502650506 01/24/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2697114

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIVEK PRADEEP	01/08/2014
LIANG WANG	01/23/2014
PABLO SALA	01/06/2014
LUIS EDUARDO CABRERA-CORDON	01/06/2014
STEVEN NABIL BATHICHE	01/17/2014

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14162440

CORRESPONDENCE DATA

Fax Number: (509)755-7252 Phone: 5097557262

Email: connelly@wolfe-sbmc.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: WOLFE-SBMC
Address Line 1: 601 W. MAIN AVE.
Address Line 2: SUITE 1300

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	340358.01
NAME OF SUBMITTER:	WILLIAM J. BREEN, III
	Y PAIENI

502650506 REEL: 032042 FRAME: 0759

Signature:	/William J. Breen, III/				
Date:	1/24/2014				
Total Attachments: 10					
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PATENT REEL: 032042 FRAME: 0760

X	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	orpora	ate Affairs
	Depa	artm	ent, Mic	rosoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Wash	ningt	ton 9805	52 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES)	, to insert
	here	in p	arenthes	ses (filed on _	01/23/20	<u> 14</u> and g	iven A	pplication
	No	14/1	62 , 440 k	by the followi	ng Office	us)
	this	APPI	LICATION	N's Applicati	on No., f	iling date, a	nd Of	fice, when
	knov	vn;						
	was	filed	on		and was g	given Applicat	tion	
	No _			by the f	ollowing	Office		
	"				". 			

Microsoft Corporation, a Washington Corporation, 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.: 340358.01

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).

Inventor's Signature	Jan 8, 2014
Vivek Pradeep	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 340358.01

PATENT ASSIGNMENT MS Docket No.: 340358.01

		,	or or an original joint inventor
			in a patent application entitled
" <u>Global and I</u>	_ocal Light Detecti	on in Optical Sensor System	ns" ("APPLICATION"), which:
\boxtimes	will be filed.	ASSIGNOR hereby auth	orizes, and requests,
	ASSIGNEE'S legal	representatives, of the Lav	w and Corporate Affairs
	Department, Mic	rosoft Corporation, One M	icrosoft Way, Redmond,
	Washington 9805	52 (ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
	_	es (filed on <u>01/23/2014</u>	
	No. <u>14/162,440</u> l	y the following Office	us)
		N's Application No., filing	
	known;		
	was filed on	and was given	Application
		by the following Office	
	"		_
		,	
Micros	soft Corporation,	a Washington Corporatio	n, on behalf of itself and its
	•	- .	is desirous of acquiring, the
	-		g the right of priority, in the
		· · · · · · · · · · · · · · · · · · ·	ications and patents derived
		• •	in part, in and for the United
	_	reign countries ("APPLICAT	·
- ,	,	· • • • • • • • • • • • • • • • • • • •	,,,
ASSIG	NOR hereby autho	rizes, and requests, ASSIGI	NEE'S LEGAL REPRESENTATIVES
	-		to the following table for any
		er they are known;	,
Application		Filing Date	Office
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PATENT ASSIGNMENT	MS Docket No.:	340358.01		

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Inventor's Signature

Date

Liang Wang

Printed Name in English

Printed Name in Native Language

(if other than English)

I Pablo Sala ("ASSIGNOR") am the original inventor or an original joint inventor of

subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

" <u>Global and l</u>	_ocal Li	ght De	etectic	on in Optica	ıl Sensor	Syster	<u>ns</u> " ("/	APPLIC	ATION	۷"), wh	ich:
	ASSIGN Depart Washin here Applic Office	NEE'S I tment, ngton in pa ation	egal r Micro 9805: rentho No	ASSIGNOR representatosoft Corpo (ASSIGNE eses (filed or 14/1) US ling date, a	ives, of to pration, (E'S LEGA on	he Lav One Mi L REPR 01/23/	v and croso ESENT <u>/2014</u> by) thi	Corpo ft Way FATIVE the s API	orate / /, Redi ES), to and foll	Affairs mond, insert given owing	
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INVENTION therefrom, s States, its ter ASSIG REPRESENTA	uch as rritories NOR	contirs, and	nuing all for	application eign count authorizes,	s, in wh ries ("API and	ole or PLICAT requ	in pa TON E Jests,	rt, in DERIVA AS	and fo ATIVES	or the '' '')); E'S	United LEGAI
following tab	ole for a	any AP	<u>PLICA</u>	TION DERIN	/ATIVES a	after th	<u>ey ar</u>	e knov	vn;		
Application 1	No.			Filing Date	<u>3</u>		Offic	:6			

Page 1 of 2

MS Docket No.: 340358.01

MS Docket No.: 340358.01

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"));

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Sollo-Sola	1/6/2014
Inventor's Signature	Date
Pablo Sala	PABLO SALA
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 340358.01 PATENT ASSIGNMENT l Luis Eduardo Cabrera-Cordon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Global and Local Light Detection in Optical Sensor Systems" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 01/23/2014 and given Application No. 14/162,440 by the following Office ______ this APPLICATION's Application No., filing date, and Office, when known: was filed on _____ and was given Application No ______ by the following Office Microsoft Corporation, a Washington Corporation, 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;		
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Page 1 of 2

MS Docket No.: <u>340358</u>	0	1_	_
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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"));

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Luis desardo Calvertel Inventor's Signature	Jan. 6.2014 Date
Luis Eduardo Cabrera-Cordon	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 340358.01

inventor of	subject matter ("I entitled " <u>Global an</u>	INVENTION") disclosed a	l inventor or an original joint nd/or claimed in a patent <u>in Optical Sensor Systems</u> "
	ASSIGNEE'S legal red Department, Micro Washington 98052 here in parentheses No. 14/162,440 by	ASSIGNOR hereby authorepresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRES (filed on 01/23/2014 the following Offices Application No., filing d	and Corporate Affairs rosoft Way, Redmond, SENTATIVES), to insert and given Application
		and was given A by the following Office ";	pplication
successors a entire and e INVENTION a therefrom, su	nd assigns ("ASSIGI xclusive rights, titl and the APPLICATI uch as continuing a	NEE"), is entitled to, and e and interest, including ON (and all other applic	, on behalf of itself and its is desirous of acquiring, the the right of priority, in the cations and patents derived n part, in and for the United ON DERIVATIVES"));
to insert the	•	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application		Filing Date	Office

Page 1 of 2

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Deserved Balde	
	1/17/2014
Inventor's Signature	Date
Steven Nabil Bathiche	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 01/24/2014