

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3179473

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICROSOFT CORPORATION	10/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14190707
<b>Application Number:</b>	14281437
<b>Application Number:</b>	14495420
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)739-2815
<i>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.</i>	
<b>Email:</b>	iprecordals@cpaglobal.com, vpanwar@cpaglobal.com
<b>Correspondent Name:</b>	CPA GLOBAL LIMITED
<b>Address Line 1:</b>	LIBERATION HOUSE
<b>Address Line 2:</b>	CASTLE STREET
<b>Address Line 4:</b>	ST HELIER, JERSEY JE1 1BL
<b>NAME OF SUBMITTER:</b>	HELEN BIRRELL
<b>SIGNATURE:</b>	/H/BIRRELL/IPR/VP/MICROSOFT/AG3PT/
<b>DATE SIGNED:</b>	01/13/2015
<b>Total Attachments: 2</b>	
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source=US deed - final 3 cases (2)#page2.tif	

UNITED STATES OF AMERICA  
ASSIGNMENT

WHEREAS, Microsoft Corporation ("ASSIGNOR"), a Corporation organized under the laws of Washington, with a place of business at One Microsoft Way, Redmond, Washington 98052, owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

WHEREAS, Microsoft Technology Licensing, LLC ("ASSIGNEE"), a Limited Liability Company organized under the laws of Washington, with a place of business at One Microsoft Way, Redmond, Washington 98052, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Hundred Dollars (\$100.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: **14th October, 2014**

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

Microsoft Corporation

By: 

Name: Matthew Fauvel  
Title: Authorised Signatory  
Date: 13 JAN 2015

Microsoft Technology Licensing, LLC

By: 

Name: Sarah Brennan  
Title: Authorised Signatory  
Date: 13 Jan 2015

Schedule

Country	Application Number
United States of America	14190707
United States of America	14281437
United States of America	14495420