10-25-2000

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) M&G- MS 144236.1/40062.45US01

101496347 To the Commissioner of Patents and Trademarks: Please re-2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Gary S. Burd Microsoft Corporation One Microsoft Way Kenneth B. Cooper Redmond, Washington 98052 Mark T. Anders Scott D. Guthrie David S. Ebbo Ted A. Peters Stephen J. Millet Additional name(s) & address(es) attached? ☐ Yes ☒ No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: 08/02/00; 08/11/00; 09/02/00; 09/20/00 10.12.00 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: B. Patent No.(s) A. Patent Application No.(s) 09/574,144 Additional numbers attached? 

Yes 

No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): Richard J. Holzer, Jr. Name: Merchant & Gould P.C. Authorized to be charged to deposit account Address: 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 original document. Richard J. Holzer, Jr. Name of Person Signing

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Total number of pages including cover sheet, attachments, and document: 7

REEL: 011171 FRAME: 0457

## ASSIGNMENT

WHEREAS, we, Gary S. Burd, Kenneth B. Cooper, Mark T. Anders, Scott D. Guthrie, David S. Ebbo, Ted A. Peters and Stephen J. Millet (hereinafter referred to as ASSIGNORS), having post office addresses of 11411 NE 103rd Street, Kirkland, Washington 98033; 3410 West Blaine, Seattle, Washington 98199; 14425 NE 12th Place, Bellevue, Washington 98007; 17786 NE 90th Street, Apt. U2102, Redmond, Washington 98052; 10909 Avondale Road, Apt. J139, Redmond, Washington 98052; 2431 8th Avenue West, Seattle, Washington 98119; and 8412 Olympic View Drive, Edmonds, Washington 98026, respectively, are the joint inventors of an invention entitled STATE MANAGEMENT OF SERVER-SIDE CONTROL OBJECTS, as described and claimed in the specification forming part of an application for United States letters patent as filed on May 18, 2000, and assigned Serial No. 09/574,144;

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 said 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of July, 2000.

Gary S. Burd

Page 1 of 4

STATE OF WASHINGTON )	
) ss.	
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Page 2 of 4

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Page 3 of 4

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	Stephen J. Millet
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PATENT REEL: 011171 FRAME: 0461