PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HSIN-HSUAN HUANG	03/29/2016

RECEIVING PARTY DATA

Name:	LARGAN PRECISION CO., LTD.	
Street Address:	NO.11, JINGKE RD., NANTUN DIST.	
City:	TAICHUNG CITY	
State/Country:	TAIWAN	
Postal Code:	408	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16158286

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	TWT06157/US
NAME OF SUBMITTER:	JAMES LYNN O'SULLIVAN
SIGNATURE:	/James Lynn O'Sullivan/
DATE SIGNED:	10/15/2018

Total Attachments: 2

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> **PATENT REEL: 047230 FRAME: 0116** 505140439

ASSIGNMENT

		ed to in this agreement a	
(check on			executed by the ASSIGNOR(S)
	concurrently w	vith this assignment.	
		plication Serial No,	
	☐a U.S. patent ap	pplication based on PCT	International Application
	No	filed on (date)	(U.S. patent application
	Serial No	, if known).	
	U.S. patent No.	o, issued	
The PATI	ENT RIGHTS also in	nclude all divisions, reis:	sues, continuations and extensions of
the patent	s and patent applicat	tions identified above.	
The PATI	ENT RIGHTS assign	ned under this agreement	are:
(check on	e) ∐U.S. patent rigl	hts only.	
	⊠Worldwide pat	tent rights. In this case, ti	ne assignee shall have the right to
	claim the benef	fit of the filing date of ar	y U.S. or foreign patent application
	for this invention	on.	
The ASSI	GNOR(S) referred to	to in this agreement is (or	rare) the inventor(s) whose signatures
appear on	page 2 of this Assig	gnment and any Supplem	ental Sheet(s).
The ASSI	GNEE referred to in	n this agreement is:	
(Name of	Assignee <u>) LARGAN</u>	<u> VPRECISION CO., LTE</u>	<u>)</u>
(Address)	No.11, Jingke Rd., J	Nantun Dist., Taichung (City 408, Taiwan, R.O.C.
The ASSI	GNEE is:		
(check on	e)[[An individual.		
	☐A Partnership.		
		of <u>TAIWAN, R.O.C</u>	(specify state or country)
	(other)		

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

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THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: <u>LARGAN PRECISION CO., LTD.</u> INVENTION TITLE: OPTICAL IMAGE CAPTURING LENSES

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.

Hsin-Hsuan HUANG	Hson-Hsuga Hu	org 0329/16.
Name of sole or first inventor	Signature	Date
Name of second inventor, if any	Signature	Date
Name of third inventor, if any	Signature	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

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RECORDED: 10/15/2018