502114702 11/01/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ajay Gupta	10/23/2012
Sudeep Rastogi	10/23/2012
Shyam Sundar Jayasankar	10/30/2012
Diwakar Mantha	10/16/2012

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:	13666397

CORRESPONDENCE DATA

Fax Number: 4049545099

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: smedina@merchantgould.com

Correspondent Name: MERCHANT & GOULD (MICROSOFT)

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	14917.2233US01/337103.01
NAME OF SUBMITTER:	Alton Hornsby III

Total Attachments: 8

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PATENT REEL: 029230 FRAME: 0823 > \$40.00 13666397

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PATENT REEL: 029230 FRAME: 0824 I Ajay Gupta ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Utilizing X,509 Authentication for Single Sign-On Between Disparate Servers " ("APPLICATION"), which:

:	사람들에게 하는 사람들이 하는 사람들이 없다.	rosoft Corporation, On \$2 (ASSIGNEE'S LEGAL R	원생님 열리가 들시 생각하다 그 모양을 받아 하다.	
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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

			on	

MS Docket No. 14917.2233US01/337103.01

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).

Inventor's Signature:	
Printed Name in English	Printed Name in Native Language (if other than English)

1 Sudeep Rastogi ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Utilizing X.509 Authentication for Single Sign On Between Disparate Servers." ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR here	reby authorizes, and requ	iests,
	ASSIGNEE'S legal representatives,	of the Law and Corporate A	ffairs
	Department, Microsoft Corporatio	on, One Microsoft Way, Redn	nond,
*	Washington 98052 (ASSIGNEE'S LE	EGAL REPRESENTATIVES), to i	insert
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Sudeof Rostogi

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2322 Oct 2012

Inventor's Signature

Date

SUDEEP RASTOGI

सुटीप रहनेगी

Printed Name in English

Printed Name in Native Language (if other than English)

I <u>Shyam Sundar Jayasank</u>	<u>ar</u> ("ASSIGNOR") am the o	original inventor or an origina
joint inventor of subject matte	r ("INVENTION") disclose	d and/or claimed in a patent
application entitled "Utilizing	X.509 Authentication	<u>for Single Sign-On Betweer</u>
<u>Disparate Servers</u> " ("APPLICATIO	DN"), which:	
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Department, Micro	soft Corporation, One M	icrosoft Way, Redmond,
Washington 98052	(ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
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Inventor's Signature

Date

SHYAM SUNDAR JAJASANKAR

Printed Name in English

Pri

Printed Name in Native Language

(if other than English)

i <u>Diwakar Mantha</u> ("AS	SIGNOR") am the original	inventor or an original join
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Washington 980	52 (ASSIGNEE'S LEGAL REPR	RESENTATIVES), to insert
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Inventor's Signature
DIVIAKAR MANTHA

Printed Name in English

Printed Name in Native Language (if other than English)