

07-05-2002



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J1033 U.S. PTO  
10/177606  
06/24/02

Form PTO-1592 (modified)

To the Honorable Commissioner of Patents and Trademarks

Original documents or copies thereof:

1. Name of Conveying Party or Parties:

Manoj K. BISWAS  
Bodin DRESEVIC  
Michael KALLAY

6-24-02

Additional Names of conveying party or parties attached?  
 Yes  No

2. Name and address of receiving party or parties:

Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Additional Name(s) and address(es) attached?  Yes  No

Execution Date: June 19-2002, June 20-2002 and June 19-2002,  
respectively

4. Application Number(s) or Patent Number(s):

10,177,606

If this document is being filed together with a new application, the execution date of the application is: June 19-2002, June 20-2002 & June 19-2002, respectively

A. Patent Application Number(s):

B. Patent Number(s):

Additional Name(s) and address(es) attached?  Yes  No

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

Gary D. Fedorochko  
Banner & Witcoff, Ltd.  
1001 G Street, N.W.  
Washington, D.C. 20001

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\*  
 Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment

8. Deposit Account No.:  
19-0733 (in the event additional fees are required)

(Duplicate copy of this page attached if paying by deposit account)

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07/03/2002 6TON11 00000110 190733 10177606  
01 FC:501 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.

Richard C. Irving, Reg.No. 38,499  
Name of Person Signing

*Richard C. Irving*  
Signature

June 24, 2002  
Date

Total Number of Pages comprising Cover Sheet: 7



Serial Number ..... not yet assigned  
 Filing Date ..... to be filed herewith  
 Inventorship ..... BISWAS et al.  
 Applicant ..... Microsoft Corporation (196391.1)  
 Attorney's Docket No. .... 03797.00266

Title: METHOD AND APPARATUS FOR SCALE INDEPENDENT CUSP DETECTION

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignor(s):**

Manoj K. BISWAS  
 1840 NE 154<sup>th</sup> Avenue  
 Apt. C-225  
 Bellevue, WA 98007

Bodin DRESEVIC  
 1039 145th Place, SE  
 Bellevue, WA 98007

Michael KALLAY  
 9815 Vineyard Crest  
 Bellevue, WA 98004

**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 "Method and Apparatus for Scale Independent Cusp Detection," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Microsoft 003797.00266

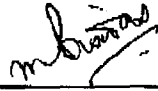
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that 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.

Microsoft 003797.00266

06/19/2002

Date



Manoj K. BISWAS

6/20/2002

Date



Bodin DRESEVIC

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael KALLAY



Serial Number ..... not yet assigned  
 Filing Date .....to be filed herewith  
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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.

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