

Form PTO -1595 (Modified)
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OMB 0651-0011 (exp. 4/94)

05-24-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT



SHEET

05/08/00

101366837

TO: The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):
Ying-Qing Xu
Heung-Yeung Shum
Chi-Yi Cheng

2. Nature of Conveyance:
 Assignment Security Agreement
 License Change of Name
 Merger Other

Execution Date: 4/12/2000

3. Name and address of receiving party(ies):
Name: Microsoft Corp.
Address: One Microsoft Way
City: Redmond State: WA
Country: USA ZIP: 98052

4. Application number(s) or registration number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
Patent Application No. Patent No.(s)
09/483,139

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Michael Dryja
Registration No.: 39,662
Address: Law Offices of Michael Dryja
704 228th Ave NE PMB 694
City: Redmond State: WA
Country: USA ZIP: 98053
Telephone: 425-427-5094

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
500463

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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.

5-3-00

Michael Dryja
Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, we, Ying-Qing Xu, Heung-Yeung Shum, and Chi-Yi Cheng (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled Cloth Animation Modeling as described and claimed in the specification forming part of an application for United States letters patent filed on 1/13/2000, and assigned Serial No. 09/483,139;

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, we have hereunto signed our names on the day and year set forth below.

Ying-Qing Xu
Inventor's Signature

Feb. 31 2000
DATE

Ying-Qing Xu
Inventor's Printed Name

VIRGINIA COGGAN
WITNESS NAME

Virginia Coggan
WITNESS SIGNATURE

Heung-Yeung Shum

2-2-2000

Inventor's Signature

DATE

Heung-Yeung Shum
Inventor's Printed Name

VIRGINIA COGGAN
WITNESS NAME

Virginia Cogan
WITNESS SIGNATURE

Inventor's Signature

DATE

Chi-Yi Chen
Inventor's Printed Name

WITNESS NAME

WITNESS SIGNATURE

Heung-Yeung Shum

2-2-2000

Inventor's Signature

DATE

Heung-Yeung Shum
Inventor's Printed Name

VIRGINIA COGGAN

WITNESS NAME

Virginia Cogan
WITNESS SIGNATURE

Chiyi Cheng

Inventor's Signature

DATE

4-12-2000

Chi-Yi Cheng
Inventor's Printed Name

Zheng Can (ZHENG Can)

WITNESS NAME

Zheng Can
WITNESS SIGNATURE