09-23-2003			
9-16-03 Form PTO-1592 (modified)			
To the Honorable Commissioner of Pater 102556166 Attorney Docket No. 003797.00621			
1. Name of Conveying Party or Parties:	2. Name and address of receiving party or parties:		
Randall E. AULL Firdosh K. BHESANIA Michael William John McCRACKEN Hirofumi YAMAMOTO Steven N. BATHICHE Timothy T. BREWER	Microsoft Corporation One Microsoft Way Redmond, WA 98052		
Additional Names of conveying party or parties attached?	Additional Name(s) and address(es) attached? Yes X No		
3. Nature of Conveyance:         Assignment       Merger         Security Agreement       Change of Nam         Other       Execution Dates: September 12, 2003, September 15, 2         September 12, 2003, September 12, 2003, September 1         and September 12, 2003, respectively	2003,		
<ol> <li>Application Number(s) or Patent Number(s):</li> <li>If this document is being filed together with a new applic September 15, 2003, September 12, 2003, September 1</li> </ol>	cation, the execution date of the application is: <u>September 12, 2003,</u> 12, 2003, September 12, 2003 and September 12, 2003, respectively		
A. Patent Application Number(s): ) O(OOUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	B. Patent Number(s):		
<ol> <li>Name and address of party to whom correspondence concerning the document should be mailed:</li> <li>Banner &amp; Witcoff, Ltd.</li> <li>1001 G Street, N.W., 11<sup>th</sup> Floor Washington, D. C. 20001</li> </ol>	<ul> <li>7. Total fee (37 CFR 3.41) \$40</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment</li> <li>8. Deposit Account No.: 19-0733 (in the event additional fees are required)</li> <li>(Duplicate copy of this page attached if paying by deposit</li> </ul>		
Do Not Use this Space	account)		
2/2003 ECOUPER 00000025 190733 10662428 C:8021 40.00 DA 9. Statement and Signature:	oing information is true and correct and any attached copy is a true copy of		
	Signature     September 16, 2003       a comprising Cover Sheet:     1		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
Filing Date	Executed Concurrently Herewith
Inventorship	
Applicant	
Attorney's Docket No.	
MS Docket No.	
Title: Method For Processing Data Quantifying Force A	

One Or More Keys Of A Computer Keyboard

#### PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

<u>Assignor(s):</u> Randall E. AULL 15445 63 Ave. NE Kenmore, WA 98028

Firdosh K. BHESANIA 13541 104th Place NE Kirkland, WA 98034

Michael William John McCRACKEN 15636 NE 56th Way Redmond, WA 98052 Hirofumi YAMAMOTO 11214 SE 64<sup>TH</sup> Street Bellevue, WA 98006

Steven N. BATHICHE 14645 NE 34th #c9 Bellevue WA 98007

Timothy T. Brewer 121 Vine Street, #1402 Seattle, WA 98121

#### 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 For Processing Data Quantifying Force Applied To One Or More Keys Of A Computer Keyboard," 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

No. 2844 P. 1/1

#### Attorney Docket No. <u>003797.00621</u> MS Docket No. <u>304808.1</u>

letters patent that may be granted therefore 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 therefore.

Date

Sept 15, 2003

Randall E. AULL

Firdosh K. BHESANIA

Date

Michael William John McCRACKEN

Date

Hirofumi YAMAMOTO

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Date

Randall E. AULL

Date

Firdosh K. BHESANIA

Date

Michael William John McCRACKEN

Date

Hirofumi YAMAMOTO

SEP 12 2003 15:48 FR MICROSOFT RECEP #B 425 936 7329 TO 912028243774 P.07/07 MS Docket No. 304808.1

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Page 3 of 3

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	TBA
Filing Date	Executed Concurrently Herewith
Filing Date Inventorship	
Applicant.	Microsoft Corp.
Attorney's Docket No	
MS Docket No	
Title: Method For Processing Data Quantifying Force A	Applied To

One Or More Keys Of A Computer Keyboard

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Date

Randall E. AULL

Date

<u>Sant 12/2003</u> Date 9-12 -03

Firdosh K. BHESANIA

Michael William John McCRACK

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Date

Steven N. BATHICHE

Date

Timothy T. BREWER

Page 3 of 3

\*\* TOTAL PAGE.07 \*\*

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	
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Inventorship	
Applicant	Microsoft Corp.
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MS Docket No.	
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One Or More Keys Of A Computer Keyboard

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9/ 12/2007

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Randall E. AULL

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Michael William John McCRACKEN

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Hirofumi YAMAMOTO

Page 2 of 3

Attorney Docket No. <u>003797.00621</u> MS Docket No. <u>304808.1</u>

Date

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Steven N. BATHICHE

Date

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Page 3 of 3

## PATENT REEL: 014501 FRAME: 0407

**RECORDED: 09/16/2003**