sun-Zen CHEN; Henry J. H. CHEN; Jen-Yi CH	EN; Kuan-Hsun CHIU;
	Kuang-Chien HSIEII	
	(hereinafter designated as the undersigned) has (have) invented certain new an	d useful improvements in
Insert Title of Invention	CONDENSER MICROPHONE AND MANUFACTURING METHOD TI	HEREOF
	for which an application for Letters Patent of the United States of American undersigned (except in the case of a provisional application).	ca has been executed by the
Insert Date of Signing of Application	on	; and
Insert Name of Assignee	WHEREAS, National Tsing Hua University	
Insert Address of Assignee	of No. 101, Section 2, Kuang-Fu Road, Hsinchu City, Taiwan 30013, R.O.	C.
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated a acquiring the entire right, title and interest in and to said invention and in and may be granted therefor in the United States of America and  in any foreign countries.	is the Assignee) is desirous of d to any Letters Patent(s) that
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the receipt of which is hereby acknowledged, and other good and valuable contact has (have) sold, assigned and transferred, and by these presents does sell, and Assignee the full and exclusive right to the said invention in the United State dependencies and possessions and the entire right, title and interest in and to which may be granted therefor in the United States of America, its territories, and if the box above is designated, in any and all foreign countries;	onsideration, the undersigned assign and transfer unto said es of America, its territories, any and all Letters Patent(s)
	and to any and all divisions, reissues, continuations, conversions and extensio terms for which the same may be granted.	ns thereof for the full term or

Page 1 of 2

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Jan.6,2015	, , ,	Name of Inventor Um Sen Con
Date <b>Jan.6,2015</b>	· · · · · · · · · · · · · · · · · · ·	(signature) Sun-Zen CHEN  Name of Inventor Denny J. H. Chen
Date	1	(signature) Honry J. H. CHEN  Name of Inventor
Date		(signature) Jen-Yi CHEN  Name of Inventor
Date <b>Jan.6,2015</b>	·	(signature) Kuan-Hsun CHIU  Name of Inventor  Multimethical
Date	······································	(signature) Kuang-Chien HSIEH  Name of Inventor
		(signature)

### ATTORNEY DOCKET NO.

# MUNCY, GEISSLER, OLDS & LOWE, PLLC

4459/1375PUS1

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

	Application No14/182,820	Filed 18-FEB-2014
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***	
	WHEREAS, Sun-Zen CHEN; Henry J. H. CHEN; Jen-Yi CH	EN; Kuan-Hsun CHIU;
	Kuang-Chien HSIEH	
:	(hereinafter designated as the undersigned) has (have) invented certain new and	I useful improvements in
Insert Title of Invention	CONDENSER MICROPHONE AND MANUFACTURING METHOD TH	IEREOF
	for which an application for Letters Patent of the United States of Americandersigned (except in the case of a provisional application).	a has been executed by the
Insert Date of Signing of Application	on	; and
Insert Name of Assignee	WHEREAS, National Tsing Hua University	
Insert Address of Assignee	of No. 101, Section 2, Kuang-Fu Road, Hsinchu City, Taiwan 30013, R.O.C	
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as acquiring the entire right, title and interest in and to said invention and in and may be granted therefor in the United States of America and in any foreign countries.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the receipt of which is hereby acknowledged, and other good and valuable co has (have) sold, assigned and transferred, and by these presents does sell, a Assignee the full and exclusive right to the said invention in the United State dependencies and possessions and the entire right, title and interest in and to which may be granted therefor in the United States of America, its territories, d and if the box above is designated, in any and all foreign countries;	ensideration, the undersigned assign and transfer unto said es of America, its territories, any and all Letters Patent(s)
	and to any and all divisions, reissues, continuations, conversions and extension terms for which the same may be granted.	is thereof for the full term or

Page 1 of 2

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	*	Name of Inventor	· ·	
			(signature) Sue-Zen CHEN	
Date	annessanan saman sam	Name of Inventor		
Date 01-6	06-2015	Name of Inventor	(signature) Henry I. H. CHEN  Jen / Chen	
			(signature) Jen-Yi CHEN	
Date	·	Name of Inventor		
			(signature) Kuan-Hsun CHIU	
Date		Name of Inventor		
Approbated to published interest plants and interest probabilities on the published in the			(signature) Kvarg-Chien HSIEH	
Date	*	Name of Inventor		
			(signature)	

Page 2 of 2

### ATTORNEY DOCKET NO.

## MUNCY, GEISSLER, OLDS & LOWE, PLLC

4459/1375PUS1

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

	Application No. 14/182,820 Filed 18-FEB-2014
nsert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***
	WHEREAS, Sun-Zen CHEN; Henry J. H. CHEN; Jen-Yi CHEN; Kuan-Hsun CHIU;
	Kuang-Chien HSIEH
	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
nsert Title of Invention	CONDENSER MICROPHONE AND MANUFACTURING METHOD THEREOF
	for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).
nsert Date of Signing of Application	on; and
nsert Name of Assignee	WHEREAS, National Tsing Hua University
nsert Address of Assignee	of No. 101, Section 2, Kuang-Fu Road, Hsinchu City, Taiwan 30013, R.O.C.
CHECK BOX F APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;
	and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

Page 1 of 2

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date,	Name of Inventor		
		(signature) Sun-Zen CHEN	
Date	Name of Inventor		
		(signature) Henry J. H. CHEN	
Date	Name of Inventor		
		(signature) Jen-Yi CHEN	
Date Catring 17, 2014	Name of Inventor	Kuan Haun Chin	
<b>♥</b>		(signature) Kuan-Hsun CH(U	
Date	Name of Inventor		
		(signature) Kuang-Chion HSIEH	
Date	Name of Inventor	Anadolokiakidakikakikakikakikakikikiki halikikinin-ile edualih adambuma ena maramanan ana maraman mara	
		(signature)	

Page 2 of 2

PATENT REEL: 035235 FRAME: 0044