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Conveying Party(ies)

- 1. Qian Zhang, 2. Wenwu Zhu, 3. JIANCHUAN LIU, 4. XinYan Zhang

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Execution Date(s)

- 1/28/02, 1/28/02, 1/28/02, 1/28/02

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Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name: Microsoft Corporation, Address: One Microsoft Way, Redmond, WA 98052

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

Jeffery J. Makeever, Leydig, Voit & Mayer, Ltd., 6815 Weaver Road, Suite 300, Rockford, Illinois 61114-8018

Telephone: (815) 963-7661, Facsimile: (815) 963-7664, Attorney Docket No. 214463

Pages Enter the total number of pages of the attached conveyance document including any attachments: 3

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Patent Cooperation Treaty (PCT)

Table for PCT application numbers

Number of Properties Enter the total number of properties involved: 1

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Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Jeffery J. Makeever, Reg. 37390 Name of Person Signing, Signature, February 1, 2002 Date

02/07/2002 04 FC:581

Inventorship ..... ZHANG et al.  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... 214463  
Title: PEER-TO-PEER BASED NETWORK PERFORMANCE MEASUREMENT AND  
ANALYSIS SYSTEM AND METHOD FOR LARGE SCALE NETWORKS

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

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Jiangsu, China

Assignee:

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;

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.

Jan. 28, 2002  
Date

Qian Zhang  
Qian Zhang

Jan. 28, 2002  
Date

Wenwu Zhu  
Wenwu Zhu

28/1/2002  
Date

Jianchuan Liu  
Jianchuan Liu

28/1/2002  
Date

XinYan Zhang  
XinYan Zhang