503583606 11/24/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHANPING XU	11/20/2015

RECEIVING PARTY DATA

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

Property Type	Number
Application Number:	14950313

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ATTORNEY DOCKET NUMBER:	358536.01
NAME OF SUBMITTER:	DAVID J. BOVITZ
SIGNATURE:	/David J. Bovitz/
DATE SIGNED:	11/24/2015

Total Attachments: 2

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PATENT 503583606 REEL: 037130 FRAME: 0974

PATENT ASSIGNMENT

I <u>Zhanping Xu</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IMAGING SENSOR WITH SHARED PIXEL READOUT CIRCUITRY" ("APPLICATION"), which:

\times	will	be	filed.	ASSIGNOR	hereby	authoriz	es,	and	requ	uests,
	ASSI	GNEI	E'S legal	representat	ive, Micr	osoft Te	chnol	ogy L	icer	ısing,
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE					NEE'S				
	LEG/	AL R	EPRESEN	TATIVES), t	o insert	here in	pare	enthes	ses	(filed
	on _			and giv	en Appli	cation No)			by
	the f	ollov	wing Offi	ce <u>US – Unite</u>	ed States	<u>Patent an</u>	d Tra	<u>dema</u>	rk C)ffice)
	this	APPI	LICATION	l's Applicati	on No., 1	iling dat	e, and	d Offi	ice,	when
	knov	vn;								
	was	filed	on	6	and was g	given App	licati	on		
	No_			by the f	ollowing	Office				
	"				". ,					

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office	

MS Docket No.: 358536.01

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).