Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vadim Eydelman	01/18/2012
Brian Kress	01/18/2012
Matthias Leibmann	01/18/2012
Moustafa Noureddine	01/18/2012
Lei Yu	01/18/2012
Haibo Luo	01/18/2012

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:	13354324

CORRESPONDENCE DATA

Fax Number: (425)936-7329 Phone: 425-707-9382 Email: vffiling@microsoft.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Address Line 4: Redmond, WASHINGTON 98052

NAME OF SUBMITTER: Garyma Saksena

PATENT

REEL: 027564 FRAME: 0237

via US Mail.

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Total Attachments: 12 source=334891-01-Executed-Assignment.pdf-#page1.tif source=334891-01-Executed-Assignment.pdf-#page2.tif source=334891-01-Executed-Assignment.pdf-#page3.tif source=334891-01-Executed-Assignment.pdf-#page4.tif source=334891-01-Executed-Assignment.pdf-#page5.tif source=334891-01-Executed-Assignment.pdf-#page6.tif source=334891-01-Executed-Assignment.pdf-#page7.tif source=334891-01-Executed-Assignment.pdf-#page8.tif source=334891-01-Executed-Assignment.pdf-#page9.tif source=334891-01-Executed-Assignment.pdf-#page10.tif source=334891-01-Executed-Assignment.pdf-#page11.tif source=334891-01-Executed-Assignment.pdf-#page12.tif

PATENT REEL: 027564 FRAME: 0238 PATENT ASSIGNMENT MS Docket No.: 334891.01

I/WE, Vadim	Eydelman, Brian Kre	ss, Matthias Lei	bmann, Mousta	ıfa Noureddine,
Lei Yu, and Haibo	Luo ("ASSIGNOR"),	have invented	subject matter	("INVENTION")
disclosed and/or	claimed in a pate	ent application	entitled "inte	grating Server
Applications with M	ultiple Authentication	า Providers" ("AP	PLICATION"), w	
				war and the second seco

\boxtimes	will be filed without	this execut	ted PATENT	' ASSIGNMI	ENT. ASSIGNOR
	hereby authorizes, a	and requests	, ASSIGNEE	'S legal re _l	presentatives, of
	the Law and Corpora				
	Microsoft Way, Redn	nond, Washii	ngton 9805	2, who are	associated with
	customer number 6	9316, to in	isert here i	n parenth	esis (Application
	No. 13/354324	, filed	01/19/2012) this	APPLICATION's
	Application No. and	filing date, v	vhen known	;	
	was filed on	and was	given App	lication No	
	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 therefrom, 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 therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

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Inventor's Signature	Date
Vadim Eydelman	had a black a bound of 66
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>334891.01</u>

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3 Supplies	1/18/2012
Inventor's Signature	Date
Brian Kress	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Matthias Leibmann	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Moustafa Noureddine	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Lei Yu	
Printed Name in English	Printed Name in Native Language (if

other than English)

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MS Docket No.: 334891.01

by contas's Cianas us	Pata
Inventor's Signature	Date
Haibo Luo	
Printed Name in English	Printed Name in Native Language (if
	other than English)

MS Docket No.: <u>334891.01</u>

I/WE, Vadim Eydelman, Brian Kress, Lei Yu, and Haibo Luo ("ASSIGNOR"), hav	Matthias Leibmann, Moustafa Noureddine, re invented subject matter ("INVENTION")
disclosed and/or claimed in a patent Applications with Multiple Authentication Pro	
, . purang	xecuted PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requ	uests, ASSIGNEE'S legal representatives, of
•	rs Department, Microsoft Corporation, One
• • • • • • • • • • • • • • • • • • • •	ashington 98052, who are associated with
No	to insert here in parenthesis (Application ed) this APPLICATION's
Application No. and filing da	te, when known;
was filed on and	l was given Application No;
\square is filed concurrently herewith	1;
•	Corporation, on behalf of itself and its
successors and assigns ("ASSIGNEE"), is entended entire and exclusive rights, title and interest	
(and all other applications and patents	
applications, in and for the United States	
("APPLICATION DERIVATIVES"));	
For good and valuable considera	ation, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIG	
the ASSIGNEE, the entire and exclusive righ	
the APPLICATION (and APPLICATION DERIVA	
~	truments and documents required for the
making and prosecution of the APPLICAT litigation regarding letters patent derived th	
and perfecting title to the APPLICATION (and	
and perfecting the to the Art Electron (and	AT EICATION DERIVATIVES).
Inventor's Signature	 Date
Vadim Eydelman	
Printed Name in English	Printed Name in Native Language (if

other than English)

PATENT ASSIGNMENT MS Docket No. :334891.01

Inventor's Signature	Date
Brian Kress	
Printed Name in English	Printed Name in Native Laguage (1) other than English)
Mathias leibe	a_ // 18/2012
Inventor's Signature	Date
Matthias Leibmann	
Printed Name in English	Printed Name in Native Language (if Other than English)
nventor's Signature	Date
Moustafa Noureddine	
rinted Name in English	Printed Name in Native Language (if
	other than English)
nventor's Signature	Date
.ei Yu	
Proted Name in English	Printed Name in Native Language (if

PATENT REEL: 027564 FRAME: 0243

PATENT ASSIGNMENT MS Docket No.: 334891.01

Inventor's Signature	Date
Haibo Luo	
Printed Name in English	Printed Name in Native Language (if
	other than English)

MS Docket No.: <u>334891.01</u>

Lei Yu, and Haibo Luo ("ASSIGNOR"), have disclosed and/or claimed in a patent Applications with Multiple Authentication Professional Will be filed without this experience of the Law and Corporate Affair Microsoft Way, Redmond, Wordshop Customer number 69316, No	application entitled "Integrating Server oviders" ("APPLICATION"), which: executed PATENT ASSIGNMENT. ASSIGNOR uests, ASSIGNEE'S legal representatives, of rs Department, Microsoft Corporation, One ashington 98052, who are associated with to insert here in parenthesis (Application and
successors and assigns ("ASSIGNEE"), is entered entire and exclusive rights, title and interest (and all other applications and patents applications, in and for the United States ("APPLICATION DERIVATIVES")); For good and valuable considerate acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive right the APPLICATION (and APPLICATION DERIVATION).	st in the INVENTION and the APPLICATION derived therefrom, such as continuing, its territories, and all foreign countries ation, the receipt of which is hereby NOR hereby sells, assigns and transfers to ts, title and interest in the INVENTION and TIVES); truments and documents required for the ION (and APPLICATION DERIVATIVES), for erefrom, and for the purpose of protecting
Inventor's Signature	Date
Vadim Eydelman	
Printed Name in English	Printed Name in Native Language (if

other than English)

Printed Name in English

PATENT ASSIGNMENT MS Docket No.: 334891.01 Inventor's Signature Date Brian Kress

Printed Name in Native Language (if

other than English)

Inventor's Signature Date Matthias Leibmann Printed Name in English Printed Name in Native Language (if other than English)

1/18/2012 Inventor's Signature Moustafa Noureddine Printed Name in Native Language (if Printed Name in English other than English)

Inventor's Signature Date Lei Yu Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 334891.01

Inventor's Signature	 Date
Haibo Luo	
Printed Name in English	Printed Name in Native Language (if

I/WE, Vadim Eydelman, Brian Kress, Matthias Leibmann, Moustafa Noureddine, Lei Yu, and Haibo Luo ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Integrating Server Applications with Multiple Authentication Providers" ("APPLICATION"), which:

Will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR

W	will be filed	without th	is execut	ted PATEN	T ASSIGN	IMENT.	ASSIGNOR
	hereby auth	orizes, and	requests	, ASSIGNE	E'S legal	represer	itatives, of
	the Law and	Corporate /	Affairs De	epartment,	Microsof	ft Corpor	ation, One
	Microsoft W	ay, Redmon	d, Washir	ngton 980	52, who	are asso	ciated with
	customer ni						
	No	/354324	_, filed	01/19/2012	_) this	s APPL	.ICATION's
	Application	No. and filin	g date, w	hen know	n;		
	was filed on	***************************************	and was	given App	olication I	No	, ,
	is filed conc	urrently her	ewith;				

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

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Inventor's Signature	Date
Vadim Eydelman	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Page 1 of 3

MS Docket No.: 334891.01

PATENT ASSICNMENT MS Docket No.: 334891.01

nventor's Signature	Date
Brian Kress	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	 Date
•	
Matthias Leibmann Printed Name in English	Printed Name in Native Language (if other than English)
	iii
nventor's Signature	
Moustafa Noureddine	
Printed Name in English	Printed Name in Native Language (if other than English)
ELL _	1/18/2012
Inventor's Signature	Date A A
Lei Yu Brintad Nama in English	Brintad Nama in Nation Language (S
Printed Name in English	Printed Name in Native Language (if

MS Docket No.: 334891.01

Inventor's Signature Date

Haibo Luo

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Page 3 of 3

PATENT REEL: 027564 FRAME: 0250

RECORDED: 01/20/2012