PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
NATHAN J. IDE	12/12/2013	
MAGNUS NYSTROM	12/15/2013	

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:	14109841	

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ATTORNEY DOCKET NUMBER:	340217.01
NAME OF SUBMITTER:	TUAN NGO
Signature:	/Tuan Ngo/
Date:	12/17/2013

502606126 REEL: 031803 FRAME: 0799

Total Attachments: 4

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PATENT REEL: 031803 FRAME: 0800

PATENT ASSIGNMENT

I, Nathan J. Ide ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTOMATIC STRONG IDENTITY GENERATION FOR CLUSTER NODES" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, 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 December 17, 2013 and given Application No. 14/109,841 by the following Office USPTO this APPLICATION's Application No., filing date, and Office, when known; was filed on and was given Application No by the following Office "_____ 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")); ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Page 1 of 2

MS Docket No.: 340217.01

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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 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).

No FG	12/12/2013
Inventor's Signature	Date
Nathan J. Ide	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

inventor of	subject matter ("lentitled "AUTOMATIC	NVENTION") disclosed a	inventor or an original joint nd/or claimed in a patent RATION FOR CLUSTER NODES"
	ASSIGNEE'S legal red Department, Micro Washington 98052 here in parentheses No. <u>14/109,841</u> by	ASSIGNOR hereby authors epresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRE s (filed on <u>December 17, 2013</u> the following Office <u>USP'</u> s Application No., filing o	and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application
		and was giv	
successors a entire and e (and all otl applications, ("APPLICATIC	and assigns ("ASSIG exclusive rights, title ener applications and in and for the Ui ON DERIVATIVES"));	NEE"), is entitled to, and e and interest in the INVE and patents derived ther nited States, its territorie	, on behalf of itself and its is desirous of acquiring, the NTION and the APPLICATION efrom, such as continuing es, and all foreign countries
	e Application No., fi N DERIVATIVES after	-	o the following table for any
Application		Filing Date	Office

MS Docket No.: 340217.01

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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).

May Ny		12/15	Z013	
Inventor's Signature		Date	, , , , , , , , , , , , , , , , , , , 	
Magnus Nystrom	3			
Printed Name in English		Printed Name in Native Language (if other than English)		