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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3444075

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BIANCA BLOUNT LEVY	07/07/2015
RICCARDO TERRELL	07/17/2015
JONATHAN CLAUDE BAKER	07/07/2015
NANCY FUNG	07/15/2015

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:	14802364

CORRESPONDENCE DATA

Fax Number: (952)373-8920

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.

9524676088 Phone:

Email: salsup@khcip.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:	357475.01
NAME OF SUBMITTER:	SARAH A. ALSUP
SIGNATURE:	/Sarah A. Alsup/
DATE SIGNED:	07/17/2015

Total Attachments: 8

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> **PATENT** REEL: 036117 FRAME: 0234 503397450

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PATENT REEL: 036117 FRAME: 0235

PATENT ASSIGNMENT

I Bianca Blount Levy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MULTI-TIER CUSTOMIZABLE PORTAL DEPLOYMENT SYSTEM" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known: was filed on _____ and was given Application No ______ by the following 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. | Filing Date Office

Page 1 of 2

MS Docket No.: 357475.01

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MS Docket No.: 357475.01

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"));

PATENT ASSIGNMENT

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).

Bianca Blount Levy
Printed Name in English

Printed Name in English

(if other than English)

PATENT ASSIGNMENT MS Docket No.: 357475.01

I Riccardo Terrell ("ASSIGNOR") am the original inventor or an original joint

inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent

application ("APPLICATIO		IER CUSTOMIZABLE POR	TAL DEPLOYMENT SYSTEM"
	ASSIGNEE'S legal LLC., One Microsof LEGAL REPRESENT on the following Offic	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing TATIVES), to insert here and given Application to US – United States Patents Application No., filing to	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby and Trademark 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"));

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Inventor's Signature	07/17/2015 Date
Riccardo Terrell	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I Jonathan Claude Baker ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MULTI-TIER CUSTOMIZABLE PORTAL DEPLOYMENT SYSTEM" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______ and given Application No. _____ by the following Office <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No ______ by the following 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. Filing Date Office

Page 1 of 2

MS Docket No.: 357475.01

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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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laventor's Signature

Jonathan Claude Baker

Printed Name in English

ani na para na anakana na mana na mana

Date

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>357475.01</u>

I <u>Nancy Fung</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>MULTI-TIER CUSTOMIZABLE PORTAL DEPLOYMENT SYSTEM</u>" ("APPLICATION"), which:

will	be	filed.	ASSIGNOR	hereby	authorize	s, and	requests,
ASSI	GNE	E'S legal	representat	ive, Micr	osoft Tecl	nnology	Licensing,
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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"));

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May J Inventor's Signature	Date 15, 2015	
inventor's signature	Date	
Nancy Fung		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	