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| To the Honorable Commissioner of Patents and Trademarks: | Please record the attached original documents or copy thereof |
|--|--|
| 1. Name of Conveying Part(ies): Ray A. Bittner, Jr. Michael Ginsberg Additional name(s) of conveying party(ies) attached? Yes No X 3. Nature of conveyance: Assignment Security Agreement Merger Change of Name Other Execution Date: 8/12/99 | 2. Name and address of receiving party(ies): Name: Microsoft Corporation Internal Address: Street Address: One Microsoft Way City: Redmond State: WA Zip: 98052 Additional names(s) & address(es) attached: ☐ Yes ☒ No |
| Application number(s) or patent number(s): If this document is being filed together with a new applicat A. Patent Application No.(s): 09/324,905 | tion, the execution date of the application is: B. Patent No.(s) |
| Additional numbers attached: ☐ Yes ☒ No | Additional numbers attached: ☐ Yes ☒ No |
| Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Banowsky | 6. Total number of applications and patents involved1 |
| Internal Address: Lee & Hayes, PLLC Street Address: 421 W. Riverside Ave Suite 500 City: Spokane State: WA Zip: 99201 | 7. Total fee (37 CFR 3.41) \$40.00 □ Enclosed □ Authorized to be charged to deposit account |
| 09/02/1999 CVORACHA 00000064 500463 09324905) | 8. Deposit account number: 50-0463 |
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| 9. Statement and Signature. To the best of my knowledge and belief, the foregoing informathe original document. James R. Banowsky Name of Person Signing | tion is true and correct and any attached copy is a true copy of When the structure of the |

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Serial Number | |
|---|-----------------------|
| Filing Date | 6/2/99 |
| Inventorship | Bittner et al. |
| Applicant | Microsoft Corporation |
| Attorney's Docket No. | MS1-317US |
| Title: Dynamic Address Windowing On A PCI Bus | |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Ray A. Bittner, Jr. 641 213th Place N.E. Redmond, WA 98053

Michael Ginsberg 26125 NE 27th Dr. Redmond, WA 98053

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 "Dynamic Address Windowing On A PCI Bus," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, (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

Page 1 of 3

0622991224 G:\MSI\317us\MSI-317US.ASI.doc PATENT REEL: 010203 FRAME: 0818 1

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patent therefor.

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

| 8/12/99 | Fayl Lettner La |
|-------------------------------------|--|
| Date | Ray A. Bittner, Jr. |
| State of Washington County of King |) ss.) |
| person who appeared before | satisfactory evidence that Ray A. Bittner, Jr. is the me, and said person acknowledged that he or she signed ledged it to be his or her free and voluntary act for the d in the instrument. Dated |
| | * * * * * * * * * |
| 8/12/98 | Buhl Due |
| Date | Michael Ginsberg |
| State of Washington County of King |) ss.) |
| person who appeared before | satisfactory evidence that Michael Ginsberg is the eme, and said person acknowledged that he or she signed ledged it to be his or her free and voluntary act for the ed in the instrument. Dated |

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