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<p>1. Name of Conveying Party(ies):</p> <p>Cha Zhang Jin Li</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment    <input type="checkbox"/> Security Agreement</p> <p><input type="checkbox"/> Merger    <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: 6/19/2001; 6/20/2001</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Microsoft Corporation</p> <p>Internal Address:</p> <p>Street Address: One Microsoft Way</p> <p>City: Redmond State: WA Zip: 98052</p> <p>Additional names(s) &amp; addresses attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <div style="border: 2px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</p> <p style="text-align: center;">JUL - 3 2001</p> </div>
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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:

<p>A. Patent Application No.(s):</p> <p>09/812,713</p> <p>Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No.(s)</p> <p>Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Thomas A. Jolly</p> <p>Internal Address: Lee &amp; Hayes, PLLC</p> <p>Street Address: 421 W. Riverside Ave Suite 500</p> <p>City: Spokane State: WA Zip: 99201</p>	<p>6. Total number of applications and patents involved ..... <u>1</u></p> <hr/> <p>7. Total fee (37 CFR 3.41)..... <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <hr/> <p>8. Deposit account number:</p>
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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.*

<p><u>Thomas A. Jolly</u></p> <p><b>Name of Person Signing #39,241</b></p>	<p><b>Signature</b></p>	<p><u>6/28/01</u></p> <p><b>Date</b></p>
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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Serial Number..... 09/812,713  
3 Filing Date ..... 3/19/2001  
4 Inventorship ..... Zhang et al.  
Applicant..... Microsoft Corporation  
Attorney's Docket No. .... MS1-534US  
5 Title: Methods And Arrangements For Handling Concentric Mosaic Image Data

6 **PATENT ASSIGNMENT**

7 **PARTIES TO THE ASSIGNMENT**

8 Assignor(s):

9 Cha Zhang  
5000 Forbes Ave.  
10 Porter Hall B10,  
Carnegie Mellon University  
11 Pittsburgh, PA 15213

12  
13 Qin Li  
20924 NE 17<sup>th</sup> St.  
14 Sammamish, WA 98074

15 Assignee:

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

18 **AGREEMENT**

19 WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention  
20 entitled "Methods And Arrangements For Handling Concentric Mosaic Image  
21 Data," as described and claimed in the specification forming part of an application  
22 for United States letters patent referenced above;

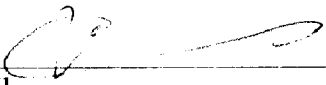
23 WHEREAS, Microsoft Corporation (hereinafter referred to as  
24 ASSIGNEE), a corporation of the State of Washington having a place of business  
25

1 at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire  
2 right, title and interest in and to the invention and in and to any letters patent that  
3 may be granted therefor in the United States and in any and all foreign countries:

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

\* \* \* \* \*

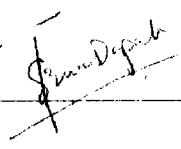
1 Jun. 20, 2001



2 Date

Cha Zhang

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4 Signature of  
5 Witness



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8 Date

Jin Li

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10 Signature of  
11 Witness

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Applicant ..... Microsoft Corporation  
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7 invention, said application and any and all letters patent which may be granted for  
8 said invention in the United States of America and its territorial possessions and in  
9 any and all foreign countries, and in any and all divisions, reissues and  
10 continuations thereof, including the right to file foreign applications directly in the  
11 name of ASSIGNEE and to claim priority rights deriving from said United States  
12 application to which said foreign applications are entitled by virtue of international  
13 convention, treaty or otherwise, said invention, application and all letters patent on  
14 said invention to be held and enjoyed by ASSIGNEE and its successors and  
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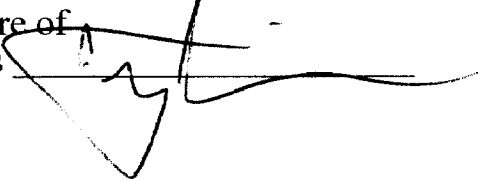
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Date \_\_\_\_\_ Cha Zhang \_\_\_\_\_

Signature of  
Witness \_\_\_\_\_

\* \* \* \* \*

Jun. 19, 2001 \_\_\_\_\_  
Date \_\_\_\_\_ Jin Li \_\_\_\_\_

Signature of  
Witness \_\_\_\_\_  


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