

S-30-w

Docket No.: MCS-010-00

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
Copyright 1996-97 LegalStar  
P08A/REV02

REC

06-21-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of Patents a

101385823

...ed original documents or copy thereof.

1. Name of conveying party(ies):

Zhengyou Zhang and Ying Shan

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

Name: Microsoft Corporation

Address: One Microsoft Way



Additional names(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

City: Redmond State/Prov.: WA  
Country: USA ZIP: 98052

Execution Date: May 24, 2000

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: May 24, 2000

Patent Application No. Filing date B. Patent No.(s)

09583062

Additional numbers attached?  Yes  No

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

Name: Edmond A. DeFrank

Registration No. 37,814

Address: LYON HARR & DEFRANK

300 East Esplanade Drive

Suite 800

City: Oxnard State/Prov.: CA

Country: USA ZIP: 93030

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-0463

06/19/2000 ASCDTT 00000201 500463 09583062

DO NOT USE THIS SPACE

01 FC:581 40.00 CH  
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.

Edmond A. DeFrank

May 30, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document **4**

REEL: 010858 FRAME: 0701

**ASSIGNMENT**

WHEREAS, we, Zhengyou Zhang and Ying Shan (hereinafter referred to as ASSIGNORS), having post office addresses 10090 177th Ave NE, Redmond, WA 98052; and 15217 NE 13th Place #3106, Bellevue, WA 98007, respectively, are the inventors of an invention entitled "A SYSTEM AND METHOD FOR PERFORMING CORNER GUIDED CURVE MATCHING OF MULTIPLE IMAGES REPRESENTING A SCENE," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

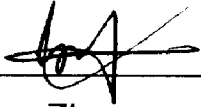
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted 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, ASSIGNORS hereby sell, assign and transfer unto said 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 ASSIGNORS had this

assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS 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.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

1) ASSIGNOR

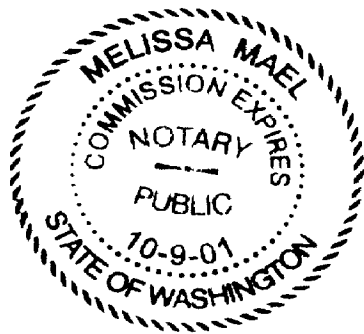


\_\_\_\_\_  
Zhengyou Zhang

Dated: 5/24/00

State of Washington  
County of King

On this 24th day of May, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Zhengyou Zhang, known to me to be the person of that name, who signed the foregoing instrument, and who acknowledged that he signed it as a free act on his behalf, on the day and year aforesaid.



Melissa Mael  
Notary Public

2) ASSIGNOR

Shan Ying

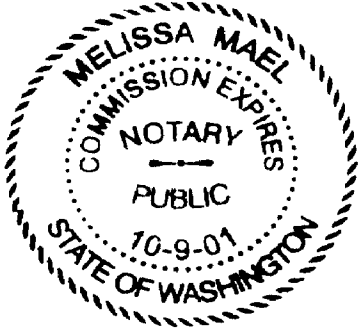
Dated: 5/24/00

Ying Shan

State of Washington

County of King

On this 24 day of May, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared Ying Shan, known to me to be the person of that name, who signed the foregoing instrument, and who acknowledged that he signed it as a free act on his behalf, on the day and year aforesaid.



Melissa Mael  
Notary Public