

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YU-HAO HUANG	11/26/2012
MING-TSAN KAO	11/26/2012
SEN-HUANG HUANG	11/26/2012
RECEIVING PARTY DATA	
Name:	PIXART IMAGING INC.
Street Address:	5F, NO. 5, INNOVATION ROAD I, SCIENCE-BASED INDUSTRIAL PARK
City:	HSIN-CHU COUNTY
State/Country:	TAIWAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15217701
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NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN
SIGNATURE:	/Benjamin J. Hauptman/
DATE SIGNED:	07/22/2016
Total Attachments: 1	
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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Yu- Hao HUANG</u>	(4) _____
(2) <u>Ming-Tsan KAO</u>	(5) _____
(3) <u>Sen-Huang HUANG</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

PixArt Imaging Inc

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled
OPTICAL NAVIGATION DEVICE AND LOCUS SMOOTHING METHOD THEREOF

for which an application for United States Letters Patent was filed on April 26, 2013, and identified by United States Serial No. 13/871,321; or

(a) for which an application for United States Letters Patent was executed on November 26, 2012,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Signature: <u>Yu Hao Huang</u>	<u>November 26, 2012</u>
Name: Yu- Hao HUANG	
2) Signature: <u>Ming-Tsan Kao</u>	<u>November 26, 2012</u>
Name: Ming-Tsan KAO	
3) Signature: <u>Sen-Huang</u>	<u>November 26, 2012</u>
Name: Sen-Huang HUANG	
4) Signature: _____	_____
Name: _____	
5) Signature: _____	_____
Name: _____	
6) Signature: _____	_____
Name: _____	

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