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Name of Person Signing

Frank J. Bozzo, Reg. No. 36,756

(Rev. 6-93)



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Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Microsoft Corporation Christopher Callahan Loren Merriman One Microsoft Way Redmond, WA 98502 Gordon Hardy Curtis Anderson Michael Robinson Dipak Boyed Additional name(s) & address(es) attached? Yes No Additional name(s) of conveying party(ies) attached?

Yes

No Nature of conveyance: Assignment Merger Change of Name Security Agreement Other: Execution Date: January 31, 2007 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: January 31, 2007 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Enclosed Name: Frank J. Bozzo Authorized to be charged to deposit account Address: Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725 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

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> PATENT REEL: 018967 FRAME: 0577

Total number of pages including cover sheet, attachmer

January 3, 2007

Date

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MS Docket No. 318496.1 OC Docket No. 14917.0487US01

PATENT ASSIGNMENT

WE, Loren Merriman, Gordon Hardy, Curtis Anderson, Michael Robinson, Dipak Boyed, and Christopher Callahan ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled BREAK AND OPTIONAL HOLD ON FAILURE ("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Merchant & Gould P.C., 701 Fifth Avenue, Suite 4700, Seattle, Washington, 98104, who are associated with customer number 27488, to insert here in parenthesis this APPLICATION'S U.S. Serial Number and filing date, when known (U.S. Serial No
was filed on, 2007, and was given U.S. Serial No/;
is filed concurrently herewith;
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of, acquiring the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"); For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES); ASSIGNORS agree to execute all instruments and documents required for the
making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).
1/31/07
DATE LOREN MERRIMAN
Jan 30, 2007 Mondan Mande
DATE COPDON HAPPY

CURTIS ANDERSON PATENT

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MICHAEL ROBINSON

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CHRISTOPHER CALLAHAN

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RECORDED: 01/31/2007