10/29/2014 503040284

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3086882

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIM TOM BELESIU	05/14/2012
GENE ROBERT OBIE	06/05/2012
JAMES CHARLES MARSHALL	05/11/2012
ROBERT D. YOUNG	05/14/2012
NATHAN C. SHERMAN	05/14/2012
EDWARD C. GIAIMO	05/14/2012
DAVID NEFF	05/14/2012

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:	13653321

CORRESPONDENCE DATA

Fax Number: (509)755-7252

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.

Phone: 5097557262

Email: danielle@wolfe-sbmc.com

WOLFE-SBMC **Correspondent Name:** Address Line 1: 601 W. MAIN AVE

Address Line 2: **SUITE 1300**

SPOKANE, WASHINGTON 99201 Address Line 4:

ATTORNEY DOCKET NUMBER:	336143.03
NAME OF SUBMITTER:	WILLIAM J. BREEN, III
SIGNATURE:	/William J. Breen, III, Reg. No. 45,313/
DATE SIGNED:	10/29/2014

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Total Attachments: 21 source=336143.03#page1.tif source=336143.03#page2.tif source=336143.03#page3.tif source=336143.03#page4.tif source=336143.03#page5.tif source=336143.03#page6.tif source=336143.03#page7.tif source=336143.03#page8.tif source=336143.03#page9.tif source=336143.03#page10.tif source=336143.03#page11.tif source=336143.03#page12.tif source=336143.03#page13.tif source=336143.03#page14.tif source=336143.03#page15.tif source=336143.03#page16.tif source=336143.03#page17.tif source=336143.03#page18.tif source=336143.03#page19.tif source=336143.03#page20.tif source=336143.03#page21.tif

PATENT REEL: 034064 FRAME: 0718

PATENT ASSIGNMENT

I/WE. Jim Tom Belesiu, Gene Robert Obie, James Charles Marshall, Robert D. Young, Nathan C. Sherman, Edward C. Giaimo, Ill, David Neff, Jose R. Sousa ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Accessory Device Authentication" ("APPLICATION"), which:

C331	inen weresonly nei	nce Authentication (Application), which:			
	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereb 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 69316, to insert here in parenthesis (Application No. 13/471,405, filed 05/14/2012) this APPLICATION's Application No. and filing date, when known;				
	was filed on	and was given Application No			
0	is filed concurrent				
N	icrosoft Corporatio	n, a Washington Corporation, on behalf of its	elf and its		
100		"), is entitled to, and is desirous of acquiring est in the INVENTION and the APPLICATION (

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

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).

Inventor's Signature (1777) 10-77 Blacky Jim Tom Belesiu	Date 14.1001/2012	£
 Printed Name in English	Printed Name in Native Language (if other than English)	7

Page 1 of 3

Inventor's Signature	Date	
Gene Robert Obie		
Printed Name in English	Printed Name in Native Language (if other than English)	
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Inventor's Signature James Charles Marshall	Date	
Printed Name in English	Printed Name in Native Language (if	
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	other than English)	
Inventor's Signature		
Inventor's Signature Robert D. Young	other than English)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
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Robert D. Young Printed Name in English	Other than English) Printed Name in Native Language (if other than English)	

Page 2 of 3

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Inventor's Signature	Date	
Edward C. Giaimo, III		
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Inventor's Signature Down The Company of the Compa	Date 5-/4つ202 Date 5-/4つ202	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
 Printed Name in English	Printed Name in Native Language (if other than English)	

	Inventor's Signature	,,,,,,,	Date	, manual 1
	Jose R. Sousa			
-	Printed Name in English		Printed Name in Native Language (if other than English)	***************************************

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P.002

Docket No. 336143.02

PATENT ASSIGNMENT				
I/WE, Jim Tom Belesiu, Gene Robert Obie, James Ch	arles Marshall, Robert D.			
Young, Nathan C. Sherman, Edward C. Giaimo, III, David Neff, Jos	e R. Sousa ("ASSIGNOR"),			
have invented subject matter ("INVENTION") disclosed and/or cla	imed in a patent			
application entitled "Accessory Device Authentication" ("APPLICA"	·			
will be filed without this executed PATENT ASSIG				
authorizes, and requests, ASSIGNEE'S legal repre	•			
Corporate Affairs Department, Microsoft Corpora	·			
Redmond, Washington 98052, who are associate	· ·			
69316, to insert here in parenthesis (Application				
filed 05/14/2012) this APPLICATION's Application I				
* ·	vo. and ming date, when			
known;	ne Ne			
was filed on and was given Applicati	on No,			
is filed concurrently herewith;				
Microsoft Corporation, a Washington Corporation,				
successors and assigns ("ASSIGNEE"), is entitled to, and is desiro	· -			
and exclusive rights, title and interest in the INVENTION and the				
applications and patents derived therefrom, such as continuing a				
United States, its territories, and all foreign countries ("APPLICAT	TON DERIVATIVES"));			
For good and valuable consideration, the receipt of	which is hereby			
acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, ass	igns and transfers to the			
ASSIGNEE, the entire and exclusive rights, title and interest in the	e INVENTION and the			
APPLICATION (and APPLICATION DERIVATIVES);				
ASSIGNOR agrees to execute all instruments and do	ocuments required for the			
making and prosecution of the APPLICATION (and APPLICATION	DERIVATIVES), for litigation			
regarding letters patent derived therefrom, and for the purpose	· • • • • • • • • • • • • • • • • • • •			
title to the APPLICATION (and APPLICATION DERIVATIVES).				
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. Inventor's Signature Date	į			
lim Tom Relesiu				

Printed Name in English

REEL: 034064 FRAME: 0722

Printed Name In Native Language (if

other than English)

Docket No. 336143.02

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Inventor's Signature	Date
Gene Robert Obie	
Printed Name in English	Printed Name in Native Language (if
	other than English)

nventor's Signature	Date
lames Charles Marshall	5/11/12
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Robert D. Young Printed Name in English nventor's Signature	Date Printed Name in Native Language (if other than English)
Robert D. Young Printed Name in English nventor's Signature Nathan C. Sherman	Date Printed Name in Native Language (if other than English) Date
Inventor's Signature Robert D. Young Printed Name in English Inventor's Signature Nathan C. Sherman Printed Name in English	Date Printed Name in Native Language (if other than English)

Page 2 of 3

PATENT REEL: 034064 FRAME: 0723

Docket No. 336143.02

Inventor's Signature	Date
Edward C. Giaimo, III	
Printed Name in English	Printed Name in Native Language (if other than English)
	
nventor's Signature	Date
David Neff	
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	Date
ose R. Sousa	
Printed Name in English	Printed Name in Native Language (if

<u>PATE</u>	NT ASSIGNMENT
I/WE, Jim Tom Belesiu, Gene	Robert Obie, James Charles Marshall, Robert D.
Young, Nathan C. Sherman, Edward C. Gia	nimo, III, David Neff, Jose R. Sousa ("ASSIGNOR"),
have invented subject matter ("INVENTION	l") disclosed and/or claimed in a patent
application entitled "Accessory Device Aut	hentication" ("APPLICATION"), which:
	xecuted PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests,	ASSIGNEE'S legal representatives, of the Law and
Corporate Affairs Departn	nent, Microsoft Corporation, One Microsoft Way,
Redmond, Washington 98	052, who are associated with customer number
69316, to insert here in p	arenthesis (Application No. $\frac{13/471,405}{}$,
filed <u>05/14/2012</u>) this APPLI	CATION's Application No. and filing date, when
known;	
□ was filed on a	and was given Application No;
☐ is filed concurrently herew	vith;
Microsoft Corporation, a Was	shington Corporation, on behalf of itself and its
successors and assigns ("ASSIGNEE"), is er	ntitled to, and is desirous of acquiring, the entire
and exclusive rights, title and interest in t	he INVENTION and the APPLICATION (and all other
applications and patents derived therefrom	m, such as continuing applications, in and for the
United States, its territories, and all foreig	n countries ("APPLICATION DERIVATIVES"));
For good and valuable consi	deration, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIG	GNOR hereby sells, assigns and transfers to the
ASSIGNEE, the entire and exclusive rights,	title and interest in the INVENTION and the
APPLICATION (and APPLICATION DERIVATI	IVES);
ASSIGNOR agrees to execute	all instruments and documents required for the
making and prosecution of the APPLICATION	ON (and APPLICATION DERIVATIVES), for litigation
regarding letters patent derived therefrom	n, and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATIO	N DERIVATIVES).
Inventor's Signature	Date
Jim Tom Belesiu	
Printed Name in English	Printed Name in Native Language (if

PATENT REEL: 034064 FRAME: 0725

other than English)

Inventor's Signature	Date
Gene Robert Obie	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
james Charles Marshall	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature くらく Robert D/Young	Date 5/4/2012
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT REEL: 034064 FRAME: 0726

Printed Name in Native Language (if

other than English)

Printed Name in English

Inventor's Signature	Date
Edward C. Giaimo, III	
Printed Name in English	Printed Name in Native Language (if
	other than English)

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

Inventor's Signature	Date
Jose R. Sousa	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Page 3 of 3 **PATENT** REEL: 034064 FRAME: 0727

PATE	ENT ASSIGNMENT
I/WE, Jim Tom Belesiu, Gene	Robert Obie, James Charles Marshall, Robert D.
	aimo, III, David Neff, Jose R. Sousa ("ASSIGNOR"),
have invented subject matter ("INVENTION	
application entitled "Accessory Device Au	•
	executed PATENT ASSIGNMENT. ASSIGNOR hereby
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•	ASSIGNEE'S legal representatives, of the Law and
· · · · · · · · · · · · · · · · · · ·	ment, Microsoft Corporation, One Microsoft Way,
	8052, who are associated with customer number
	parenthesis (Application No. 13/471,405,
	ICATION's Application No. and filing date, when
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	and was given Application No;
is filed concurrently herev	vith;
Microsoft Corporation, a Wa	shington Corporation, on behalf of itself and its
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·	all instruments and documents required for the
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Inventor's Signature	Date
Jim Tom Belesiu	
Printed Name in English	Printed Name in Native Language (if

other than English)

REEL: 034064 FRAME: 0728

Docket No. 336143.02

Inventor's Signature	Date
Gene Robert Obie	
Printed Name in English	Printed Name in Native Language (if
and the second s	other than English)
nventor's Signature	Date
ames Charles Marshall	
Printed Name in English	Printed Name in Native Language (if
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	other than English)
nventor's Signature	Other than English) Date
Robert D. Young	Date
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nventor's Signature Robert D. Young Printed Name in English nventor's Signature	Date Printed Name in Native Language (if other than English)
Robert D. Young Printed Name in English nventor's Signature Nathan C. Sherman	Date Printed Name in Native Language (if other than English) Date
Robert D. Young Printed Name in English nventor's Signature	Date Printed Name in Native Language (if other than English)

Page 2 of 3

PATENT

REEL: 034064 FRAME: 0729

Docket No. 336143.02

Inventor's Signature Short C Marin Edward C. Giainno, III	Date 5/14/12
Printed Name in English Edward C. Giaimo, Tu	Printed Name in Native Language (if other than English)

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

Inventor's Signature	Date
Jose R. Sousa	
Printed Name in English	Printed Name in Native Language (if
	other than English)

REEL: 034064 FRAME: 0730

<u>PATE</u>	NT ASSIGNMENT
I/WE, Jim Tom Belesiu, Gene	Robert Obie, James Charles Marshall, Robert D.
Young, Nathan C. Sherman, Edward C. Gia	aimo, III, David Neff, Jose R. Sousa ("ASSIGNOR"),
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図 will be filed without this e	executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests,	ASSIGNEE'S legal representatives, of the Law and
Corporate Affairs Departn	nent, Microsoft Corporation, One Microsoft Way,
Redmond, Washington 98	052, who are associated with customer number
69316, to insert here in p	arenthesis (Application No. <u>13/471,405</u> ,
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Microsoft Corporation, a Wa	shington Corporation, on behalf of itself and its
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-	deration, the receipt of which is hereby
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	title and interest in the INVENTION and the
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·	e all instruments and documents required for the
	ON (and APPLICATION DERIVATIVES), for litigation
	n, and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATIO	
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Inventor's Signature	Date
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Jim Tom Belesiu	
Printed Name in English	Printed Name in Native Language (if
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PATENT REEL: 034064 FRAME: 0731

other than English)

Inventor's Signature	Date
Gene Robert Obie	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
James Charles Marshall	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Inventor's Signature	Date
Robert D. Young	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Inventg/r',g/ Signature	Date
Al	Monday, May 14, 2012
Nathan C. Sherman	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Page 2 of 3 **PATENT REEL: 034064 FRAME: 0732**

Inventor's Signature	Date
Edward C. Giaimo, III	
Printed Name in English	Printed Name in Native Language (if
	other than English)

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

Inventor's Signature	Date
Jose R. Sousa	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Page 3 of 3 **PATENT REEL: 034064 FRAME: 0733**

PATENT ASSIGNMENT

Young, Nathan C. Sherman, Edward C. Giai have invented subject matter ("INVENTION" application entitled "Accessory Device Authorizes, and requests, A Corporate Affairs Department Redmond, Washington 980 69316, to insert here in page	•
	and was given Application No. $13/471,405$;
☐ is filed concurrently herew	ith;
successors and assigns ("ASSIGNEE"), is ent	hington Corporation, on behalf of itself and its
5	e INVENTION and the APPLICATION (and all other
•	n, such as continuing applications, in and for the
United States, its territories, and all foreign	
_	eration, the receipt of which is hereby NOR hereby sells, assigns and transfers to the
ASSIGNEE, the entire and exclusive rights,	
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	all instruments and documents required for the
_	ON (and APPLICATION DERIVATIVES), for litigation
	and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATION	
Inventor's Signature	Date
Jim Tom Belesiu	
Printed Name in English	Printed Name in Native Language (if
	other than English)

PATENT REEL: 034064 FRAME: 0734

Inventor's Signature	Date
Gene Robert Obie	4/5/2012
Printed Name in English	Printed Name in Native Language (if
	other than English)

James Charles Marshall	

Inventor's Signature	Date
Robert D. Young	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Inventor's Signature	Date
Nathan C. Sherman	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Page 2 of 3 **PATENT** REEL: 034064 FRAME: 0735

Inventor's Signature	Date
Edward C. Giaimo, III	
Printed Name in English	Printed Name in Native Language (if
	other than English)

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

Inventor's Signature	Date
Jose R. Sousa	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 3 of 3 **PATENT REEL: 034064 FRAME: 0736**

PATENT ASSIGNMENT

Young, Nathan C. Sherman, Edward C. Giai have invented subject matter ("INVENTION" application entitled "Accessory Device Authorizes, and requests, authorizes, and requests, accorporate Affairs Departm Redmond, Washington 980 69316, to insert here in pafiled) this APPLIC	•
is filed concurrently herew Microsoft Corporation, a Was	hington Corporation, on behalf of itself and its
and exclusive rights, title and interest in the applications and patents derived therefrom United States, its territories, and all foreign For good and valuable considerable	leration, the receipt of which is hereby
ASSIGNEE, the entire and exclusive rights, a APPLICATION (and APPLICATION DERIVATIVE ASSIGNOR agrees to execute	
	, and for the purpose of protecting and perfecting
Inventor's Signature	Date
Jim Tom Belesiu Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 3

PATENT REEL: 034064 FRAME: 0737

Inventor's Signature	Date
Gene Robert Obie	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
lames Charles Marshall	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Robert D. Young	
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Page 2 of 3 **PATENT REEL: 034064 FRAME: 0738**

Inventor's Signature	Date	f
Edward C. Giaimo, III		_
Printed Name in English	Printed Name in Native Language (if other than English)	

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

Inventor's Signature	manusana.	Date 6/18/2012
Printed Name in English		Printed Name in Native Language (if other than English)

Page 3 of 3

PATENT

RECORDED: 10/29/2014 REEL: 034064 FRAME: 0739