PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK F. NOVAK	05/21/2014

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:	14284221

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NAME OF SUBMITTER:	DANIEL T. MCGINNITY
SIGNATURE: /Daniel T. McGinnity,#55444/	
DATE SIGNED:	05/22/2014

Total Attachments: 2

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PATENT 502821451 REEL: 032952 FRAME: 0357

PATENT ASSIGNMENT

l <u>Mar</u>	<u>k F. Novak</u> ("ASSI	GNOR") am the o	riginal i	inventor or a	ın original joint
inventor of	subject matter ('	"INVENTION") disc	losed a	and/or claime	ed in a patent
application which:	entitled " <u>Bifurcated</u>	d Authentication	Token [*]	<u>Techniques</u> " ("APPLICATION"),
\boxtimes	will be filed.	ASSIGNOR hereb	y auth	orizes, and	requests.
		representatives, of			
	•	osoft Corporation,		•	
		2 (ASSIGNEE'S LEGA		• "	•
	-	eses (filed on			
	Application No	14/284,221		by the	following
	Office	USPTO	***************************************) this APPLI	CATION's
		ling date, and Offi			
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	was filed on	and wa	s given .	Application	
	No	by the followin	g Office	3	
	***************************************	49. F			
successors a entire and e INVENTION therefrom, s	soft Corporation, and assigns ("ASSICexclusive rights, time and the APPLICAT such as continuing rritories, and all for	INEE"), is entitled tle and interest, in ION (and all oth- applications, in w	to, and icluding er appl hole or	is desirous of the right of ications and in part, in an	of acquiring, the priority, in the patents derived d for the United
ASSIG	NOR hereby	authorizes, and	requ	uests. ASSI	GNEE'S LEGAL
	TIVES to insert t		-		
following tal	ble for any APPLICA	TION DERIVATIVES	after th	ney are known	
Application	No.	Filing Date		Office	

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MS Docket No.: 341242.01

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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).

Mark Nouce	5/21/2014
Inventor's Signature	Date
Mark F. Novak	
Printed Name in English	Printed Name in Native Language
	(if other than English)