503193229 02/24/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3239846

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chang-Sheng Hsu	11/17/2014
Yuan-Sheng Lin	11/17/2014
Wei-Hua Fang	11/17/2014
Kuan-Yu Wang	11/17/2014
Yan-Da Chen	11/18/2014

RECEIVING PARTY DATA

Name: UNITED MICROELECTRONICS CORP.	
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park
City:	Hsin-Chu City
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14630620

CORRESPONDENCE DATA

Fax Number: (703)997-4517

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.

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Correspondent Name: WINSTON HSU Address Line 1: P.O.BOX 506

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	NAUP2392USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	02/24/2015

Total Attachments: 10 source=2183571#page1.tif source=2183571#page2.tif source=2183571#page3.tif

PATENT 503193229 REEL: 035021 FRAME: 0402

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PATENT REEL: 035021 FRAME: 0403

Title of Invention: MICROELECTROMECHANICAL SYSTEM MICROPHONE

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed	on	, or
☐ PCT international application	n number	fil	ed on	
The above-identified application was	s made or authorized	to be made by me	•	
I believe that I am the original invent application.	or or an original joint i	nventor of a claim	ed invention in	the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	Il false statement mad isonment of not more	e in this declaratio than five (5) years	n is punishable , or both.	•
In consideration of the payment by	UNITED MICROE CORP.	LECTRONICS	having a pos	stal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial	Park, Hsin-Ch	u City 300, T	aiwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar			receipt of whic	ch is hereby
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, an	nd to any and all impr ition and, in and to, all r any continuations, co	ovements which a Letters Patent to ontinuation-in-part	re disclosed in be obtained for divisions, rene	the said wals,
I hereby covenant that no assignment entered into which would conflict with		encumbrance has	s been or will be	e made or
I further covenant that ASSIGNEE w and documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters estify as to the same in	Patent and legal en any interference,	quivalents as n litigation proce	nay be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said inventio ecessary or desirable	n and said Letters to carry out the pro	Patent and sai poses thereof.	
Note: An application data sheet (PTC inventive entity, must accompany this				

Page 1 of 10

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Chang-Sheng Hsu

Date:

2014/11/17

Signature:

Chang- Shong Itsu.

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F#NPO-P0002E-US1201 DSC0-103U010724

NPO#NAU-P2392-USA:0 CUST#UMCD-2014-0552

> PATENT REEL: 035021 FRAME: 0405

Title of Invention: MICROELECTROMECHANICAL SYSTEM MICROPHONE

As the below named inventor, I here This declaration is directed to:	eby declare that:		
☑ The attached application, or	•		
☐ United States application nu	ımber	filed on	, or
☐ PCT international application	n number	filed on	
The above-identified application was	s made or authorized to be made	by me.	
l believe that I am the original invent application.	tor or an original joint inventor of	a claimed invention in the	
l hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr			
In consideration of the payment by	UNITED MICROELECTRO	NICS having a postal add	dress of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hs	sin-Chu City 300, Taiwar	ı, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1. nd valuable consideration.	.00), the receipt of which is he	ereby
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, ar	nd to any and all improvements watton and, in and to, all Letters Par r any continuations, continuation	which are disclosed in the atent to be obtained for said -in-part, divisions, renewals.	
l hereby covenant that no assignmen entered into which would conflict with	nt, sale, agreement or encumbra h this assignment;	nce has been or will be made	or
I further covenant that ASSIGNEE wand documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters Patent and estify as to the same in any interf	I legal equivalents as may be rerence, litigation proceeding	ots
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have h	olication, said invention and said ecessary or desirable to carry ou	Letters Patent and said the proposes thereof.	of signing)
Note: An application data sheet (PTG inventive entity, must accompany thi			

Page 3 of 10

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Yuan-Sheng Lin	Date:	2014.11.17		
Signature:	Yuan-shong lin				

Page 4 of 10

Title of Invention: MICROELECTROMECHANICAL SYSTEM MICROPHONE

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed o	n	, or
☐ PCT international application	n number	file	d on	
The above-identified application was	made or authorized to be	made by me.		
I believe that I am the original invent application.	or or an original joint invent	or of a claimed	l invention in th	ie
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this isonment of not more than t	nis declaration five (5) years,	is punishable or both.	
In consideration of the payment by	UNITED MICROELEC CORP.	TRONICS	having a posta	al address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park	k, Hsin-Chu	City 300, Tai	iwan, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar ad valuable consideration.	(\$ 1.00), the r	eceipt of which	is hereby
I hereby sell, assign and transfer to A the entire right, title and interest in an invention as above-identified applica- invention by the above application or substitutes, or extensions thereof, an	nd to any and all improvemention and, in and to, all Lette any continuations, continu	ents which are rs Patent to be ation-in-part, d	disclosed in the obtained for salivisions, renew	e aid ⁄als.
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encu n this assignment;	mbrance has b	een or will be r	made or
I further covenant that ASSIGNEE wand documents relating to said inventance known and accessible to I and will terelated thereto and will promptly executed.	ition and said Letters Paten stify as to the same in any i	t and legal equinterference, lit	uivalents as ma tigation proceed	ıv be
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention and cessary or desirable to carr	said Letters P y out the prop	atent and said oses thereof.	Date of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), inclus s form. Use this form for <u>ea</u>	uding naming t ch additional ir	he entire	

Page 5 of 10

LEGAL NAI	ME OF INVENTOR(ASSIGNOR)		1. 1.
Inventor:	Wei-Hua Fang	Date:	2014/11/17
Signature:	Wei-Hua Fang		

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Title of Invention: MICROELECTROMECHANICAL SYSTEM MICROPHONE

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed	on	, or
☐ PCT international application	n number	file	ed on	***************************************
The above-identified application was	made or authorized	to be made by me.		
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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One od valuable considera	Dollar (\$ 1.00), the ion.	receipt of which	h is hereby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified applica- invention by the above application or substitutes, or extensions thereof, an	nd to any and all impr tion and, in and to, all rany continuations, co	overnents which ar Letters Patent to b ontinuation-in-part.	e disclosed in the obtained for some divisions, renew	he said wals.
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or n this assignment;	encumbrance has	been or will be	made or
I further covenant that ASSIGNEE wi and documents relating to said inven known and accessible to I and will te related thereto and will promptly exer	tion and said Letters stify as to the same in	Patent and legal ed any interference,	quivalents as m litigation procee	av be
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention cessary or desirable t	n and said Letters I o carry out the pro	Patent and said poses thereof.	Date of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent s form. Use this form	o, including naming for <u>each additional</u>	the entire inventor.	

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LEGAL NAI			
Inventor:	Kuan-Yu Wang	Date:	2014/11/17
Signature:	Kuan-Yu Wang		

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Title of Invention: MICROELECTROMECHANICAL SYSTEM MICROPHONE

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☑ The attached application, or			
☐ United States application nu	filed on	, or	
☐ PCT international application	filed on		
The above-identified application was	s made or authorized to be r	nade by me.	
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In consideration of the payment by	UNITED MICROELECT	FRONICS havir	ng a postal address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park	, Hsin-Chu City	300, Taiwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar		(\$ 1.00), the receipt	of which is hereby
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, ar	nd to any and all improveme ition and, in and to, all Lette r any continuations, continu	ents which are disclors rs Patent to be obta ation-in-part, division	osed in the ined for said ns, renewals,
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encur h this assignment;	mbrance has been o	or will be made or
I further covenant that ASSIGNEE w and documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters Paten estify as to the same in any i	t and legal equivaler nterference, litigatio	nts as may be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said invention and ecessary or desirable to carr	said Letters Patent y out the proposes t	and said thereof.
Note: An application data sheet (PT0 inventive entity, must accompany thi			

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NPO#NAU-P2392-USA:0 CUST#UMCD-2014-0552

LEGAL NAME OF INVENTOR(ASSIGNOR)									
Inventor:	Yan-Da Chen			Date:	11/18	NOV	dament dament	8	2014
Signature:	Yan-Da	Chen.							_

Page 10 of 10

NPO#NAU-P2392-USA:0 CUST#UMCD-2014-0552

RECORDED: 02/24/2015

F#NPO-P0002E-US1201 DSC0-103U010724

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