502709692 03/06/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2756296

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
GUODONG LIU	12/13/2013	
NEIL WOODALL	12/13/2013	

RECEIVING PARTY DATA

Name:	PIXELWORKS, INC.
Street Address:	16760 SW UPPER BOONES FERRY ROAD
Internal Address:	SUITE 101
City:	PORTLAND
State/Country:	OREGON
Postal Code:	97224

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14106448	

CORRESPONDENCE DATA

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Correspondent Name: JUSTIN D. WAGNER

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	PATENT
Signature:	/JUSTIN D. WAGNER/
NAME OF SUBMITTER:	JUSTIN D. WAGNER
ATTORNEY DOCKET NUMBER:	7293-0328

502709692 REEL: 032367 FRAME: 0793

Date:	03/06/2014
Total Attachments: 4 source=7293-0328_ExecutedAssignment_C source=7293-0328_ExecutedAssignment_C source=7293-0328_ExecutedAssignment_C source=7293-0328_ExecutedAssignment_C	eclaration#page2.tif eclaration#page3.tif

PATENT REEL: 032367 FRAME: 0794

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention: IMAGE DETAIL ENHANCEMENT AND EDGE SHARPENING WITHOUT OVERSHOOTING

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that the application was made or was authorized to be made by me, and that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

For good and valuable consideration, the receipt of which is hereby acknowledged, the below-named Inventor/Assignor hereby sells, assigns and transfers to:

Assignee: Pixelworks, Inc.

an Oregon corporation

Address: 16760 SW Upper Boones Ferry Road

Suite 101

Portland, OR 97224

the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, and any and all

PATENT REEL: 032367 FRAME: 0795 claims for any infringement thereof, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Shangh. 2013.	ai . China , this 13th	day of <u>December</u>	
Legal name of inventor//	Assignor: Guodong Liu		
Signature	Guodong Liu	/2//3/20/3 (Date)	
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US Patent Application Any Ducket No. 7293-0328

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Executed at 2013.	*	, this	day of	<u>\$</u>
Legal name of inventor/	Assignor: Guodong I	in		
Signature	ŷ			v.
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Executed at New Past 2013.	Beatl Latiforn	174 this / 3_	The day of <i>December</i>	7 <i>11</i> 5
Legal name of inventor//	Assignor: Neil Wood	all		
Signature	J/4/4/6		Der 13, 21 (Date)	13
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