

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ajay Gupta</td> <td>10/23/2012</td> </tr> <tr> <td>Sudeep Rastogi</td> <td>10/23/2012</td> </tr> <tr> <td>Shyam Sundar Jayasankar</td> <td>10/30/2012</td> </tr> <tr> <td>Diwakar Mantha</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ajay Gupta	10/23/2012	Sudeep Rastogi	10/23/2012	Shyam Sundar Jayasankar	10/30/2012	Diwakar Mantha	10/16/2012
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Diwakar Mantha	10/16/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4049545099 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-332-5300</p> <p>Email: smedina@merchantgould.com</p> <p>Correspondent Name: MERCHANT & GOULD (MICROSOFT)</p> <p>Address Line 1: P.O. BOX 2903</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903</p>											
ATTORNEY DOCKET NUMBER:	14917.2233US01/337103.01										
NAME OF SUBMITTER:	Alton Hornsby III										
<p>Total Attachments: 8 source=2233us01_assignment#page1.tif</p>											

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PATENT ASSIGNMENT

MS Docket No. 14917.2233US01/337193.01

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:

☒ 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 _____ and given Application No. _____ by the following Office _____) 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


PATENT ASSIGNMENT

MS Docket No. 14917.2233US01/337103.01

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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 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	10/23/2012 Date
Ajay Gupta Printed Name in English	 Printed Name in Native Language (if other than English)

I Sudeep Bastogi ("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:

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Sudeep Rastogi
Inventor's Signature

23rd Oct 2012
Date

SUDEEP RASTOGI
Printed Name in English

सुदीप रास्तोगी
Printed Name in Native Language
(if other than English)

I Shyam Sundar Jayasankar ("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:

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 _____ Inventor's Signature	<u>10/30/2012</u> _____ Date
<u>SHYAM SUNDAR JAYASANKAR</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Diwakar Mantha ("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:

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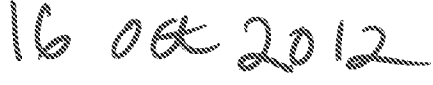
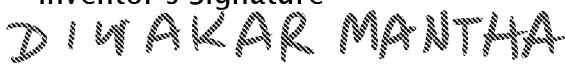
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