| 10/2600 REC | 07-09-2002 | T |
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| To the Honorable Commissioner of P | 102149767 | nal document(s) or copy thereof. |
| Name of conveying party(ies) (assignor(s)): | 102140707 | |
| Jason E.D. McCARTNEY, T. Brian SPRINGER, Jr. | and Keith M. TOUSSAINT | |
| Jason F.D. MCCARTNET, T. Bilan Si Ringer, J. | , and Remi W. 10005Anvi | , |
| Additional name(s) of conveying party(ies) attached? Uy | | |
| 2. Name and Address of Party(ies) receiving an interest (assignment) | gnee(s)). | |
| Name: Microsoft Corporation Address: One Microsoft Way | V 445/81/4 · · · | |
| Address. One Wicrosoft way | | |
| City: Redmond State: WA | Zip: 98052 | |
| Country: U.S.A. | | |
| Additional name(s) & address(es) attached? yes a | าง | |
| 3. Nature of Conveyance: | | |
| ⊠ Assignment ☐ Merger | ☐ Change of Nam | ne. |
| Assignment — Merger | — Change of Hair | |
| ☐ Verified Translation ☐ Security Agreet | ment Other | - Later Control of the Control of th |
| Execution Date: June 24, 2002 and June 25, 2002 | | |
| Execution Parts. | - Maria Alaman | |
| 4. Application number(s) or patent number(s): | | |
| If this document is being filed together with a new applica | tion, the execution date(s) of the application | is: June 24, 2002 and June 25, 2002 |
| | | |
| A. Patent Application No(s). | B. Patent No(s). | / |
| 2/2002 HLE333 00000045 10180443 | | 16/1001/1/2 |
| C:581 40.00 GP | | 1918049 |
| | I | |
| Others or | n additional sheet(s) attached? | l _{No} |
| | 6. Total number of application | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | Application(s) 1 + Pa | atent(s): = Total_1 |
| Robert M. Bain | 7 Total Fee (37 CFR 3 41) | |
| Senniger, Powers, Leavitt & Roedel | ⊠ Enclosed | |
| One Metropolitan Square | ☐ Authorized to be char | ged to deposit account |
| 16th Floor | | |
| St. Louis, Missouri 63102 (314) 231-5400 (telephone) | 8. Deposit Account Number: (Duplicate copy of this: | |
| (2.1) 22. 2.100 (telephone) | ☐ Charge any underpaym | nent or credit any overpayment to |
| | above Deposit Account | |
| | DO NOT USE THIS SPACE | the state of the s |
| 0. Statement and signature | | |
| Statement and signature To the best of my knowledge and belief, the foregoing info | rmation is true and correct and any attached | copy is a true copy of the original document. |
| | Pole DM | \triangleright |
| Robert M. Bain | 10000 | June 26, 2002 |
| Name of Person Signing | Signature | Date |

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

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PATENT REEL: 013052 FRAME: 0415

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Serial Number | Not vet assigned |
|----------------------|------------------|
| Inventorship | |
| Applicant | |
| Attorney's Docket No | MSFT 4989 |
| MS Docket No. | MS 164234.1 |
| | 10 20 27 |

Title: DATA PUBLISHING SYSTEMS AND METHODS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Jason E.D. McCartney 5420 277th Avenue NE Redmond, Washington 98053

T. Brian Springer, Jr. 8501 Willows Road NE #A204 Redmond, Washington 98052

Keith M. Toussaint 4933 51st Avenue S Seattle, Washington 98118

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 "DATA PUBLISHING SYSTEMS AND METHODS," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, 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 therefor.

06/24/2002 Date

Jason E. D. McCartney

6/25/2002

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PATENT REEL: 013052 FRAME: 0420