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

1. Name of conveying party(ies):
**Craig Alan Hobbs, Scott Morgan LeGendre, and
Richard David Fuhr**

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

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

Address: **One Microsoft Way**

3. Nature of conveyance: **MRID**
 Assignment Merger
 Security Agreement Change of Name
 Other _____
11.30.01

City **Redmond** State **Washington** ZIP **98052**

Execution Date: November 26, 2001

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

4(a). Patent Application No.(s): **09998102**

4(b). Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is: November 26, 2001

Additional numbers attached? Yes No

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

6. Total number of applications and patents involved: **1**

Name: **Robert T. Neufeld, Esq.**

Address: **KING & SPALDING
45th Floor, 191 Peachtree Street, N.E.
Atlanta, Georgia 30303**

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

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8. 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.

I certify that this correspondence is being deposited with the United States Postal Service as Express Mail #, EL 876208461US addressed to: U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-0327, on the date given below.

Robert T. Neufeld
Name of Person Signing

Robert T. Neufeld
Signature

11/30/01
Date

Attorney Docket No: **06576.105037 (MS #172011.1)**

Total number of pages including cover sheet: **5**

Mail documents to be recorded with required cover sheet information to:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Craig Alan Hobbs
..... Scott Morgan Le Gendre
..... Richard David Fuhr
Applicant..... Microsoft Corporation
Attorney's Docket No.06576.105037 (MS No. 172011.1)
Title: System and Method for Placing Splines Using Refinement and Obstacle Avoidance Techniques

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Craig Alan Hobbs
1036 Hawley Way N.E.
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Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNORS (listed above) are the inventors of an invention entitled "System and Method for Placing Splines Using Refinement and Obstacle Avoidance Techniques," 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, ASSIGNORS hereby sell, assign and transfer unto ASSIGNEE, the entire right,

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS 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 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.

11/26/2001

Date



CRAIG ALAN HOBBS

11-26-01
Date


SCOTT MORGAN LE GENDRE

November 26, 2001

Date

Richard David Fuhr
RICHARD DAVID FUHR