505030707 08/01/2018

EPAS ID: PAT5077458

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUN-YI LU	07/11/2018
TE-SHENG TSENG	07/11/2018
MING-TA CHOU	07/09/2018

RECEIVING PARTY DATA

Name:	LARGAN DIGITAL CO., LTD.
Street Address:	NO. 11, JINGKE RD., NANTUN DIST.
City:	TAICHUNG CITY
State/Country:	TAIWAN
Postal Code:	40852

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16051717

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 251242-1070

NAME OF SUBMITTER: DANIEL R. MCCLURE

SIGNATURE: /Daniel R. McClure/

DATE SIGNED: 08/01/2018

Total Attachments: 2

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PATENT 505030707 REEL: 046523 FRAME: 0478

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)			
LENS ASSEMBLY DRIVING APPARATUS , PHOTOGRAPHING MODULE AND			
ELECTRONIC DEVICE			
The PATENT RIGHTS referred to in this agreement are:			
(check one) Da patent application for this invention, executed by the ASSIGNOR(S)			
concurrently with this assignment.			
U.S. patent application Serial Nofiled			
a U.S. patent application based on PCT International Application			
Nofiled on (date)(U.S. patent application			
Serial No, if known).			
U.S. patent No, issued			
The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of			
the patents and patent applications identified above.			
The PATENT RIGHTS assigned under this agreement are:			
(check one) U.S. patent rights only.			
Worldwide patent rights. In this case, the assignee shall have the right to			
claim the benefit of the filing date of any U.S. or foreign patent application			
for this invention.			
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures			
appear on page 2 of this Assignment and any Supplemental Sheet(s).			
The ASSIGNEE referred to in this agreement is:			
(Name of Assignee) LARGAN DIGITAL CO., LTD.			
(Address) No.11, Jingke Rd, Nantun Dist, Taichung City 40852, Taiwan, R.O.C.			
The ASSIGNEE is:			
(check one) An individual.			
A Partnership.			
(other)			
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and			
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following			
rights to the ASSIGNEE, its successors and assigns:			
the full and exclusive right to the invention;			
the entire right, title and interest in and to the PATENT RIGHTS;			
the right to sue and recover for any past infringement; and			
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable			
provisions, based on any earlier patent applications for this invention.			

PATENT REEL: 046523 FRAME: 0479 THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: LARGAN DIGITAL CO., LTD.

INVENTION TITLE: <u>LENS ASSEMBLY DRIVING APPARATUS</u>, <u>PHOTOGRAPHING MODULE AND ELECTRONIC DEVICE</u>

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Chun-Yi LU	Chu-Hi Ly	0/11/2018
Name of sole or first inventor	Signature	Date
Te-Sheng TSENG Name of second inventor, if any	Tellery Isang Signature	57/1/20(8 Date
Ming-Ta CHOU	Ming-Ta Chon	July '09 '2018
Name of third inventor, if any	Signatu ire	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date
Name of seventh inventor, if any	Signature	Date

PATENT REEL: 046523 FRAME: 0480

RECORDED: 08/01/2018