502168474 12/19/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark Wahl	12/13/2012

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:	13719416	

CORRESPONDENCE DATA

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Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	336408.01

Shah Faisal Khan

Total Attachments: 2

NAME OF SUBMITTER:

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PATENT REEL: 029497 FRAME: 0605 CH \$40.00 13/1941

PATENT ASSIGNMENT MS Docket No.: 336408.01

subject matt	er ("INVENTION") d	isclosed and/or cl	aimed ir	or an original joint invento n a patent application entit VALUATION" ("APPLICATIO	tled
Ø	ASSIGNEE'S legal in Department, Micro Washington 9805. here in parenthes Application No. Office	representatives, of osoft Corporation, 2 (ASSIGNEE'S LEG	the Law One Mid AL REPRI 19-DEC-201	orizes, and requests, wand Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's name known;	
	No			was given Application y the following Office	
successors a entire and e (and all ot applications	and assigns ("ASSIC exclusive rights, titl her applications a	ONEE"), is entitled le and interest in and patents deri United States, its	to, and the INVE ved the	n, on behalf of itself and is desirous of acquiring, ENTION and the APPLICAT refrom, such as continues, and all foreign count	the ION iing
ASSIC REPRESENTA	NOR hereby TIVES to insert t	authorizes, and he Application N	l requ o., filing	uests, ASSIGNEE'S LE g date, and Office into	GAL the
following ta	ble for any APPLICA	TION DERIVATIVES	after th	ney are known;	
Application	No.	Filing Date		Office	
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PATENT ASSIGNMENT

MS Docket No.: 336408.01

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 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).

MALI	Nocomber 13, 2012
Inventor's Signature	Date
Mark Wahl	
Printed Name in English	Printed Name in Native Language (if other than English)