U.S. PATENT AND TRADEMARK OFFICE -



101220981 Banner & Witcoff, LTD. PATENT ASSIGNMENT RECORDATION FORM COVER SHEET MBD 12.1.99 Docket No. 13797.83725 (MS #142453.1) To the Assistant Commissioner of Patents and Trademark, Box Assignments, Washington, D.C. 20231. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Microsoft Corporation Allen M. Han Carl J. Ledbetter Street Address: One Microsoft Way City: Redmond State: Washington Zip: 98052 3. Nature of Conveyance: Assignment Additional name(s) & address(es) attached? X No Execution Date: (1) November 25, 1999: (2) November 19, 1999 29/114747 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 19 and 25, 1999 Patent Application Serial No.: B. Patent No.(s) Additional numbers attached: Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Pamela I. Banner 7. Total fees (37 CFR 3.41): \$40.00 Internal Address: Banner & Witcoff, Ltd., - 11th Floor Enclosed (Charge or credit any difference to deposit Street Address: 1001 G Street, N.W. City: Washington State: D.C. Zip: 20001-4597 Authorized to be charged to deposit account 8. Deposit account number: 19-0733 (Attach duplicate copy of this page if paying by deposit account) 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. 2/13/1999 TTOW11 00000026 2911474

Total number of pages including cover sheet, attachments and document: 3

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Robert S. Katz, Reg. No. 36. Name of Person Signing

ASSIGNMENT

WHEREAS, we, Allen M. Han and Carl J. Ledbetter (hereinafter referred to as ASSIGNORS), having post office addresses of 12003 NE 100th Street, Kirkland, Washington 98033; and 18524 11th Avenue West, Lynnwood, Washington 98037, respectively, are the joint inventors of an invention entitled "RECEIVER FOR AN INPUT DEVICE," as described and claimed in the specification forming part of an application for United States letters patent 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 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, and continuation-inpart 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 Commission 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 letter patent, or for the purpose of protecting title to said invention or letter patent therefor.

| said invention of letter patent incretor. | |
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| Date 11.25.99 Inventor: | lecte. |
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| STATE OF WASHINGTON) | |
| COUNTY OF King) ss | |
| On this 242 day of November | 1999, before me a Notary Public in and for the County and State and known to me to be the persons of those names, who signed and sealed same to be their free act and deed. |
| (SEAL) | Holli L. Tompleton |
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| Date ///19/99 | Inventor | |
| STATE OF WASHINGTON |)) ss | |
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| aforesaid, personally Carl J. Led | | Holli' S. Tempers |

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