

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
M&G- 50037,333US01

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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## 1. Name of conveying party(ies):

- 1.) Yunxin Liu
- 2.) Zheng Ni
- 3.) Jian Wang
- 4.) Qian Zhang
- 5.) Wenwu Zhu

## 2. Name and address of receiving party(ies):

Microsoft Corporation  
One Microsoft Way  
Redmond, Washington 98052

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 1.) 12/31/04; 2.) 01/06/05; 3.) 1/4/05; 4.) 1/4/05;  
5.) 1/20/05

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

10/955,578

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy P. Sullivan  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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## 9. 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.

Timothy P. Sullivan

Name of Person Signing

Signature

January 24, 2005

Date

Total number of pages including cover sheet, attachments, and document: 7

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PATENT TRADEMARK OFFICE

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PATENT  
REEL: 015619 FRAME: 0242

OP \$40.00 10966678

MS Docket No. 308492.2  
 QC Docket No. 50037.333US01

### PATENT ASSIGNMENT

WE Yunxin Liu, Zheng Ni, Jian Wang, Qian Zhang, and Wenwu Zhu ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHOD AND SYSTEM FOR NETWORK EMULATION USING PACKET REORDER EMULATION TECHNIQUES" ("APPLICATION"), which:

☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould P.C., 701 Fifth Avenue, Suite 4700, Seattle, Washington, 98104, who are associated with customer number 27488, to insert here in parenthesis this APPLICATION's U.S. Serial Number and filing date, when known (U.S. Serial No. \_\_\_\_\_ filed \_\_\_\_\_);

☒ was filed on September 30, 2004 and was given U.S. Serial No.

10/955,578;

☐ 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 ASSIGNORS, the ASSIGNORS 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);

ASSIGNORS 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).

2004.12.31  
 DATE

Yunxin Liu  
 Yunxin Liu

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 Zheng Ni

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 Jian Wang

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 Qian Zhang

MS Docket No. 308492.2  
OC Docket No. 50037333US01

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\_\_\_\_\_  
DATE

\_\_\_\_\_  
Yunxin Liu

*Jan. 6, 2005*  
\_\_\_\_\_  
DATE

*Zheng Ni*  
\_\_\_\_\_  
Zheng Ni

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Jian Wang

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Qian Zhang

TOTAL P.01

MS Docket No. 308492.2  
OC Docket No. 50037.333US01

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\_\_\_\_\_  
DATE

\_\_\_\_\_  
Yunxin Liu

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Zheng Ni

2005.1.4  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
Jian Wang

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Qian Zhang

MS Docket No. 308492.2  
OC Docket No. 50037.333US01**PATENT ASSIGNMENT**

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Yunxin Liu\_\_\_\_\_  
DATE\_\_\_\_\_  
Zheng Ni\_\_\_\_\_  
DATE\_\_\_\_\_  
Jian Wang\_\_\_\_\_  
DATE\_\_\_\_\_  
Qian Zhang

TOTAL P.01

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DATE

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Yunxin Liu

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DATE

\_\_\_\_\_  
Zheng Ni

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DATE

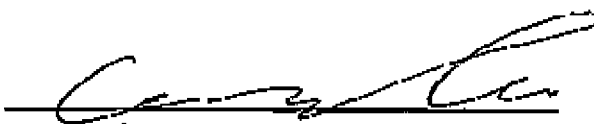
\_\_\_\_\_  
Jian Wang

\_\_\_\_\_  
DATE

\_\_\_\_\_  
Qian Zhang

MS Docket No. 308402.2  
(OC Docket No. 50037.333US01)

Jan 20, 2005  
DATE

  
Wenwu Zhu

# Merchant & Gould

An Intellectual Property Law Firm

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80 South Eighth Street  
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55402-2215 USA  
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A Professional Corporation

**Fax Transmission** | January 24, 2005

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P.O. Box 1450  
Alexandria, VA 22313-1450

FROM: Timothy P. Sullivan

OUR REF: 50037.333US01

Total pages, including cover letter: 10

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Applicant: Yunxin Liu et al.  
Serial No.: 10/955,578  
Filed: September 30, 2004  
Group Art Unit: Not yet assigned  
Our Ref. No.: 50037.333US01  
Confirmation No. 6053

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: J-S  
Name: Timothy P. Sullivan  
Reg. No.: 47,981

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Tracy Gutscher

Signature

Date