| | 06-13 | -2002 | | |
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| MSFT-1238 | = R | | | |
| To The Honorable Commissioner of Patents | - 10212 and Hademarks, Plea | | iments or copy thereof. | |
| Name of conveying party(ies): | 12 | 2. Name and address of receiving | party(ies): | |
| Oliver Lee 5/3// First Assignor | 05/21/02 Date of Execution | Name: Microsoft Corporation | party(ies): 97 0 110 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| Quji Guo | 05/30/02 Date of Execution | Street Address: One Microsoft Wa City: Redmond | , 11 v | |
| Second Assignor Joel K. Grossman | 05/14/02 | | ZIP 98052 | |
| Third Assignor | Date of Execution | Additional name(s) & address attac | ched? ()YES (X)NO | |
| Brian D. Wentz Fourth Assignor | 05/20/02 Date of Execution | 3. Nature of Conveyance (check of | only one): | |
| Jordan L.K. Schwartz Fifth Assignor | 05/19/02 Date of Execution | () License Agreement | () Merger () Security Agreement () Other: | |
| Christopher J. Araman Sixth Assignor | 05/14/02 Date of Execution | ()Cross-reference of Assignmer Application No/,_, red Reel Noand Frame No. | corded on at | |
| Additional name(s) of conveying party(ies) attached? (X) YES () NO | | | | |
| 4. Identification of Application number(s), p | patent number(s) OR o | late of execution of application to w | hich assignment refers: | |
| Application Nos.: | Patent Nos.: | Date applicat named execu | ion was signed by the first ting inventor | |
| 10/160846 | • | | ite only if assignment is | |
| 5. Name and address of party to whom correspondence concerning documents should be mailed: Name: Joseph R. Condo, Esquire WOODCOCK WASHBURN LLP One Liberty Place - 46th Floor Philadelphia, Pennsylvania 19103-7301 215-568-3100 | | filed together with a new application) 6. Total number of applications and patents involved: 1 | | |
| | | 7. Total fee (37 CFR 3.41):\$40.00 (X) Enclosed () Authorized to be charged to Deposit Account Number 23-3050 | | |
| 06/12/2002 TDIAZ1 00000214 10160846 01 FC:581 40.00 DP | | Please charge any deficiency o overpayment to Deposit Account | | |
| | DO NOT USE | THIS SPACE | | |
| 9. Statement and signature. To the best of my knowledge and belief, the the original document. | e foregoing informatio | n is true and correct and any attach | | |
| Joseph R. Condo/42,431 Name of Person Signing/Reg. No. | Signa | ature | May 31, 2002 Date | |
| Total number of pages including cover sheet, assignment document and additional pages attached thereto: 14 | | | | |

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT

REEL: 012972 FRAME: 0909

ADDITIONAL NAMES OF CONVEYING PARTIES:

Randall Knight Winjum Date of Execution: 05/15/02

Shelly Farnham Date of Execution: 05/14/02

Lili Cheng Date of Execution: 05/14/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Filing Date | Herewith |
|--|---------------------------------------|
| Inventorship | Oliver Lee, et al. |
| Applicant | Microsoft Corporation |
| Attorney's Docket No. | |
| Title: Systems and Methods for Sharing Dynamic Con | · · · · · · · · · · · · · · · · · · · |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Lili Cheng 13550 NE 54th Place Bellevue, WA

Assignee:

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

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AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled 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.

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Oliver Lee

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May 30, 2002

Quji Guo

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5/14/2002

Date

Christopher Araman

D--- 0 -- 15

Date

Randall Knight Winjum

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5/14/202

Shelly Famham

5-14.02

Date

Lili Cheng

PATENT REEL: 012972 FRAME: 0922

RECORDED: 05/31/2002