U.S. Department of Commerce REC Patent and Trademark Office **PATENT** 102234271 TO: The Commissioner of Patents and Trau nal document(s) or copy(ies). **Submission Type** Conveyance Type ☑ New Assignment Resubmission (Non-Recordation) License Document ID # Merger ☐ Correction of PTO Error Security Agreement Reel# Change of Name Frame # ☐ Corrective Document Other: Reel# Frame # Conveying Party(ies) Execution Date(s) 1. MA, Wei-Ying July 2, 2002 2. CHEN, Yu July 1, 2002 3. SUN, Liang September 10, 2002 4. XIE, Xing July 1, 2002 YUAN, Chun July 1, 2002 ZHANG, Hongjiang June 28, 2002 Mark if Additional Names of Conveying Parties Attached **Receiving Party** Name Microsoft Corporation Name Address One Microsoft Way Address Address Redmond Washington 98052 Zip Code City State/Country Mark if Additional Names of Receiving Parties Attached **Correspondent Name and Address** Y. Kurt Chang Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Leydig, Voit & Mayer, Ltd. Attorney Docket No. 216674 Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780 Enter the total number of pages of the attached conveyance document including any attachments: Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). **Patent Application Numbers Patent Numbers** 10/184,438 If this document is being filed together with a new Patent Application, enter the date the patent Month Day Year application was signed by the first named executing inventor. **Patent Cooperation Treaty (PCT)** PCT PCT PCT Enter PCT application number only if a U.S. Application Number has not been assigned. PCT PCT PCT **Number of Properties** Enter the total number of properties involved: 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 Method of Payment: Enclosed is a check in the amount of □ Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: X Yes ... No. 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. Charges to deposit account are authorized, as indicated herein. September 17, 2002 Y. Kurt Chang, Reg. # 41,397 Name of Person Signing Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Serial Number | 10/184 438 |
|--|-----------------------|
| Filing Date | Tune 28, 2002 |
| Inventorship | MA et al |
| Applicant | Microsoft Corporation |
| Attorney Docket No. | 216674 |
| MS Docket No. | |
| Title: SYSTEM AND METHOD FOR PROVIDING CONTENT-C | |
| CONTENT PROVIDERS AND CONTENT CONSUMERS | |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Wei-Ying Ma 3F, Sigma Building, No. 49 Zhichun Road, Haidian District Beijing 100080, China

Yu Chen 1405 at Gate 1, East Building 2, No. 10 Huayuan Road, Haidian District Beijing 100088, China

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Xing Xie Room 152, Building 7, Shuangyushu West, Haidian District Beijing 100080, P.R. China

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Assignee:

Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

Attorney Docket No. 216674
MS Docket No. 188857.1
Serial No. (if known)

<u>AGREEMENT</u>

WI-IFREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SYSTEM AND METHOD FOR PROVIDING CONTENT-ORIENTED SERVICES TO CONENT PROVIDERS AND CONTENT CONSUMERS," 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 therefore 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

Page 2 of 3

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

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Hongjiang Zhang

IN THE UNITED STATES PATENT AND TRADEMARK CEFICE

| Serial Number | 10/184,438 |
|---|-----------------------|
| Filing Date | |
| Inventorship | |
| Applicant | Microsoft Corporation |
| Attorney Docket No. | 216674 |
| Attorney Docket No | 188857.1 |
| Title: SYSTEM AND METHOD FOR PROVIDING CONT | |
| CONTENT PROVIDERS AND CONTENT CONSU | MERS |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Attorney Docket No. 216674

MS Docket No. 188857.1

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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

Page 2 of 3

| Attorney Docket No. | _216674 |
|-----------------------|----------|
| MS Docket No. | 185857.1 |
| Serial No. (if known) | |

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

| Date | Wei-Ying Ma |
|-------------------|-----------------|
| Date | Yu Chen |
| 9 (10 (02 Date | Liang Sun |
| Date | Xing Xie |
| Date | Chun Yuan |
| Date | Hongjiang Zhang |

RECORDED: 09/24/2002