503639730 01/07/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3686363

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHANNES KOPF	01/07/2016
EDUARDO ALBERTO CUERVO LAFFAYE	12/22/2015
DAVID CHIYUAN CHU	12/21/2015
BERNHARD REINERT	12/22/2015

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14990623

CORRESPONDENCE DATA

Fax Number: (425)936-7329

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: USDocket@microsoft.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	358490.01
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/Vladimir A. Kozyrev/
DATE SIGNED:	01/07/2016

Total Attachments: 8

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PATENT REEL: 037434 FRAME: 0411 503639730

PATENT REEL: 037434 FRAME: 0412

inventor of subject matter	("INVENTION") discl	ginal inventor or an original osed and/or claimed in a Di	338(33)
("APPLICATION"), which		ULTIPLE SERVER-SIDE RENDERII	
ASSIGNEE'S leg LLC, One Micro LECAL REPRESE January 7, 201	al representative, Mic soft Way, Redmond, W NTATIVES), to insert he 6 and given Applic	authorizes, and requests, rosoft Technology Licensing, ashington 98052 (ASSIGNEE'S ere in parentheses (filed on ation No. 14/990,623 by	
the following O	ffice	ng date, and Office, when	
known;	<i>жрысанов</i> то, т		
was filed on	and was	given Application No	
by the following) Office	».	
behalf of itself and its such desirous of acquiring, the er- right of priority, in the INVEN patents derived therefrom, so for the United States, its DERIVATIVES"));	cessors and assigns ntire and exclusive rig ITION and the APPLICA uch as continuing app territories, and all	nington limited liability company ("ASSIGNEE"), is entitled to, an hts, title and interest, including TION (and all other applications lications, in whole or in part, in foreign countries ("APPLICAT	o is the and and ION
REPRESENTATIVES to insert	the Application No.	requests, ASSIGNEE'S LE , filing date, and Office into ifter they are known;	GAL the
Application No.	Filing Date	Office	
L.d.			

Page 1 of 2

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).

2-1	1/7/2016
Inventor's Signature	Date
Johannes Kopf	
Printed Name in English	Printed Name in Native Language
	(if other than English)

original joint inventor of	of subject matter ("INVEI ntitled " <u>VIEW RENDER</u>	GIGNOR") am the original inventor or a ENTION") disclosed and/or claimed in RING FROM MULTIPLE SERVER-SII
🗵 will be f	iled. ASSIGNOR here	eby authorizes, and requests,
LLC, One M LEGAL REP <u>January 7</u> the followi	Microsoft Way, Redmond, RESENTATIVES), to insert, 2016 and given Apping Office	Microsoft Technology Licensing, I, Washington 98052 (ASSIGNEE'S t here in parentheses (filed on olication No. 14/990,623 by) this filing date, and Office, when
		vas given Application No
behalf of itself and its desirous of acquiring, t right of priority, in the I patents derived therefro	s successors and assign he entire and exclusive NVENTION and the APPLI om, such as continuing a	Vashington limited liability company, ons ("ASSIGNEE"), is entitled to, and rights, title and interest, including to a lications and all other applications and applications, in whole or in part, in and all foreign countries ("APPLICATION)
REPRESENTATIVES to in	•	nd requests, ASSIGNEE'S LEGANO., filing date, and Office into the ES after they are known:
Application No.	Filing Date	Office
	J	

MS Docket No.: <u>358490.01</u>

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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inted Name in Native Language other than English)
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PATENT ASSIGNMENT MS Docket No.: 358490.01

I David Chiana Cha ("A	CCICNOD"	1 :
	· · · · · · · · · · · · · · · · · · ·	l inventor or an original joint
inventor of subject matter (•
application entitled "VIEW RE	NDERING FROM MULTIPL	E SERVER-SIDE RENDERINGS
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC, One Microsof	ft Way, Redmond, Washing	jton 98052 (ASSIGNEE'S
LEGAL REPRESENT	ATIVES), to insert here in p	oarentheses (filed on
January 7, 2016	and given Application N	lo. <u>14/990,623</u> by
the following Offi	ce) this
	pplication No., filing da	
known;		
\square was filed on	and was given .	Application No
by the following C	Office "	".
,		
Microsoft Technology Lic	censing, LLC, a Washington	n limited liability company, on
behalf of itself and its succes	ssors and assigns ("ASSIC	GNEE"), is entitled to, and is
desirous of acquiring, the entir		
right of priority, in the INVENTI	ON and the APPLICATION	and all other applications and
patents derived therefrom, suc		• •
for the United States, its t	<u> </u>	•
DERIVATIVES"));	······	J
ASSIGNOR hereby	authorizes. and requ	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the	•	·
following table for any APPLICA		=
Application No.	Filing Date	Office
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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"));

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).

Dan de Car	
	21 Dec 2015
Inventor's Signature	Date
David Chiyuan Chu Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 358490.01

I Rarnhard Rainart ("AS	SICNOR") am the original	inventor or an original join
inventor of subject matter	· · · · · · · · · · · · · · · · · · ·	- •
application entitled "VIEW RE		
("APPLICATION"), which:	INDERNING TROM MOETHE	E SERVER SIDE RENDERINGS
	ACCICNOD I I II	
	ASSIGNOR hereby auth	
_	representative, Microsoft	<u> </u>
·	ft Way, Redmond, Washing	·
	「ATIVES), to insert here in $ $	'
	and given Application N	
	ice	
APPLICATION's A	Application No., filing da	ate, and Office, when
known;		
\square was filed on	and was given	Application No
by the following (Office "	".
, 3		,
Microsoft Technology Li	censing, LLC, a Washingto	n limited liability company, or
behalf of itself and its succe	<u> </u>	• • •
desirous of acquiring, the enti	-	
right of priority, in the INVENT	-	-
patents derived therefrom, suc		• •
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for the United States, its	territories, and all forei	igh countries (APPLICATION
DERIVATIVES"));		
ACCICNOD		1661611516 1561
	•	uests, ASSIGNEE'S LEGA
REPRESENTATIVES to insert t		
following table for any APPLICA	ATION DERIVATIVES after th	,
Application No.	Filing Date	Office

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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PR	12/22/2015	
Inventor's Signature	Date	
Bernhard Reinert		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

Page 2 of 2

PATENT REEL: 037434 FRAME: 0420