503727525 03/08/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKOLAI SMOLYANSKIY	03/01/2016
ZHENGYOU ZHANG	03/01/2016
VIKRAM R. DENDI	03/01/2016
MICHAEL HALL	03/07/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15056922

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	359238.01
NAME OF SUBMITTER:	DAVID A. MORASCH 42,905
SIGNATURE:	/ Dave Morasch 42905 /
DATE SIGNED:	03/08/2016

Total Attachments: 8

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PATENT REEL: 037924 FRAME: 0903

PATENT REEL: 037924 FRAME: 0904

	PATENT A	SSIGNMENT	MS Docket No.: 35	9238.01
inventor of application	subject matter ("	INVENTION") disclose rative Camera Viev	ginal inventor or an ori ed and/or claimed in vpoint Control for I	a patent
	ASSIGNEE'S legal LLC., One Microsol LEGAL REPRESENT on the following O	representative, Micros ft Way, Redmond, Was "ATIVES), to insert h and given Applica ffice	uthorizes, and requesoft Technology Licensington 98052 (ASSIGNE) are in parentheses (finition No) te, and Office, when known	ng, E'S led by his
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Application		Filing Date	Office	
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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).

1/Cumancomó 03/01/2016

Inventor's Signature Date

Nikolai Smolyanskiy HUKONAÚ 10965844 CMONAHCKY

Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 359238.01

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inventor of application	subject matter ("	INVENTION") disclosed a rative Camera Viewpoin	inventor or an original joint .nd/or claimed in a patent <u>nt Control for Interactive</u>
	ASSIGNEE'S legal is LLC., One Microsof LEGAL REPRESENT on the following O	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ffice and not, filing date, and given the two controls are the two controls and the two controls are the two controls and the two controls are the two controls	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby
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Application		Filing Date	Office
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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"));

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	3/1/2016
Inventor's Signature	Date
Zhengyou Zhang	张正友
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of sapplication	subject matter ("INVENTION") disc p <mark>rative Camera \</mark>	original inventor or an losed and/or claimed Viewpoint Control fo	in a paten
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			t here in parenthese:	
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			date, and Office, when	
⊠ v	vas filed on <u>Febru</u>	ary 29, 2016 and w	as given Application N	0
			<u>US – United States Pater</u>	
	rademark Office"			.1.2
of acquiring, t priority, in the derived therefi	he entire and ex INVENTION and to rom, such as con	clusive rights, title the APPLICATION (a tinuing application	IGNEE"), is entitled to, a and interest, including nd all other application s, in whole or in part, i es ("APPLICATION DERI	g the right of s and patents in and for the
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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")):

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Inventor's Signature

O3/01/2016

Date

Vikram R. Dendi

Printed Name in English

Printed Name in Native Language

(if other than English)

MS Docket No.: 359238.01 I Michael Hall ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Collaborative Camera Viewpoint Control for Interactive Telepresence" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests,

LLC., One N	icrosoft Way, Re	dmond, Was	hington 98052	2 (ASSIGNEE'S
LEGAL REP	RESENTATIVES),	to insert h	iere in paren	theses (filed
on	and	given Applica	ıtion No	by
the follow	ing Office			) this

🔯 was filed on February 29, 2016 and was given Application No. 15/056,922 by the following Office "US - United States Patent and Trademark 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.	Filling Date	Office	
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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).

m.Dw/	MACH 710 2016
Inventor's Signature	Date
Michael Hall	
Printed Name in English	Printed Name in Native Language
	(if other than English)