#### 505376847 03/15/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5423640

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S NAME previously recorded on Reel 047882 Frame 0862. Assignor(s) hereby confirms the ASSIGNEE'S NAME IS "ABILITY OPTO-ELECTRONICS TECHNOLOGY CO., LTD.".

#### **CONVEYING PARTY DATA**

Name	Execution Date
YEONG-MING CHANG	01/17/2017
CHIEN-HSUN LAI	01/17/2017
YAO-WEI LIU	01/17/2017

### RECEIVING PARTY DATA

Name:	ABILITY OPTO-ELECTRONICS TECHNOLOGY CO., LTD.		
Street Address:	2F., NO.33, KEYA RD., DAYA DIST.,		
City:	TAICHUNG CITY		
State/Country:	TAIWAN		

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

Property Type	Number
Application Number:	16223607

# **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.

Phone: 7036217140

Email: mailroom@mg-ip.com, cdb@mg-ip.com **Correspondent Name:** MUNCY, GEISSLER, OLDS & LOWE, PC

Address Line 1: 4000 LEGATO RD., SUITE 310 Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	5496/0231PUS1	
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY	
SIGNATURE:	/Joe McKinney Muncy/	
DATE SIGNED:	03/14/2019	

**Total Attachments: 3** source=NOR2#page1.tif

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> **PATENT REEL: 048610 FRAME: 0799**

505376847

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5305762

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YEONG-MING CHANG	01/17/2017
CHIEN-HSUN LAI	01/17/2017
YAO-WEI LIU	01/17/2017

# **RECEIVING PARTY DATA**

Name:	ABILITY OPTO-ELECTRONICS TECHNOLOGY CO. LTD.
Street Address:	2F., NO.33, KEYA RD., DAYA DIST.
City:	TAICHUNG CITY
State/Country:	TAIWAN
Postal Code:	428

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16223607

# **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.

**Phone:** 7036217140

Email: mailroom@mg-ip.com, mrk@mg-ip.com
Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, PC

Address Line 1: 4000 LEGATO RD., SUITE 310
Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	5496/0231PUS1	
NAME OF SUBMITTER:	JOE MCKINNEY MUNCY	
SIGNATURE:	/Joe McKinney Muncy/	
DATE SIGNED:	01/02/2019	

**Total Attachments: 2** 

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PATENT REEL: 048610 FRAME: 0800

his assignment agreement is applicable OPTICAL IMAGE CAPTURING		ention title)	
OT TIO/LE IMPOSE OF A TOTALING	MODULE		
This PATENT RIGHT referred to in	this agreement is (check one		
a Patent Application for this inv	ention, executed by the ASSI	GNOR(S) concurrently	with this Agreemen
U.S. Patent Application Serial N	lo. , filed on		
U.S. patent No.			
The PATENT RIGHT assigned und	er this agreement is:	er en	
U.S. Patent rights only			
worldwide Patent rights (the ass U.S. Patent Application identified al		laim the benefit for the f	iling date of any
The ASSIGNOR(S) referred to in th	is agreement is (or are):		√.
YEONG-MING CHANG		(full na	me of first assignor
4F., No.31, Keya Rd., Daya Dist.,	Taichung City 428, Taiwan,	R.O.C.	(address
CHIEN-HSUN LAL	No.	(full name	of second assignor
2F., No.31, Keya Rd., Daya Dist.	, Taichung City 428, Taiwan,		(address
YAO-WEI LIU		(full n	ame of third assigno
4F., No.31, Keya Rd., Daya Dist.,	Taichung City 428, Taiwan.	527 337 2	(address
۵.	Ţ		
The First ASSIGNEE referred to in	this agreement is:		
ABILITY OPTO-ELECTRONIC	- 1 (A) (A) (1 ) (1 ) (1 ) (1 ) (1 ) (1 )	D. (full name	of first assignee)
2F., NO.33, KEYA RD., DAYA			(address
Is (check one):   an individual	974,6	a Corporation of	W. Carlotte
The Second ASSIGNEE referred to	in this agreement is:		(State or Country)
		(full name	of second assigned
			(address
Is (check one): □ an individual	a partnership	a Corporation of	(State or Country)
The Third ASSIGNEE referred to in	_	W.*	
, , , , , , , , , , , , , , , , , , ,		(full name	
			(address)
Is (check one):  an individual	a partnership	☐ a Corporation of _	(State or Country)

先進光電 SHIRLEY.YANG(shirley.yang) 2017/1/16 上午 09:47:25

### ASSIGNMENT DEED

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE, their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right and title, and interest in and to the PATENT RIGHTS in the invention, all continuations, divisionals, re-issues, and re-examination patents and patent applications; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, and facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain an enforced proper protection for said invention.

YEONG-MING CHANG (Date)

Whien-han Lai 2017/1/17

2017/1/17