PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2965469

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUI-LUN CHEN	07/24/2014
WEI-HSIAO CHEN	07/25/2014
CHIEN-TANG WANG	07/25/2014
NAN LIU	07/21/2014
ROLAND V. GELDER	07/21/2014
CHUN-HAO SU	07/25/2014

RECEIVING PARTY DATA

Name:	HIMAX DISPLAY, INC.		
Street Address:	NO. 26, ZILIAN RD., XINSHI DIST.		
City:	TAINAN CITY		
State/Country:	TAIWAN		
Postal Code:	74148		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14449940	

CORRESPONDENCE DATA

Fax Number: (949)660-0809

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.

Phone: 9496600761

jcpatents@sbcglobal.net Email:

Correspondent Name: J.C. PATENTS

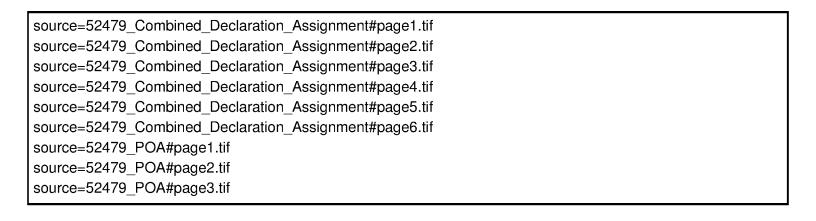
Address Line 1: 4 VENTURE, SUITE 250 Address Line 4: **IRVINE, CALIFORNIA 92618**

ATTORNEY DOCKET NUMBER:	JCLA52479
NAME OF SUBMITTER:	JIAWEI HUANG
SIGNATURE:	/JIAWEI HUANG/
DATE SIGNED:	08/01/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 9

PATENT

REEL: 033448 FRAME: 0558 502918871



PATENT REEL: 033448 FRAME: 0559

☑ Declaration Submitted With Initial Filing						
OR						
Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)						
(Title of the Invention)						
MICROELECTROMECHANICAL SYSTEM DEVICE						
As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:						
This declaration is directed to:						
∑ The attached application, OR						
United States Application Number or PCT International application numberFiled on						
The above-identified application was made or authorized to be made by me.						
believe I am the original inventor or an original joint inventor of a claimed invention in the application.						

DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS 1. Himax Display, Inc.

of No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

The undersigned hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

-2-

Signature: Hui-Lun Chen Date: 20/4/7/24
Legal Name of Sole or First Inventor: Hui-Lun Chen
Residence: Tainan City, Taiwan
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan
,
Signature: Wei-Hsigo Chen Date: Sol4/7/25
Legal Name of Additional Joint Inventor, if any: Wei-Hsiao Chen
Residence: Tainan City, Taiwan
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan
al 7 1./
Signature: Chien-Tong Woing Date: 2014/7/25
Legal Name of Additional Joint Inventor, if any: Chien-Tang Wang
Residence: Tainan City, Taiwan
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan
Signature: Date:
Signature: Date: Legal Name of Additional Joint Inventor, if any: Nan Liu
Legal Name of Additional Joint Inventor, if any: Nan Liu
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zillan Rd., Xinshi Dist., Tainan City 74148, Taiwan
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan Signature: Date:
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan Signature: Date: Legal Name of Additional Joint Inventor, if any: Roland V. Gelder
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan Signature: Date: Legal Name of Additional Joint Inventor, if any: Roland V. Gelder Residence: Cupertino, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan
Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan Signature: Date: Legal Name of Additional Joint Inventor, if any: Roland V. Gelder Residence: Cupertino, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan
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Legal Name of Additional Joint Inventor, if any: Nan Liu Residence: San Jose, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan Signature: Date: Legal Name of Additional Joint Inventor, if any: Roland V. Gelder Residence: Cupertino, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan Signature: Legal Name of Additional Joint Inventor, if any: Roland V. Gelder Residence: Cupertino, California, USA Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan

☑ Declaration Submitted With Initial Filing						
OR						
Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)						
(Title of the Invention)						
MICROELECTROMECHANICAL SYSTEM DEVICE						
As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:						
This declaration is directed to:						
∑ The attached application, OR						
United States Application Number or PCT International application numberFiled on						
The above-identified application was made or authorized to be made by me.						
believe I am the original inventor or an original joint inventor of a claimed invention in the application.						

HD-2014-0005-US 52479-US-PA

DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS 1. Himax Display, Inc.

of No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

The undersigned hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

-2-

Signature:	Date:				
Legal Name of Sole or First Inventor: Hui-Lun Chen					
Residence: Tainan City, Taiwan					
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan	City 74148, Taiwan				
Signature:	Date:				
Legal Name of Additional Joint Inventor, if any: Wei-Hsiao C	Chen				
Residence: Tainan City, Taiwan					
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan	City 74148, Taiwan				
Signature:	Date:				
Legal Name of Additional Joint Inventor, if any: Chien-Tang	Wang				
Residence: Tainan City, Taiwan					
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan	City 74148, Taiwan				
1.0	/				
Signature: Nan Liu	Date: 7/21/2014				
Legal Name of Additional Joint Inventor, if any: Nan Liu					
Residence: San Jose, California, USA					
Mailing Address: c/o No.26, Zilian-Rd, Xinshi Dist., Tainan	City 74148, Taiwan				
	, /				
Signature: / Welle	Date: 7/21/2014				
Legal Name of Additional Joint Inventor, if any: Roland V. G	elder .				
Residence: Cupertino, California, USA					
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan					
Signature:	Date:				
Legal Name of Additional Joint Inventor, if any: Chun-Hao S	u				
Residence: Tainan City, Taiwan					
Mailing Address: c/o No.26, Zilian Rd., Xinshi Dist., Tainan City 74148, Taiwan (R.O.C.)					

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82A (07-13)
Approved for use through 11/30/2014. OMB 0651-0051
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

Power of Attorney is di Attorney by Applicant f	rected, in ac orm. If neith	I with the Power of Attorney by Applicant form (PTC cordance with 37 CFR 1.5, unless the application rer form PTO/AIA/82A nor form PTO/AIA82B identinot be recognized in the application.	number and filing date	are identified in the Power of		
Application Number						
Filing Date						
First Named Inventor		HUI-LUN CHEN				
Title MICROELECTROMECHANICAL SYSTEM DEVICE						
Art Unit						
Examiner Name						
Attorney Docket Number		JCLA52479				
SIGNATU	RE of A	oplicant or Patent Practitioner				
Signature	/JIAV	/EI HUANG/	Date (Optional)	August 01, 2014		
Name	JIAWEI HUANG		Registration Number	43,330		
Title (if Applicant is a juristic entity)						
Applicant Name (if App	olicant is a ju	rristic entity)				
more than one applica	nt, use multi	in accordance with 37 CFR 1.33. See 37 CFR 1.4 ple forms.	(d) for signature requir	ements and certifications. If		

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT REEL: 033448 FRAME: 0566 Doc Code: PA.. Document Description: Power of Attorney

PTO/AIA/82B(07-12)

Document Description: Power of Attorney

Approved for use through 11/30/2014. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in the attached transmittal letter.						
I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):						
OR 23900						
I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):						
	Name	Registration Number		Name		Registration Number
		ļl ļ.				
-	or change the corresp	ondence addres	s for the	application i	dentified in th	ne attached
transmittal letter t	o:					
	associated with the above-menti	oned Customer Number	er.		_	
OR	ssociated with Customer Numb	.or]	
OR	issociated with customer numb	CI.				
Firm or Individual Name					•	
Address						
City			State		Zip	
Country			7			
Telephone I am the Applicant:			Email			
	ut la vantas					
Inventor or Joi						
	ntative of a Deceased or L	• • •				-
Assignee or Person to Whom the Inventor is Under an Obligation to Assign						
Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was						
granted in the application or is concurrently being filed with this document) SIGNATURE of Applicant for Patent Fig. 7, 2040						
Signature	Birns-Som W		iit iui rateiii	Date	APR 1	7 2013
Name	Bling-Seng Wu //	1		Теlернопе		
	Chalman / Himex Display, Inc.					
NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms for more than one signature, see below *.						
*Total of 1 forms are submitted.						

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the emount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box.1450, Alexandria, VA. 22313-1450. DO NOT SERIO FEES OR COMPLETED. FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
 A record in this system of records may be disclosed, as a routine use, to a Member of
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this systèm of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 033448 FRAME: 0568

RECORDED: 08/01/2014