

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Chih-Hung LU | 08/13/2010 |
| En-Feng HSU | 07/23/2010 |
| Hsin-Chia CHEN | 07/26/2010 |
| Chao-Chien Huang | 07/26/2010 |
| Cho-Yi LIN | 07/21/2010 |
| RECEIVING PARTY DATA | |
| Name: | PixArt Imaging Inc. |
| Street Address: | 5F, No.5, Innovation Road I |
| Internal Address: | Science-Based Industrial Park |
| City: | Hsinchu City |
| State/Country: | TAIWAN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12880790 |
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| NAME OF SUBMITTER: | Tim Tingkang Xia |

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Total Attachments: 2

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ASSIGNMENT

WHEREAS, WE/I, **Chih-Hung LU**
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,
Hsinchu City, Taiwan, R.O.C.**

En-Feng HSU
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,
Hsinchu City, Taiwan, R.O.C.**

Hsin-Chia CHEN
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,
Hsinchu City, Taiwan, R.O.C.**

Chao-Chien HUANG
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,
Hsinchu City, Taiwan, R.O.C.**

Cho-Yi LIN
residing at ; **5F, No.5, Innovation Road I, Science-Based Industrial Park,
Hsinchu City, 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 September 13, 2010, application Serial No. 12/880,790

which is entitled **DETECTION DEVICE**

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 City, 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;

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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 13 day of Aug, 20 10
Chih-Hung LU Chih Hung Lu
Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of July, 20 10
En-Feng HSU En-Feng Hsu
Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of July, 20 10
Hsin-Chia CHEN Hsin-Chia Chen
Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of July, 20 10
Chao-Chien HUANG Chao-Chien Huang
Signature

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of July, 20 10
Cho-Yi LIN Cho-Yi Lin
Signature