

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hsin Chia CHEN</td> <td>11/30/2011</td> </tr> <tr> <td>Ming Tsan KAO</td> <td>11/30/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hsin Chia CHEN	11/30/2011	Ming Tsan KAO	11/30/2011
Name	Execution Date						
Hsin Chia CHEN	11/30/2011						
Ming Tsan KAO	11/30/2011						
RECEIVING PARTY DATA							
Name:	PixArt Imaging Inc.						
Street Address:	5F, No. 5 Innovation Road I						
Internal Address:	Science Based Industrial Park						
City:	Hsin-Chu County						
State/Country:	TAIWAN						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13331872</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13331872		
Property Type	Number						
Application Number:	13331872						
CORRESPONDENCE DATA							
Fax Number:	(703)518-5499						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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NAME OF SUBMITTER:	Benjamin J. Hauptman						
Total Attachments: 1 source=Assignment#page1.tif							

OP \$40.00 13331872

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) Hsin Chia CHEN
- 2) Ming Tsan KAO
- 3)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

PIXART IMAGING INC. having a place of business at 5F, No. 5, Innovation Road I, Science-Based Industrial Park, Hsin-Chu County, TW

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

METHOD AND APPARATUS FOR DETECTING DISPLACEMENT WITH SUB-PIXEL ACCURACY

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore 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 agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees 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 my signature:

1) Hsin-Chia Chen
Name: Hsin Chia CHEN

Date: November 30, 2011

2) Ming-Tsan Kao
Name: Ming Tsan KAO

Date: November 30, 2011

3) _____
Name:

Date: