### 504235814 02/20/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4282491

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENNETH P. HINCKLEY	02/15/2017
WILLIAM ARTHUR STEWART BUXTON	02/20/2017
MICHEL PAHUD	02/15/2017
HAIJUN XIA	02/15/2017

### **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:	15437362

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	14917.3025US01/400658USNP
NAME OF SUBMITTER:	STEVEN F. OWENS
SIGNATURE:	/Steven F. Owens/
DATE SIGNED:	02/20/2017

#### **Total Attachments: 8**

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> PATENT REEL: 041303 FRAME: 0752

# PATENT ASSIGNMENT

I <u>Kenneth P. Hinckley</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UNIFIED SYSTEM FOR BIMANUAL INTERACTIONS ON FLEXIBLE REPRESENTATIONS OF CONTENT" ("APPLICATION"), which:

. L C N P	ASSIGNEE'S legal re LC, One Microsoft V EGAL REPRESENTA on <u>February 20, 20</u> No. 15/437,362	oresentative, Microsof Vay, Redmond, Washir FIVES), to insert her 217 and by the following Off rk Office) this APPLICA	thorizes, and requests, ft Technology Licensing, agton 98052 (ASSIGNEE'S in parentheses (filed given Application fice US – United States ATION's Application No.,
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desirous of acc right of priority patents derived	f and its successo quiring, the entire a /, in the INVENTION I therefrom, such a d States, its terri	rs and assigns ("ASSI and exclusive rights, t and the APPLICATION s continuing application	on limited liability company, on IGNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
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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).

Inventor's Signature  Kenneth P. Hinckley	Date	2/15/2017
Printed Name in English		d Name in Native Language er than English)

### PATENT ASSIGNMENT

I <u>William Arthur Stewart Buxton</u> ("ASSIGNOR") am the original inventor or a
original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in
patent application entitled "UNIFIED SYSTEM FOR BIMANUAL INTERACTIONS OF
FLEXIBLE REPRESENTATIONS OF CONTENT" ("APPLICATION"), which:

$\boxtimes$	will be filed. ASSIGNOR hereby authorizes, and requests
	ASSIGNEE'S legal representative, Microsoft Technology Licensing
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'
	LEGAL REPRESENTATIVES), to insert here in parentheses (file
	on February 20, 2017 and given Application
	No. 15/437,362 by the following Office US - United State
	Patent and Trademark Office) this APPLICATION's Application No.
	filing date, and Office, when known;
	was filed on and was given Application No.
	by the following Office "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;

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William Arthur Stewart Buxton	Fc5, 20, 2017 Date
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

I <u>Michel Pahud</u> ("ASSIGNO inventor of subject matter ("IN application entitled "UNIFIED FLEXIBLE REPRESENTATIONS OF	IVENTION") disclosed a SYSTEM FOR BIMAN	NUAL INTERACTIONS ON
ASSIGNEE'S legal re LLC, One Microsoft V LEGAL REPRESENTA on <u>February 20,</u> No. 15/437,362	SSIGNOR hereby authorpresentative, Microsoft Way, Redmond, Washingth (TIVES), to insert here and by the following Office this APPLICAT ce, when known;	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed given Application e <u>US – United States</u>
	and was given A	
Microsoft Technology Licer behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTION patents derived therefrom, such for the United States, its ter DERIVATIVES"));	ors and assigns ("ASSIC and exclusive rights, tit N and the APPLICATION ( as continuing application	tle and interest, including the and all other applications and his, in whole or in part, in and
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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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<b>4</b>	
	2/15/2017
Inventor's Signature	Date
Michel Pahud	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

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# PATENT ASSIGNMENT

l <u>Haiju</u>	<u>ın Xia</u> ("ASSI	GNOR")	am the original	inventor or an origi	nal joint	inventor of
subject matt	er ("INVENTI	ON") dis	closed and/or	claimed in a patent	applicati	on entitled
"UNIFIED	SYSTEM	FOR	BIMANUAL	INTERACTIONS	ON	FLEXIBLE
REPRESENTA	ATIONS OF	CONTE	NT" ("APPLICA	ΓΙΟΝ"), which:		

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	No. 15/437,36	by the	following C	Office <u>US  –</u>	- United State	<u>es</u>
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	filing date, ar	nd Office, when	known;			
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	by the follow	ing Office " <u>Unite</u>	d States Pat	tent and Tra	ademark	
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Inventor's Signature	Teb 15, 2017 Date
Haijun Xia	
Printed Name in English	Printed Name in Native Language
	(if other than English)