

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

EPAS ID: PAT3102323

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MICROSOFT CORPORATION	10/14/2014

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 22**

Property Type	Number
Patent Number:	6256642
Patent Number:	5579517
Patent Number:	5758352
Patent Number:	5664133
Patent Number:	6370566
Patent Number:	6374276
Patent Number:	7411582
Patent Number:	6578054
Patent Number:	6785901
Patent Number:	6822664
Patent Number:	7454718
Patent Number:	7421666
Patent Number:	6897853
Patent Number:	6791536
Patent Number:	7024214
Patent Number:	7493130
Patent Number:	6897904
Patent Number:	6621746
Patent Number:	7644376
Patent Number:	7383460
Patent Number:	7296154

**PATENT**

Property Type	Number
Patent Number:	7076478
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(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>	
Email:	iprecordals@cpaglobal.com, nhamann@cpaglobal.com
Correspondent Name:	CPA GLOBAL LIMITED
Address Line 1:	LIBERATION HOUSE
Address Line 2:	CASTLE STREET
Address Line 4:	ST HELIER, JERSEY JE1 1BL
NAME OF SUBMITTER:	HELEN BIRRELL
SIGNATURE:	/H/BIRRELL/IPR/NH/MICROSOFT/AG22PT/
DATE SIGNED:	11/11/2014
<b>Total Attachments: 2</b>	
source=MTL - patent assignment#page1.tif	
source=MTL - patent assignment#page2.tif	

# ASSIGNMENT OF PATENTS AND APPLICATIONS

## 1. ASSIGNMENT

FOR \$100 US (one hundred United States dollars), and other good and valuable consideration, the receipt of which is hereby acknowledged,

Microsoft Corporation, a corporation organized under the laws of Washington and having an office and place of business at One Microsoft Way, Redmond, Washington 98052 ("ASSIGNOR"),

hereby sells, assigns, transfers, and conveys to

Microsoft Technology Licensing, LLC, a limited liability company organized under the laws of Washington and having an office and place of business at One Microsoft Way, Redmond, Washington 98052 ("ASSIGNEE"),

all right, title and interest ASSIGNOR has in and to the patents and patent applications listed in **Exhibit A**, attached hereto, including any and all legal rights to sue for past, present and future infringement, to collect royalties, to prosecute all existing patent applications worldwide, to apply for additional patents worldwide and to have patents issue in the name of ASSIGNEE.

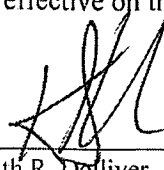
(1) ASSIGNOR requests and authorizes the appropriate officials in any country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(2) ASSIGNOR grants to ASSIGNEE and its agents authority and power to insert on this instrument any further identification necessary or desirable for purposes of recordation in the Patent and Trademark Office of any country.

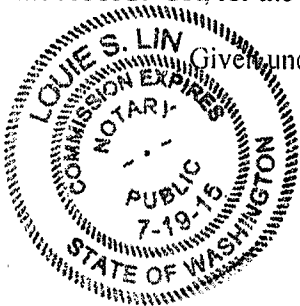
(3) ASSIGNOR certifies that the person signing this assignment is a lawful representative of ASSIGNOR and is authorized to execute this assignment its behalf.

(4) This assignment will become effective on the date when both ASSIGNOR and ASSIGNEE have signed it.

10/14/14  
DATE

Signature of  for ASSIGNOR  
Keith R. Dolliver, Assistant Secretary

I certify that the above-identified ASSIGNOR, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNOR, for the uses and purposes therein set forth.



Given under my hand and seal, this 14 October 2014 [Date].

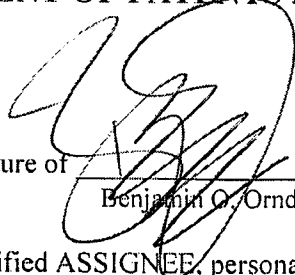


Assignment of Patents and Applications -- Final  
Page 1

ASSIGNMENT OF PATENTS AND APPLICATIONS

ACCEPTANCE

10/17/14  
DATE

Signature of  for ASSIGNEE.  
Benjamin O. Orndorff, Director

I certify that the above-identified ASSIGNEE, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNEE, for the uses and purposes therein set forth.

Given under my hand and seal, this 14 October 2014 [Date].

