502871814 06/27/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2918411

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL ANTHONY HALL	06/10/2014
JOSHUA O. MILLER	06/17/2014

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:	14318439

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 425-707-9382

Email: vffiling@microsoft.com
Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	341435.01
NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	06/27/2014

Total Attachments: 4

source=341435.01 Executed Assignments#page1.tif source=341435.01 Executed Assignments#page2.tif source=341435.01 Executed Assignments#page3.tif source=341435.01 Executed Assignments#page4.tif

PATENT 502871814 REEL: 033202 FRAME: 0486

PATENT ASSIGNMENT

l Michael Anthony Hall ("ASSIGNOR") am the origina	al inventor or an original joint	
inventor of subject matter	· · · · · · · · · · · · · · · · · · ·		
application entitled "DIRECTION		•	
	ASSIGNOR hereby author		
ASSIGNEE'S legal representatives, of the Law and Corporate Affairs			
•	Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert		
hara in paranthas	es (filed on <u>June 27, 2014</u>	and given Application	
No. 14/318 439 h	y the following Office	_ and given Application	
	l's Application No., filing		
	is Application No., Illing	date, and Office, when	
known;			
\square was filed on	and was given A	Application	
	by the following Office		
	by the following office ".		
	,		
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, to INVENTION and the APPLICATION therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including FION (and all other appli applications, in whole or	the right of priority, in the cations and patents derived in part, in and for the United	
ASSIGNOR hereby autho	rizes, and requests, ASSIGN	IEE'S LEGAL REPRESENTATIVES	
to insert the Application No.,	filing date, and Office int	o the following table for any	
APPLICATION DERIVATIVES after	r they are known;		
Application No.	Filing Date	Office	

Page 1 of 2

MS Docket No.: <u>341435.01</u>

PATENT ASSIGNMENT

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Muha Mall	6/10/2014
Inventor's Signature	Date
Michael Anthony Hall	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 341435.01

PATENT ASSIGNMENT MS Docket No.: 341435.01

l <u>Josh</u>	ua O. Miller ("ASS	SIGNOR") am the original	inventor or an original joint
inventor of	subject matter (("INVENTION") disclosed	and/or claimed in a patent
application e	ntitled " <u>DIRECTION</u>	NAL AUDIO NOTIFICATION	' ("APPLICATION"), which:
		ASSIGNOR hereby auth	
	ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond,		
	Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert		
	here in parentheses (filed on June 27, 2014 and given		
		14/318,439 by	
	* 3		his APPLICATION'S
		iling date, and Office, whe	
	was filed on	and was given	Application No
	***************************************	by the following Office	
	55	H,	
			n, on behalf of itself and its
			is desirous of acquiring, the
			g the right of priority, in the
			ications and patents derived
			in part, in and for the United
States, its ter	ritories, and all fo	reign countries ("APPLICAT	TON DERIVATIVES"));
ACC16"	NAD berahi	anthopinas and some	naman kangrapan kangrapan kan kangrapan kan
			uests, ASSIGNEE'S LEGAL g date, and Office into the
		TION DERIVATIVES after the	
Application N		Filing Date	Office
	***************************************		~33300

Page 1 of 2

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Juno Jella	6/17/2014
Inventor's Signature	Date
Joshua O. Miller	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 341435.01