503687516 02/11/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON ROBERT TUCK	02/10/2016
CYRUS KANGA	06/30/2014
ROSS DAVID HEETER	06/27/2014

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:	14318889

CORRESPONDENCE DATA

Fax Number: (816)421-5547

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: SHOOK, HARDY & BACON L.L.P.

Address Line 1: 2555 GRAND BLVD.

Address Line 2: INTELLECTUAL PROPERTY DEPT. Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER:	341656.01/MFCP.206998
NAME OF SUBMITTER:	JASON O. HOWARD
SIGNATURE:	/JASON O. HOWARD/
DATE SIGNED:	02/11/2016

Total Attachments: 6

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inventor of subject matter ("IN"	VENTION") disclosed and/	nal inventor or an original join or claimed in a nonprovisiona TE CONTROL INTERFACE
ASSIGNEE'S legal 2555 Grand Blv associated with REPRESENTATIVES on No. Office	ASSIGNOR hereby auth representatives, of Shook vd., Kansas City, Misso customer number 4580), to insert here in and by	Hardy & Bacon L.L.P., buri 64108, who are 09 (ASSIGNEE'S LEGAL n parentheses (filed given Application the following) this APPLICATION's
No. <u>14/318,889</u>	une 30, 2014 and w by the following Office " <u>L</u>	<u>JSPTO</u> ";
Microsoft Corporation, successors and assigns ("ASSIC entire and exclusive rights, title (and all other applications applications, in and for the U"APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA		g date, and Office into the
Application No.	Filing Date	Office

Page 1 of 2

6395830 v1

MS Docket No. 341656.01 (OC Docket No. MFCP.206998)

PATENT ASSIGNMENT

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 in the INVENTION and the APPLICATION (and 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).

<u>Jason R Tuck</u> Anventor's Signature	2/10/2016
Anventor's Signature	Date
Jason R Tuck	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>CYRUS KANGA</u> ("ASSI inventor of subject matter ("INVentent application entitled ("APPLICATION"), which:	/ENTION") disclosed and/o	•
ASSIGNEE'S legal 2555 Grand Blv associated with REPRESENTATIVES on June 30, No. 14/31 Office USPTO	ASSIGNOR hereby auth representatives, of Shook d., Kansas City, Misso customer number 4580), to insert here in 2014 and 8,889 by	Hardy & Bacon L.L.P., buri 64108, who are 09 (ASSIGNEE'S LEGAL n parentheses (filed given Application the following) this APPLICATION's
□ was filed on No. "	and ware and wa	as given Application following Office
Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, title (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and e and interest in the INV	ENTION and the APPLICATION erefrom, such as continuing
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Application No.	Filing Date	Office

Page 1 of 2

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Inventor's Signature

Printed Name in English

Date ,

Printed Name in Native Language

(if other than English)

inventor of subject matter ("INV patent application entitled ("APPLICATION"), which:	/ENTION") disclosed and/ "CONTEXTUAL REMO	OTE CONTROL INTERFACE
ASSIGNEE'S legal is 2555 Grand Blv associated with REPRESENTATIVES) on June 30, No. 14/3 Office USPTO Application No., fill was filed on	2014 and 18,889 by O ling date, and Office, whe	t, Hardy & Bacon L.L.P., buri 64108, who are 09 (ASSIGNEE'S LEGAL n parentheses (filed given Application the following) this APPLICATION's en known;
No.	by the	following Office
Microsoft Corporation, a successors and assigns ("ASSIG entire and exclusive rights, title (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	NEE"), is entitled to, and e and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
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Application No.	Filing Date	Office
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Page 1 of 2

6395842 v1

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 in the INVENTION and the APPLICATION (and 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).

Reserved Heeter Inventor's Signature	6/27/14 Date
Loss Dauid HEETER Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

6395842 v1

PATENT REEL: 037711 FRAME: 0395

RECORDED: 02/11/2016