

## 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>Tzu Yi CHAO</td> <td>12/13/2007</td> </tr> <tr> <td>Meng Tsung WU</td> <td>12/13/2007</td> </tr> <tr> <td>Hsin Chia CHEN</td> <td>12/13/2007</td> </tr> <tr> <td>Chih Hsin LIN</td> <td>12/13/2007</td> </tr> <tr> <td>Chang Che TSAI</td> <td>12/13/2007</td> </tr> <tr> <td>Chao Chien HUANG</td> <td>12/13/2007</td> </tr> <tr> <td>Yi Fang LEE</td> <td>12/13/2007</td> </tr> </tbody> </table> |                               | Name          | Execution Date      | Tzu Yi CHAO         | 12/13/2007                  | Meng Tsung WU     | 12/13/2007                    | Hsin Chia CHEN | 12/13/2007 | Chih Hsin LIN  | 12/13/2007 | Chang Che TSAI | 12/13/2007 | Chao Chien HUANG | 12/13/2007 | Yi Fang LEE | 12/13/2007 |
| Name  | Execution Date                |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Tzu Yi CHAO   | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Meng Tsung WU   | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Hsin Chia CHEN  | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Chih Hsin LIN   | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Chang Che TSAI  | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Chao Chien HUANG  | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Yi Fang LEE   | 12/13/2007                    |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| RECEIVING PARTY DATA  |                               |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| <table border="1"> <tr> <td>Name:</td> <td>PixArt Imaging Inc.</td> </tr> <tr> <td>Street Address:</td> <td>5F, No. 5 Innovation Road I</td> </tr> <tr> <td>Internal Address:</td> <td>Science Based Industrial Park</td> </tr> <tr> <td>City:</td> <td>Hsin-Chu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>   |                               | Name:         | PixArt Imaging Inc. | Street Address:     | 5F, No. 5 Innovation Road I | Internal Address: | Science Based Industrial Park | City:          | Hsin-Chu   | State/Country: | TAIWAN     |                |            |                  |            |             |            |
| Name:   | PixArt Imaging Inc.           |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Street Address:   | 5F, No. 5 Innovation Road I   |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Internal Address:   | Science Based Industrial Park |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| City:   | Hsin-Chu                      |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| 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>13349612</td> </tr> </tbody> </table>   |                               | Property Type | Number              | Application Number: | 13349612                    |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Property Type   | Number                        |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Application Number:   | 13349612                      |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| CORRESPONDENCE DATA   |                               |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
| Fax Number:   | (703)518-5499                 |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
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| Correspondent Name:   | BENJAMIN HAUPTMAN             |               |                     |                     |                             |                   |                               |                |            |                |            |                |            |                  |            |             |            |
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|---|----------------------|
| ATTORNEY DOCKET NUMBER:                             | 4459-255A            |
| NAME OF SUBMITTER:                                  | Benjamin J. Hauptman |
| Total Attachments: 1<br>source=Assignment#page1.tif |                      |

**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>Tzu Yi CHAO</u>    | (5) <u>Chang Che TSAI</u>   |
| (2) <u>Meng Tsung WU</u>  | (6) <u>Chao Chien HUANG</u> |
| (3) <u>Hsin Chia CHEN</u> | (7) <u>Yi Fang LEE</u>      |
| (4) <u>Chih Hsin LIN</u>  |                             |

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

PixArt Imaging Inc. 5F, No. 5, Innovation Road I, Science-Based Industrial Park, Hsin-Chu, TW, R.O.C.

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

**CURSOR CONTROL METHOD AND APPARATUS**

for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or

(a) for which an application for United States Letters Patent was executed on December 13, 2007,

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>Tzu Yi CHAO</u>      | <u>December 13, 2007</u> |
| Name: Tzu Yi CHAO                     |                          |
| 2) Signature: <u>Wu meng-tsung</u>    | <u>December 13, 2007</u> |
| Name: Meng Tsung WU                   |                          |
| 3) Signature: <u>Hsin Chia CHEN</u>   | <u>December 13, 2007</u> |
| Name: Hsin Chia CHEN                  |                          |
| 4) Signature: <u>Chih Hsin LIN</u>    | <u>December 13, 2007</u> |
| Name: Chih Hsin LIN                   |                          |
| 5) Signature: <u>Chang Che TSAI</u>   | <u>December 13, 2007</u> |
| Name: Chang Che TSAI                  |                          |
| 6) Signature: <u>Chao Chien HUANG</u> | <u>December 13, 2007</u> |
| Name: Chao Chien HUANG                |                          |
| 7) Signature: <u>Yi Fang LEE</u>      | <u>December 13, 2007</u> |
| Name: Yi Fang LEE                     |                          |

**PATENT****RECORDED: 01/13/2012****REEL: 027527 FRAME: 0265**