PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3639849

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BIN BENJAMIN ZHU	12/03/2008
MIN FENG	12/05/2008

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:	14877030

CORRESPONDENCE DATA

Fax Number:

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.

Email: usdocket@microsoft.com

COLLINS & COLLINS INTELLECTUAL, LLC Correspondent Name:

Address Line 1: 2690 NORTH 1600 EAST Address Line 4: NORTH LOGAN, UTAH 84341

ATTORNEY DOCKET NUMBER:	324329.07
NAME OF SUBMITTER:	LORI BISHOP
SIGNATURE:	/Lori Bishop/
DATE SIGNED:	12/02/2015

Total Attachments: 4

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PATENT REEL: 037192 FRAME: 0001 503593219

PATENT ASSIGNMENT MS Docket No.: 324329.01

I/WE, Bin Benjamin Zhu and Min FENG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISTRIBUTED SINGLE SIGN ON TECHNOLOGIES INCLUDING PRIVACY PROTECTION AND PROACTIVE UPDATING" ("APPLICATION"), which:

	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
	the Law and Corporate Affairs Department, Microsoft Corporation, One
	Microsoft Way, Redmond, Washington 98052, who are associated with
	customer number 22971, to insert here in parenthesis (Application No.
	, filed) this APPLICATION's Application No. and
	filing date, when known;
×	was filed on 11-24-2008 and was given Application No. 12/276,428
	is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived there from, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

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, the 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 there from, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

PATENT ASSIGNMENT MS Docket No.: 324329.01

Title: $\frac{\textbf{DISTRIBUTED SINGLE SIGN ON TECHNOLOGIES INCLUDING PRIVACY PROTECTION AND}}{\underline{PROACTIVE~UPDATING}}$

Inventor's Signature	Dec. 3, 2008 Date
Bin Benjamin Zhu	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Min Feng	
Printed Name in English	Printed Name in Native Language (if

other than English)

PATENT ASSIGNMENT MS Docket No.: 324329.01

I/WE, Bin Benjamin Zhu and Min FENG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISTRIBUTED SINGLE SIGN ON TECHNOLOGIES INCLUDING PRIVACY PROTECTION AND PROACTIVE UPDATING" ("APPLICATION"), which:

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PATENT ASSIGNMENT

MS Docket No.: 324329.01

Title: DISTRIBUTED SINGLE SIGN ON TECHNOLOGIES INCLUDING PRIVACY PROTECTION AND PROACTIVE UPDATING

Inventor's Signature Date Bln Benjamin Zhu	Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature Date	Bin Benjamin Zhu	
	inventor's Signature	Date
	•	

Min Fend 12/5/2008
Inventor's Signature Date

Min Feng 14 3

Printed Name in English Printed Name in Native Language (if

other than English)

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Microsoft Corporation

PATENT REEL: 037192 FRAME: 0005

RECORDED: 12/02/2015