

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chih-Yen Wu</td> <td>12/03/2010</td> </tr> <tr> <td>Yao-Hsuan Lin</td> <td>12/03/2010</td> </tr> <tr> <td>Yen-Min Chang</td> <td>12/03/2010</td> </tr> </tbody> </table>		Name	Execution Date	Chih-Yen Wu	12/03/2010	Yao-Hsuan Lin	12/03/2010	Yen-Min Chang	12/03/2010
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<b>RECEIVING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>PixArt Imaging Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>5F, No.5, Innovation Road I, Science-Based Industrial Park</td> </tr> <tr> <td><b>City:</b></td> <td>Hsinchu County</td> </tr> <tr> <td><b>State/Country:</b></td> <td>TAIWAN</td> </tr> </table>		<b>Name:</b>	PixArt Imaging Inc.	<b>Street Address:</b>	5F, No.5, Innovation Road I, Science-Based Industrial Park	<b>City:</b>	Hsinchu County	<b>State/Country:</b>	TAIWAN
<b>Name:</b>	PixArt Imaging Inc.								
<b>Street Address:</b>	5F, No.5, Innovation Road I, Science-Based Industrial Park								
<b>City:</b>	Hsinchu County								
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<b>PROPERTY NUMBERS Total: 1</b>									
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<b>Application Number:</b>	13015113								
<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (404)365-9532</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404-233-7000</p> <p>Email: ipdocket@mmmlaw.com</p> <p>Correspondent Name: MORRIS MANNING MARTIN LLP</p> <p>Address Line 1: 3343 PEACHTREE ROAD, NE</p> <p>Address Line 2: 1600 ATLANTA FINANCIAL CENTER</p> <p>Address Line 4: ATLANTA, GEORGIA 30326</p>									
<b>ATTORNEY DOCKET NUMBER:</b>	15042-78141								
<b>NAME OF SUBMITTER:</b>	Tim T. Xia								
<p>Total Attachments: 2</p> <p>source=1504278141Assignment#page1.tif</p> <p>source=1504278141Assignment#page2.tif</p>									

CH \$40.00 13015113

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**PATENT**  
REEL: 025707 FRAME: 0425

## ASSIGNMENT

WHEREAS, WE/I, **Chih-Yen WU**  
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,  
Hsinchu County, Taiwan, R.O.C.**  
**Yao-Hsuan LIN**  
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,  
Hsinchu County, Taiwan, R.O.C.**  
**Yen-Min CHANG**  
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,  
Hsinchu County, Taiwan, R.O.C.**

have made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on January 27, 2011, application Serial No. 13/015,113

which is entitled **LIFT DETECTION METHOD FOR OPTICAL MOUSE AND OPTICAL MOUSE  
WITH LIFT DETECTION FUNCTION**

AND WHEREAS, **PixArt Imaging Inc.**  
, a corporation having an office and place of business at  
**5F, No.5, Innovation Road I, Science-Based Industrial Park, Hsinchu County, Taiwan, R.O.C.**

(hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns;

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary

or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

We/I also authorize counsel for Applicant(s) to enter above the serial number of the application or other related information when it becomes available.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of December, 2010  
Chih-Yen WU Chih-Yen, Wu 吳志遠  
Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of December, 2010  
Yao-Hsuan LIN Yao-Hsuan LIN 林耀全  
Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 03 day of Dec., 2010  
Yen-Min CHANG Yen-Min Chang  
Signature