To the Honorable Commissioner for Patents:   Please record the attached original document or copy thereof.		U.S. DEPARTMENT OF COMMER PATENT AND TRADEMARK OFFI
Name of conveying party(ies):   David D. Bohn   Thomas C. Oliver   Rajeev Badyal	To the Honorable Commissioner for Patents:	22018418
David D. Bohn Thomas C. Oliver Rajeev Badyal  Additional name(s) of conveying party(is) attached?   YES   MO  3. Nature of conveyance:   Street Address:   Street Address:   One Microsoft Corporation	Please record the attached original document or copy ther	eof.
Street Address:  Assignment	David D. Bohn Thomas C. Oliver	Name:  Microsoft Corporation
Security Agreement   Change of Name   State: WA Zip Code: 98052	Additional name(s) of conveying party(ies) attached?	
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: November 25, 2003  A. Patent Application No.(s): (include series code or filing date)  Additional application or patent numbers attached? □YES ☑NO  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Banner & Witcoff, Ltd Address: 1001 G Street, N.W., 1:th filoor City: Washington State: D.C. Zip: 20001-4597  DO NOT USE THIS SPACE  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.  Robert S. Katz, Reg. No. 36,402 Name of Person Signing Atty. Docket No: □3797.00770  Total number of pages including cover sheet, attachments and document: 4	□ Assignment    □ Merger     □ Security Agreement    □ Change of Name     □ Other	One Microsoft Way  City: Redmond  State: WA Zip Code: 98052
A. Patent Application No.(s): (include series code or filing date)  Additional application or patent numbers attached?   Additional application or patent numbers attached?   Name and address of party to whom correspondence concerning document should be mailed:  Name: Banner & Witcoff, Ltd  Adultions: 1001 G Street, N.W., 11th Floor City: Washington State: D.C. Zip: 20001-4597  B. Patent No.(s):  6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Banner & Witcoff, Ltd Address: 1001 G Street, N.W., 12th Floor City: Washington State: D.C. Zip: 20001-4597  DO NOT USE THIS SPACE  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.  Robert S. Katz, Reg. No. 36,402 Name of Person Signing Atty. Docket No.: 03797.00770  6. Total number of applications and patents involved:  7. Total Fee (37 CFR 3.41)	(include series code or filing date)	
Name: Banner & Witcoff, Ltd Address: 1001 G Street, N.W., 11th Floor City: Washington State: D.C. Zip: 20001-4597  Possible Poss	5. Name and address of party to whom correspondence concerning	<del></del>
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.  Robert S. Katz, Reg. No. 36,402 Name of Person Signing Atty. Docket No.: 03797.00770  Total number of pages including cover sheet, attachments and document: 4	Name: Banner & Witcoff, Ltd. Address: 1001 G Street, N.W., 11th Floor City: Washington	Authorized to charge Deposit Account 19-0733
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.  Robert S. Katz, Reg. No. 36,402 Name of Person Signing Atty. Docket No.: 03797.00770  Total number of pages including cover sheet, attachments and document: 4	DO NOT USE THIS SPACE	
Name of Person Signing  Atty. Docket No.: 03797.00770  Total number of pages including cover sheet, attachments and document: 4	To the best of my knowledge and belief, the foregoing	ng information is true and correct and any attached copy
	Name of Person Signing Signatur	e Date
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THE CONTRACTOR OF THE PROPERTY	1.00 L000 DK - 0000090 190733 - 10782590	

PATENT REEL: 014761 FRAME: 0965

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No	TBA
Filing Date	
Inventorship	David D. Bohn et al.
Applicant	
Attorney's Docket No	
MS Docket No.	307398.01
Title: OPTICAL PROJECTION SYSTEM FOR COMPUTER INPUT DEVICES	

### PATENT ASSIGNMENT

#### PARTIES TO THE ASSIGNMENT

### Assignor(s):

David D. Bohn 2900 Eindborough Drive Fort Collins, CO 80525

Thomas C. Oliver 1200 Ridge West Drive Windsor, CO 80550

Rajeev Badyal 2633 Kit Fox Court Fort Collins, CO 80526

## 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 "OPTICAL PROJECTION SYSTEM FOR COMPUTER INPUT DEVICES," as described and claimed in the specification forming part of an application for United States letters patent referenced above and executed herewith;

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 therefore in the United States and in any and all foreign countries;

PATENT REEL: 014761 FRAME: 0966 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/therefore.

November 25, 2003 Date	David D. Bohn
November 26, 2003 Date	Thomas C. Oliver
Date	Rajeev Badval

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 therefore.

Date	David D. Bohn
Date	Thomas C. Oliver
	Lejev Badyal

Page 2 of 2

**RECORDED: 11/28/2003** 

**REEL: 014761 FRAME: 0968**