PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2803721

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM F. BARTON	09/28/2007
FRANCISCO M. GALANES	03/23/2007
LAWRENCE M. OCKENE	03/28/2007
ANAND RAMAKRISHNA	03/27/2007
TAI SARAF	03/27/2007

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:	13412413

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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

US Mail.

Phone: 215-568-3100

RPRICEFISCHER@BAKERLAW.COM Email:

Correspondent Name: **BAKER & HOSTETLER LLP**

Address Line 1: 2929 ARCH STREET

Address Line 2: CIRA CENTRE, 12TH FLOOR

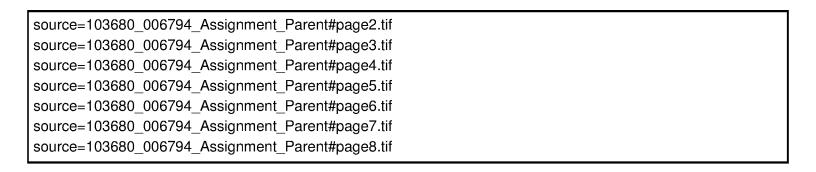
PHILADELPHIA, PENNSYLVANIA 19104-2891 Address Line 4:

ATTORNEY DOCKET NUMBER:	103680.006794	
NAME OF SUBMITTER:	ROZELL PRICE FISCHER	
SIGNATURE:	/Rozell Price Fischer/	
DATE SIGNED:	04/07/2014	

Total Attachments: 8

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PATENT REEL: 032620 FRAME: 0175



PATENT REEL: 032620 FRAME: 0176

PATENT ASSIGNMENT

WE, William F. Barton, Francisco M. Galanes, Lawrence M. Ockene, Anand Ramakrishna, Tal Saraf ("ASSIGNOR"), residing at 180 Prospect Hill Road, Harvard, Massachusetts, 01451; Francisco M. Galanes, 8 Nobscot Road, Wellesley, Massachusetts, 02482; 14304 172nd Avenue Northeast, Redmond, Washington 98052; 3630 173nd Court Northeast, Redmond, Washington 98052; 924 36th Avenue, Seattle, Washington 98122, have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Communications Using Different Modalities" ("APPLICATION"), which:

Woodc Philade custom	filed without this executed PATEN authorizes, and requests, ASSIGNED ock Washburn, LLP, Cira Centre, 29 alphia, Pennsylvania 19104–2891, per number 41505, to insert here in filed $\frac{4/3}{0}$ 7 this APPLICATION'S U.S. when known;	S'S legal representatives, of 29 Arch Street, 12th Floor, who are associated with
L] was file	ed on and was given U. concurrently herewith;	S. Serial No.

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).

DATE	W	illiaṃ F. Barton
DATE		ancisco M. Galanes
DATE		wrence M. Ockene

Page 1 of 2

Page 2 of 2

DATE

MS Docket No. 318:394.01 (OC Docket No. MSFT -5809)

PATENT ASSIGNMENT				
WE, William F. Barton, Francisco M. Galanes, Lawrence M. Ockene, Anand				
Ramakrishna, Tal Saraf ("ASSIGNOR"), residing at 180 Prospect Hill Road, Harvard,				
Massachusetts, 01451; 8 Nobscot Road, Wellesley, Massachusetts, 02482; 1126 36th				
Avenue, Seattle, Washington 98122; 3630 173rd Court Northeast, Redmond,				
Washington 98052; 924 36th Avenue, Seattle, Washington 98122, have invented				
subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled				
"Communications Using Different Modalities" ("APPLICATION"), which:				
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR				
hereby authorizes, and requests, ASSIGNEE'S legal representatives, of				
Woodcock Washburn, LLP, Cira Centre, 2929 Arch Street, 12th Floor,				
Philadelphia, Pennsylvania 19104–2891, who are associated with				
customer number 41505, to insert here in parenthesis (U.S. Serial No.				
11/695,826 filed $\frac{4/3/9}{1}$ this APPLICATION'S U.S. Serial Number and filing				
date, when known:				
was filed on April 3, 2007 and was given U.S. Serial No. 11/695,826;				
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				
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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).				
(8-10-07)				
DATE William F. Barton				
WHIMEL : PERCON				
DATE Francisco M. Galaries				

PATENT REEL: 032620 FRAME: 0179

Lawrence M. Ockene

2007 16:56 From:MAESTRO INC	9788975616	To:+2155683439	P.8/1:
		et No. 318394.01 set No. MSFT-5809)	
DATE		amakrishna	**************************************
	Andro Ka	andribind	
DATE	Tal Saraf		uranamananan kanamanan

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SEP-29-2007 16:56 From:MAESTRO INÇ

PATENT REEL: 032620 FRAME: 0180

P.8/11

PATENT ASSIGNMENT

WE, William F. Barton, Francisco M. Galanes, Lawrence M. Ockene, Anand Ramakrishna, Tal Saraf ("ASSIGNOR"), residing at 180 Prospect Hill Road, Harvard, Massachusetts, 01451; 8 Nobscot Road, Wellesley, Massachusetts, 02482; 1126 36th Avenue, Seattle, Washington 98122; 3630 173rd Court Northeast, Redmond, Washington 98052; 924 36th Avenue, Seattle, Washington 98122, have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Communications Using Different Modalities" ("APPLICATION"), which:

⊠ will be 1	filed without this execu	ited PATENT	ASSIGNMENT	. ASSIG	NOR
hereby a	authorizes, and request	s, ASSIGNEE'	S legal repres	entative	s, of
Woodco	ck Washburn, LLP, Cira	Centre, 292	9 Arch Stree	t, 12th F	loor,
	phia, Pennsylvania 19				
custome	er number 41505, to ins	ert here in p	arenthesis (U	.S. Seria	l No.
11/69 <u>5,826</u> fi	led $\frac{4/3/07}{2}$ this APPLICA	TION'S U.S.	Serial Numb	er and f	iling
date, wh	ien known;				_
was filed	ion and v	vas given U.S	. Serial No		

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DATE	William F. Barton
HAG 23, 2007	Francisco M. Galanes
DATE	Lawrence M. Ockene

03/15/2007	12:45	617948267*-	BOSTON MS Docket No. 318501 (OC Docket No. MSFT-5809)	PAGE	08/13
DATE			Anand Ramakrishna		
DATE		AND	Tal Saraf	**************************************	

MS Docket No. 3183(1 (OC Docket No. MSFT-3809)

PATENT ASSIGNMENT

WE, William F. Barton, Francisco M. Galanes, Lawrence M. Ockene, Anand Ramakrishna, Tal Saraf ("ASSIGNOR"), residing at 180 Prospect Hill Road, Harvard, Massachusetts, 01451; 8 Nobscot Road, Wellesley, Massachusetts, 02482; 1126 36th Avenue, Seattle, Washington 98122; 3630 173th Court Northeast, Redmond, Washington 98052; 924 36th Avenue, Seattle, Washington 98122, have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Communications Using Different Modalities" ("APPLICATION"), which:

\boxtimes	will be filed without this	executed PATENT	ASSIGNMENT.	ASSIGNOR
	hereby authorizes, and i	equests, ASSIGNEE	'S legal represer	itatives, of
	Woodcock Washburn, LL	P, Cira Centre, 292	29 Arch Street,	12th Floor,
	Philadelphia, Pennsylvar	nia 19104-2891,	who are assoc	lated with
	customer number 41505	, to insert here in p	parenthesis (U.S.	. Serial No.
11/69	$5,826$, filed $\frac{4}{3}$ 03 this A	APPLICATION'S U.S.	Serial Number	and filing
	date, when known;			
	was filed on	and was given U.S	S. Serial No.	
	is filed concurrently here	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"));

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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).

DATE	William F. Barton
DATE	Francisco M. Galanes
March 28, 2007	La Lander German
DATE	Lawrence M. Ockene

PATENT REEL: 032620 FRAME: 0183

		MS Docket No. 31839 (OC Docket No. MSFT-5-09)	
DATE	WWW.WW.	Anand Ramakrishna	

Tal Saraf

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H. 03/05

PATENT REEL: 032620 FRAME: 0184

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DATE