

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Bongshin Lee</td> <td>03/23/2010</td> </tr> <tr> <td>Srikanth Kandula</td> <td>03/23/2010</td> </tr> <tr> <td>Ratul mahajan</td> <td>03/23/2010</td> </tr> <tr> <td>Zhicheng Liu</td> <td>03/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Bongshin Lee	03/23/2010	Srikanth Kandula	03/23/2010	Ratul mahajan	03/23/2010	Zhicheng Liu	03/25/2010
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Srikanth Kandula	03/23/2010										
Ratul mahajan	03/23/2010										
Zhicheng Liu	03/25/2010										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12752317</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12752317						
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Application Number:	12752317										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	328389.01										
NAME OF SUBMITTER:	Amandeep Kaur										
Total Attachments: 4											

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**PATENT
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PATENT ASSIGNMENT

MS Docket No.: 328389.01


I/WE, Bongshin Lee, Srikanth Kandula, Ratul Mahajan and Zhicheng Liu ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Interactive Visualization to Enhance Automated Fault Diagnosis in Networks" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION'S Application No. and filing date, when known;
- was filed on 04/01/2010 and was given Application No. 12/752,317
- is filed concurrently herewith;

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"));


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, the 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).

 Bongshin Lee (Signature)	<u>3/23/2010</u> Date
<u>Bongshin Lee</u> Printed Name in English	<u>이 봉신</u> Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 328389.01

 Srikanth Kandula (Signature)	<u>3/23/2010</u> Date
Printed Name in English	<u>శ్రీకాంత్ కాంధూ</u> Printed Name in Native Language (if other than English)

 Ratul Mahajan (Signature)	<u>3/23/2010</u> Date
<u>RATUL MAHAJAN</u> Printed Name in English	<u>रतुल महजन</u> Printed Name in Native Language (if other than English)

_____ Zhicheng Liu (Signature)	_____ Date
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 328389.01

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_____	_____
Bongshin Lee (Signature)	Date
_____	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____	_____
Srikanth Kandula (Signature)	Date
_____	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____	_____
Ratul Mahajan (Signature)	Date
_____	_____
Printed Name in English	Printed Name in Native Language (if other than English)

	_____
Zhicheng Liu (Signature)	Date 03/25/10
_____	_____
ZHICHENG LIU	刘志成
Printed Name in English	Printed Name in Native Language (if other than English)