11/03/2016 504080099

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4126767

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
PIXART IMAGING, INC.	05/24/2016

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC		
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Patent Number:	8110837	

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NAME OF SUBMITTER:	HEIDI WHITTINGHAM		
SIGNATURE:	HMW/IPR/NH/Complex-PixArt/AG/1PT		
DATE SIGNED:	11/03/2016		

Total Attachments: 2

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> **PATENT** REEL: 040212 FRAME: 0035 504080099

Exhibit A

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, PixArt Imaging Inc., a Taiwan corporation having a primary place of business at No. 5, Innovation Road I, Hsinchu Science Park, Hsinchu, Taiwan("Assignor"), does hereby sell, assign, transfer and convey unto Microsoft Technology Licensing, LLC, having a primary place of business at One Microsoft Way, Redmond, WA 98052 ("Assignee") or its designees, all of Assignor's entire right, title and interest in and to (a) all patents and patent applications listed below; (b) all reissues, reexaminations, continuations, parents, continuations-in-part, divisionals and extensions (collectively "Related Cases") of such patents and patent applications; (c) patents or patent applications (i) to which any or all of the foregoing directly or indirectly claims priority, or (ii) for which any or all of the foregoing directly or indirectly forms a basis for priority; and (d) all Related Cases (whether pending, issued, abandoned or filed in the future) and foreign counterparts to any or all of the foregoing, including without limitation utility models design patents, certificates of invention and equivalent rights worldwide (collectively "Patent Rights"):

Patent No.	Serial No.	Country	Filing Date	Issue Date	Title
US8110837	12/325005	USA	2008-11-28	2012-02-07	Sensing module
CN101667571	CN200810213999A	China	2008-09-01	2011-10-12	Sensing module
TW1422018	97131809	Tsiwan	2008-08-20	2014-01-01	Sensing module

In addition, Assignor agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past, present and future infringement of the Patent Rights, (ii) the right to apply (or continue prosecution) in any and all countries of the world for patents, design patents, utility models, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding, and (iii) the rights, if any, to revive prosecution of any abandoned Patent Rights.

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

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The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, assigns and other legal representatives, and will be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Handle May 216

ASSIGNOR

Ву:

Name: <u>(hia-lin 'Charli</u>

Fitle: <u>(Jearral Cohu</u>

(Signature MUST be notarized)

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RECORDED: 11/03/2016