

07-13-2004

**PATENT RECORD**  
**COVER SHEET**

 Attorney Docket No.  
**M61.12-0648**

 To the Honorable Director of  
 attached original document or copy thereof. **102789382**

Trademark Office: Please record the

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

- (1) Bo Zhang  
 (2) Baining Guo  
 (3) Heung-Yeung Shum

6-30-04

 Additional name(s) of conveying party(ies)  
 attached? [ ] Yes [X] No

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

Name: Microsoft Corporation

Internal Address: \_\_\_\_\_

Street Address: One Microsoft WayCity Redmond State WA ZIP 98052
 Additional name(s) & address(es) attached?  
 [ ] Yes [X] No

 22141 U.S. PTO  
 10/882926

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## 3. Nature of Conveyance:

- [X] Assignment [ ] Merger  
 [ ] Security Agreement  
 [ ] Change of Name [ ] Other \_\_\_\_\_

Execution Date: 6/22/04; 6/23/04; 6/23/04

## 4A. Application No. (s)

10822926

 If this document is being filed together with a  
 new application, the execution date(s) of the  
 application is: 6/22/04; 6/23/04; 6/23/04

Additional numbers attached? [ ] Yes [X] No

## 4B. Patent No. (s)

 Additional numbers attached?  
 [ ] Yes [X] No

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

Name: Theodore M. Magee  
 Street Address: Westman, Champlin & Kelly, P.A.  
Suite 1600  
International Centre  
900 Second Avenue South  
 City: Minneapolis State: MN ZIP 55402

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

7. Total fee (37 CFR 3.41): .....\$ 40.00

## 8. Method of Payment

- [X] Enclosed  
 [X] The Director is authorized to  
 charge payment of any additional  
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 No. 23-1123.

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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.

Theodore M. Magee  
 Name of Person Signing

Signature

6-30-04

Date

Total number of pages submitted: [6]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date..... Herewith  
Inventorship..... Bo Zhang et al.  
Applicant..... Microsoft Corporation  
Attorney's Docket No. .... M61.12-0648  
MS Docket No.:..... 300787.01  
Title: DYNAMIC PLAYER GROUPS FOR INTEREST MANAGEMENT IN MULTI-  
CHARACTER VIRTUAL ENVIRONMENTS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Hou Sha Yu, Shunyi District  
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3515 167th Place NE  
Bellevue, WA 98008

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  
"DYNAMIC PLAYER GROUPS FOR INTEREST MANAGEMENT IN MULTI-CHARACTER  
VIRTUAL ENVIRONMENTS," for which:

☐ a provisional application for United States Letters Patent was filed on and was given  
U.S. Serial No. and/or

☒ a non-provisional application for United States Letters Patent was executed on the same respective date(s) herewith and filed concurrently herewith.

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;

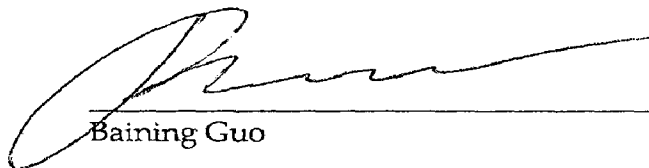
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted 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 patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

June 22, 2014  
Date

Bo Zhang  
Bo Zhang

06/23/2004

Date

  
Baining Guo

06/25/2004

Date



Heung-Yeung Shum