

11-05-2002

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

PTO 10/283562 10/30/02

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Wang, Lifeng Kang, Sing Bing Szeliski, Richard Shum, Heung-Yeung Guo, Baining Additional name(s) of conveying party(ies) attached? Yes No

10/30/02

2. Name and address of receiving party(ies) Name: Microsoft Corporation Internal Address: Patenting Group Docketing Department

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Street Address: One Microsoft Way

Execution Date: 10-15-2002 and 10-24-2002,

City: Redmond State: WA Zip: 98052 Additional name(s) & address(es) attached? Yes No

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: 10-24-2002 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No

10/283562

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lyon & Harr, LLP Internal Address: Attn: Richard Lyon Street Address: 300 Esplanade Drive, Suite 800 City: Oxnard State: CA Zip: 93036

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account

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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. Richard T. Lyon, Reg. No. 37,385 Name of Person Signing Signature Date 10-30-2002

Signature

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 013441 FRAME: 0841

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date Executed Concurrently Herewith
Inventorship Wang et al.
Applicant Microsoft Corporation
Attorney's Docket No. MCS-050-02
MS Docket No. 301281.1
Title: A SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION
FROM MULTIPLE VIEWS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Lifeng Wang
5F, Beijing Sigma Building
49 Zhichun Road
Haidian District
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Sing Bing Kang
18217 NE 100th Ct
Redmond, WA 98052

Richard Szeliski
2602 131st Place NE
Redmond, WA 98052

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29, Beijing Riviera
1 Xiangjiang Belu, ChaoYang District
Beijing, 100015 P. R.China

Baining Guo
3F, Beijing Sigma Building
49 Zhichun Road
Haidian District
Beijing, 100080 P. R. 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 "Title," 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 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.

Date

Lifeng Wang

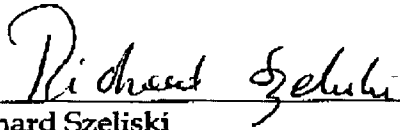
10/15/02

¹


Date

Sing Bing Kang

10/15/02



Date

Richard Szeliski

Date

Heung-Yeung Shum

Date

Baining Guo

Attorney Docket No. MCS-050-02
MS Docket No. 301281.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date..... Executed Concurrently Herewith
Inventorship..... Wang et al.
Applicant..... Microsoft Corporation
Attorney's Docket No. MCS-050-02
MS Docket No.301281.1
Title: A SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION
FROM MULTIPLE VIEWS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Lifeng Wang
5F, Beijing Sigma Building
49 Zhichun Road
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One Microsoft Way
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Attorney Docket No. MCS-050-02
MS Docket No. 301281 1

AGREEMENT

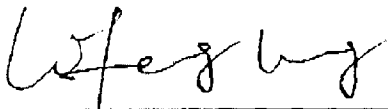
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WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and 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.

Attorney Docket No. MCS-050-02
MS Docket No. 301281.1

10/24/2002
Date


Lifeng Wang


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Sing Bing Kang

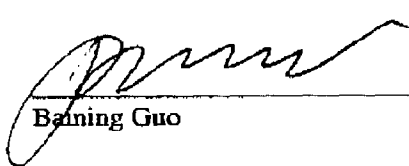
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