504181753 01/17/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4229386

		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
DAVID A. MALTZ			09/04/2012		
LIHUA YUAN			08/13/2012		
MING ZHANG			08/30/2012		
XIN WU			08/30/2012		
DANIEL JOSEPH TURI	NER		08/30/2012		
CHAO-CHIH CHEN			09/12/2012		
RECEIVING PARTY D	ΔΤΔ				
Name:		MICROSOFT CORPORATION			
Street Address:		ONE MICROSOFT WAY			
City:	REDM	REDMOND			
State/Country:	WASH	WASHINGTON			
Postal Code:	98052	98052			
	S Total: 1				
PROPERTY NUMBERS		Number			
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I/WE, David A. Maltz, Lihua Yuan, Ming Zhang, Xin Wu, Daniel Joseph Turner and Chao-Chih Chen ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Automated Datacenter Network Failure Mitigation" ("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 39254, to insert here in parenthesis (Application No. <u>13/617,097</u>, filed <u>September 14, 2012</u>) this APPLICATION's Application No. and filing date, when known;
- was filed on ______ and was given Application No. _____;
- ____ 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).

J22An-	9/4/2012
Gavid A. Maltz (Signature)	Date '
DailA Maltz	
Printed Name in English	Printed Name in Native Language (if
	other than English)

PATENT ASSIGNMENT

Lihua Yuan (Signature)

Yuan hua

Printed Name in English

Date

Printed Name in Native Language (if other than English)

Ming Zhang (Signature) Date Printed Name in English Printed Name in Native Language (if other than English) Xin Wu (Signature) Date Printed Name in English Printed Name in Native Language (if other than English) Daniel Joseph Turner (Signature) Date Printed Name in Native Language (if Printed Name in English other than English)

PATENT REEL: 040995 FRAME: 0141

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	other than English)
10-000	08/30/2012
Ming Zhang (Sphature)	Date
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Ming Zhang	3k 62
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XIN WU (Signature)	Date
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Daniel Joseph Turner (Signature)	Date
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	a service a service of the service of th

Page 2 of 3

PATENT REEL: 040995 FRAME: 0142

Lihua Yuan (Signature)	
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Xin Wu (Signature)	Date
Xin Wu	吴 鑫
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Daniel Joseph Turner (Signature)	
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.ihua Yuan (Signature)	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Ming Zhang (Signature)	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Xin Wu (Signature)	Date
	Printed Name in Native Language (if other than English)
	Printed Name in Native Language (if
Xin Wu (Signature) Printed Name in English Daniel Joseph Turner (Signature)	Printed Name in Native Language (if other than English)
Printed Name in English	Printed Name in Native Language (if other than English) S/30 /2017

09/12/2012 Chao-Chih Chen (Signature) Date w-chih Printed Name in English Printed Name in Native Language (if other than English)