01-26-2004				$-\omega_{\gamma}$
	'ER SHEET Y	Patent and	nent of Commerce Trademark Office	U.S. PT
TO: The Commissioner 102654246		original document(s) or copy(ies).	72
Submission Type	Conveyance Type	•		10/27
⊠ New				6
Resubmission (Non-Recordation)	License			0
Document ID #	☐ Merger			
Correction of PTO Error	Security Agree	ment		
Reel # Frame #	☐ Change of Nan	ne		
Corrective Document	Other:			
Reel # Frame #		4.1		
Conveying Party(ies)		Execution Date(
1. TAN, Kun		January 15, 2004		
2. LIAO, Hongbin	January 15, 2004			
3. GUO, Chuanxiong	January 15, 2004			
4. ZHANG, Qian		January 15, 2004		
5. ZHU, Wenwu		January 15, 2004		
6.				1
Mark if Additional Names of Conveying Parties Attache	ed			
Receiving Party			,	
Name Microsoft Corporation			~ O/	
Name		/-/	5-8Y 7585 10	
Address One Microsoft Way				
Address				
Address <u>Redmond</u> <u>Washingt</u>		<u>98052</u>		
City State/Cou		Zip Code //)	15851	^
Mark if Additional Names of Receiving Parties Attache	<u>a</u>	10	79001	
Correspondent Name and Address				
	j	Talanhana, (242)	646 E600	
John B. Conklin, Reg. No. 30,369		Telephone: (312) Facsimile: (312)		
	-) 3,			
Two Prudential Plaza, Suite 4900		Attorney Docket	NO. 223817	
Chicago, Illinois 60601-6780	1	- u.k. (u. altu altu au au au au	<u> </u>	2
Pages Enter the total number of pages of the attache	d conveyance docum	Mark if additional		3
Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (I	LOO NOT ENTER BOTH N			t u
Patent Application Numbers	T	Patent Numbers		
T determine the second				
If this document is being filed together with a new Patent A	onlication, enter the	date the patent	Month Day Ye	ear
application was signed by the first named executing invent		adio ino patom	1/15/2004	
Patent Cooperation Treaty (PCT)	<u> </u>		1	
Enter PCT application number <i>only if</i> a U.S. Application	PCT	PCT	PCT	
Number has not been assigned.	1101	101	101	
	1	i .		
Number has not been assigned.	PCT	DCT	PCT	
Trumber has not been assigned.	PCT	PCT	PCT	
				1
Number of Properties		PCT otal number of prop		1
	Enter the t	otal number of prop	perties involved:	
Number of Properties Fee Amount		otal number of prop	perties involved:	
Number of Properties Fee Amount Method of Payment:	Enter the t	otal number of prop	perties involved:	
Number of Properties Fee Amount Method of Payment: Enclosed is a check in the amount of	Enter the t	otal number of prop	perties involved:	
Number of Properties Fee Amount Method of Payment: Enclosed is a check in the amount of Charge Deposit Account No. 12-1216	Enter the t	otal number of prop	perties involved: CFR 3.41): \$40.0	
Number of Properties Fee Amount Method of Payment: ☐ Enclosed is a check in the amount of ☒ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposi	Enter the t	otal number of prop	perties involved: CFR 3.41): \$40.0	
Number of Properties Fee Amount Method of Payment: ☐ Enclosed is a check in the amount of ☒ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposition Statement and Signature	Enter the the fee Amount for Pro	otal number of properties Listed (37 C	perties involved: CFR 3.41): \$40.0	00
Number of Properties Fee Amount Method of Payment: □ Enclosed is a check in the amount of ⊠ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposi Statement and Signature To the best of my knowledge and belief, the foregoing	Enter the to Fee Amount for Protect Account No. 12-121 information is true ar	otal number of properties Listed (37 C) 6: Yes N nd correct and any a	perties involved: CFR 3.41): \$40.0	00
Number of Properties Fee Amount Method of Payment: ☐ Enclosed is a check in the amount of ☒ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposition Statement and Signature	Enter the to Fee Amount for Protect Account No. 12-121 information is true ar	otal number of properties Listed (37 C) 6: Yes N nd correct and any a	perties involved: CFR 3.41): \$40.0	00
Number of Properties Fee Amount Method of Payment:	Enter the to Fee Amount for Protect Account No. 12-121 information is true ar	otal number of properties Listed (37 C) 6: Yes N nd correct and any a zed, as indicated he	perties involved: CFR 3.41): \$40.0 o attached copy is erein.	00
Number of Properties Fee Amount Method of Payment: Enclosed is a check in the amount of Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposi Statement and Signature To the best of my knowledge and belief, the pregoing true copy of the original document. Charges to deposi John B. Conklin	Enter the to Fee Amount for Protect Account No. 12-121 information is true arit account are authorities.	otal number of properties Listed (37 C) 6: Yes N nd correct and any a zed, as indicated he	perties involved: CFR 3.41): \$40.0 o attached copy is erein.	00
Number of Properties Fee Amount Method of Payment:	Enter the to Fee Amount for Prost Account No. 12-121 information is true arit account are authorical formation.	otal number of properties Listed (37 C) 6: Yes N nd correct and any a zed, as indicated he	perties involved: CFR 3.41): \$40.0 o attached copy is erein.	00
Number of Properties Fee Amount Method of Payment: □ Enclosed is a check in the amount of ⊠ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposi Statement and Signature To the best of my knowledge and belief, the foregoing true copy of the original document. Charges to deposi John B. Conklin Name of Person Signing Signature	Enter the to Fee Amount for Protect Account No. 12-121 information is true arit account are authorities.	otal number of properties Listed (37 C) 6: Yes N nd correct and any a zed, as indicated he	perties involved: CFR 3.41): \$40.0 o attached copy is erein.	00
Number of Properties Fee Amount Method of Payment: Enclosed is a check in the amount of Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposi Statement and Signature To the best of my knowledge and belief, the pregoing true copy of the original document. Charges to deposi John B. Conklin	Enter the to Fee Amount for Protect Account No. 12-121 information is true arit account are authorities.	otal number of properties Listed (37 C) 6: Yes N nd correct and any a zed, as indicated he	perties involved: CFR 3.41): \$40.0 o attached copy is erein.	00

95783/**20**0 01 +81808

PATENT REEL: 014904 FRAME: 0482

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship	TAN et al.
Applicant	t Corporation
Attorney Docket No.	223817
MS Docket No.	
Title: SPURIOUS TIMEOUT DETECTION FOR TCP BASED NETWORKS	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Kun Tan Apt 6-401, Building 325 Zhong Guan Cun. Haidan District Beijing 100080 P.R. China

Hongbin Liao 1405, Middle Building 4, Haidian South Road, Haidian District Beijing 100080 P.R. China

Chuanxiong Guo Room 1-304, No. 1-58, RuiJin Road, BaiXia District Nanjing 210002 P.R. China

Qian Zhang ShiJi Cheng 1-1-1-11D, Haidan District Beijing 100089 P.R. China

Wenwu Zhu 11 Queenberry Way Basking Ridge, New Jersey 07920

Assignee:

Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

> PATENT REEL: 014904 FRAME: 0483

Attorney Docket No. 223817 MS Docket No. 305875.01 Serial No. (if known)

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SPURIOUS TIMEOUT DETECTION FOR TCP BASED NETWORKS," as described and claimed in the specification forming part of an application for United States letters patent referenced above:

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

Page 2 of 3

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Jan 15, 2004

Date

Kun Tan

Date

RECORDED: 01/15/2004

Wenwu Zhu