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John B. Conklin			Telephone: (312) 616-5600 Facsimile: (312) 616-5700		
Leydig, Voit & M	ayer, Ltd. Plaza, Suite 4900			Attorney Docket	
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	leffery Makeeyer				Telephone: (815)	063-7661	
	Jeffery J. Makeever				Telephone: (815) 963-7661 Facsimile: (815) 963-7664		
	Leydig, Voit & Mayer, Ltd.				Attorney Docket No. 214463		
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PATENT REEL: 012918 FRAME: 0313

Inventorship	ZHANG et al.
Applicant	
Attorney's Docket No	
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PEER-TO-PEER BASED NETWORK PERFORMANCE MEASUREMENT AND ANALYSIS SYSTEM AND METHOD FOR LARGE SCALE NETWORKS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Qian Zhang The Coal Office of Hubei Province, FujiaPo Road, Wuhan, Hubei 430070 China

Wenwu Zhu 11 Queenberry Way Basking Ridge, New Jersey 07920

Jiangchuan Liu Tower B, 512D, The Hong Kong University of Science and Technology Kowloon, Hong Kong

XinYan Zhang Feng Huang Nan Lu 17, Liu He, Nanjing, Jiangsu, China

<u>Assignee:</u>

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "PEER-TO-PEER BASED NETWORK MEASUREMENT AND ANALYSIS SYSTEM AND METHOD FOR LARGE SCALE NETWORKS," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Page 1 of 3

PATENT REEL: 012918 FRAME: 0314 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 therefor 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 patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Page 2 of 3

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Jan. 28, 2002	Dian Thong
Date	Qian Zhang
Jun. 28, 2002 Date	Colla
Date	Wenwu Zhu
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Date	Jianchuan Liu
28/1/2002	Zhang Xiryan
Date	Xin Yan Zhang

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