

09-18-1998

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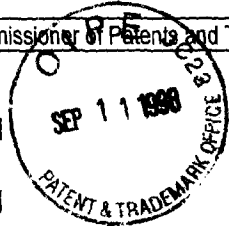


100833537

Atty. Docket No.: MS-33/3(115202.1)

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

MED 9/11/98



1. Name of conveying party(ies):

Heung-Yeung SHUM
Mei HAN
Richard S. SZELISKI

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

Name: Microsoft Corporation

Address:

Street Address: One Microsoft Way

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

City: Redmond State: WA ZIP: 98052

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

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

Execution Date: August 10, 1998 and August 20, 1998

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) 09/099,097

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Peter L. Michaelson, Esq.
MICHAELSON & WALLACE
Customer No. 007265
Internal Address: PO Box 8489
Street Address: Parkway 109 Office Center
328 Newman Springs Rd.

City: Red Bank State: NJ ZIP: 07701

6. Total number of applications and patents involved: 1

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

Included with Filing Fees

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8. Deposit account number:

50-0463

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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

Peter L. Michaelson

September 8, 1998

09/16/1998 NAME: 09099097 09099097

Signature

Date

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Total number of pages comprising cover sheet plus assignment: 4

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PATENT
REEL: 9452 FRAME: 0954

ASSIGNMENT

WHEREAS, we, Heung-Yeung SHUM, Mei HAN and Richard S. SZELISKI (hereinafter referred to as ASSIGNORS), having post office address of 3515 167th Place N.E., Bellevue, WA 98005;
5530 Fifth Ave. #10B. Pittsburgh. PA 15232 and 2602 131st Place SE Bellevue, WA 98005, respectively, are the joint inventors of an invention entitled:

**INTERACTIVE CONSTRUCTION AND REFINEMENT OF 3D MODELS
FROM PANORAMIC IMAGES**

as described and claimed in the specification forming part of an application for United States letters patent filed June 18, 1998 and assigned Serial No. 09/099,097;

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 goods 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,

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
20 day of August, 1998.

Mei Han

Mei HAN, ASSIGNOR

Commonwealth

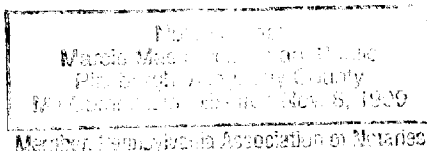
State of Pennsylvania :

County of Allegheny : ss

On this 20th day of August,
1998, before me, a Notary Public in and for the State and County
aforesaid, personally appeared Mei HAN, known to me to be the
person of that name, who signed and sealed the foregoing
instrument, and acknowledged the same to be his/her free act and
deed.

Marie Mastracci

Notary Public



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
10 day of August, 1998.

Richard S. Szelski

Richard S. SZELISKI, ASSIGNOR

State of Washington :

County of King : ss

On this 10th day of August,
1998, before me, a Notary Public in and for the State and County
aforesaid, personally appeared Richard S. SZELISKI, known to me
to be the person of that name, who signed and sealed the
foregoing instrument, and acknowledged the same to be his/her
free act and deed.

Linda Y. Johnson
Notary Public

