

11.19.01

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10971 U.S. PTO  
09/996323  
11/19/01

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☒ Assignment ☐ Security Agreement  
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**U.S. Government**  
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☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
11 08 2001

Name (line 1) Heung-Yeung Shum

Name (line 2)

**Second Party**

Name (line 1) Ying-Qing Xu

09/996323

Execution Date  
Month Day Year  
11 08 2001

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Microsoft Corporation

Name (line 2)

Address (line 1) One Microsoft Way

Address (line 2)

Address (line 3) Redmond

Washington

98052

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Enter for the first Receiving Party only.

Name

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REEL: 012340 FRAME: 0263

**Correspondent Name and Address**

Area Code and Telephone Number

(805) 278-8855

Name Richard T. Lyon

Address (line 1) LYON & HARR

Address (line 2) 300 Esplanade Drive, Suite 800

Address (line 3) Oxnard, CA 93030

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 3

**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

**Patent Number(s)**

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If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year  
11 08 2001

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

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Deposit Account ☐

Deposit Account

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No ☐

**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. Charges to deposit account are authorized, as indicated herein.

Richard T. Lyon

Name of Person Signing

 Signature

11-19-01  
Date

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09/996323

11/19/01

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Name (line 1) Hong Chen

Execution Date  
Month Day Year  
11/08/2006

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party

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Name (line 1)

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Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

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Patent Application Number(s)

Patent Number(s)

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

Inventorship.....Shum et al.  
Applicant.....Microsoft Corporation  
Attorney's Docket No. ....MCS-031-01  
Title: **AUTOMATIC SKETCH GENERATION**

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

Heung-Yeung Shum  
29, Beijing Riviera  
1 Xiangjiang Belu, ChaoYang District  
Beijing, P. R. China 100015

Ying-Qing Xu  
No. 406, Building 31  
Beijing University of Science and Technology  
Haidian District  
Beijing, P. R. China 100083

Hong Chen  
3/F, Beijing Sigma Center  
49 Zhichun Road  
Haidian District  
Beijing, P. R. China 100080

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 "Automatic Sketch Generation," 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 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, 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 therefor.

Nov. 8, 2001

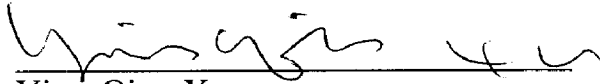
Date



Heung-Yeung Shum

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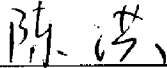
Date



Ying-Qing Xu

2001. 11. 8

Date



Hong Chen