# Electronic Version v1.1

Stylesheet Version v1.1

|  | :   | NEW ASSIGNMENT  | NEW ASSIGNMENT |  |
|--|---|---|----------------|--|
| NATURE OF CONVEYANCE:  |   | ASSIGNMENT  | ASSIGNMENT     |  |
| CONVEYING PARTY  | Υ DATA  |   |                |  |
|  |   | Name  | Execution Date |  |
| Aaron Cunningham   |   |   | 02/27/2006     |  |
| Marieke J. Watson  |   | 04/04/2006  |                |  |
| Patrice L. Miner   |   | 02/27/2006  |                |  |
| Alexandru Gavrilesc  | u   | 02/27/2006  |                |  |
| Haiyong Wang   |   | 02/26/2006  |                |  |
| Dennis Morgan  |   |   | 02/27/2006     |  |
|  |   |   | 02/21/2000     |  |
| RECEIVING PARTY  | DATA  |   |                |  |
| Name:  | Microsoft Corporation   |   |                |  |
| Street Address:  | One Microsoft Way   |   |                |  |
| City:  | Redmond   |   |                |  |
| State/Country:   | WASHINGTO   | N   |                |  |
| Postal Code:   | 98052-6399  |   |                |  |
|  |   |   |                |  |
| PROPERTY NUMBE   | RS Total: 1   |   |                |  |
| [  | 1   |   | ]              |  |
| PROPERTY NUMBE   | 1   | Num   | ber            |  |
| [  | Гуре  | Num<br>11364470   | ber            |  |
| Application Number   | Гуре  |   | ber            |  |
| Property -<br>Application Number   | Гуре  |   | ber            |  |
| Property<br>Application Number<br>CORRESPONDENC  | Гуре  | 11364470  | ber            |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:  | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i>  | -0448<br>Mail when the fax attempt is unsuccess   |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:  | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746   | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300  |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:  | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@  | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com  |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:<br>Correspondent Name  | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@<br>e:<br>William J                                     | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com<br>. Kramer  |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:                                       | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@<br>e:<br>William J<br>233 Sout                         | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com<br>. Kramer<br>h Wacker Drive                                |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:                    | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@<br>e:<br>William J<br>233 Sout<br>6300 Sea             | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com<br>. Kramer<br>h Wacker Drive<br>ars Tower                   |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:                                       | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@<br>e:<br>William J<br>233 Sout<br>6300 Sea             | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com<br>. Kramer<br>h Wacker Drive                                |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:                    | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@<br>e:<br>William J<br>233 Sout<br>6300 Sea<br>Chicago, | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com<br>. Kramer<br>h Wacker Drive<br>ars Tower                   |                |  |
| Property <sup>-</sup><br>Application Number<br>CORRESPONDENC<br>Fax Number:<br><i>Correspondence will</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4: | Type<br>:<br>E DATA<br>(312)474<br><i>be sent via US I</i><br>3134746<br>docket@<br>e:<br>William J<br>233 Sout<br>6300 Sea<br>Chicago, | -0448<br><i>Mail when the fax attempt is unsucces</i><br>300<br>marshallip.com<br>. Kramer<br>h Wacker Drive<br>ars Tower<br>ILLINOIS 60606 |                |  |

| Total Attachments: 4                  |
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| source=314655.01 Assignment#page4.tif |
|                                       |

# PATENT ASSIGNMENT

We, Aaron Cunningham, Marieke I. Watson, Patrice L. Miner, Alexandru Gavrilescu, Haiyong Wang, Dennis Morgan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Network Map" ("APPLICATION"), which:

> will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Marshall, Gerstein & Borun LLP, who are associated with customer number 45373, to insert here in parenthesis (U.S. Serial No. <u>11/364,470</u> filed <u>February 28, 2006</u>) this APPLICATION'S U.S. Serial Number and

filing date, when known;

filed) this APPLICATION's U.S. Serial Number and filing date, when known;

was filed on \_\_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_;

ls filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, Its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES):

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

DATE

Aaron Cunningham

Marieke I. Watson

Patrice L. Miner

Alexandru Gavrilescu

PALENIA PAGE.09 \*\*

REEL: 017453 FRAME: 0344

√aiyong Wang

Dennis Morgan

ç

DATE

DATE

DATE

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DATE

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| DATE       |                      |
|------------|----------------------|
|            | Aaron Cunningham     |
| 04-04-2006 | s in                 |
| DATE       | Marieke I. Watson    |
| DATE       | Patrice L. Miner     |
| DATE       | Alexandru Gavrilescu |
| DATE       | Haiyong Wang         |
| DATE       | Dennis Morgan        |
|            |                      |

PATENTAL PAGE.05 \*\* REEL: 017453 FRAME: 0345

# PATENT ASSIGNMENT

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| the second se |                      |
|---|----------------------|
| DATE  | Aaron Cunningham     |
| DATE  | Marieke I. Watson    |
| 2-27-06   | Pater du             |
| DATE  | Patrice L. Miner     |
| DATE  | Alexandru Gavrilescu |
| DATE  | Haiyong Wang         |
| DATE  | Dennis Morgan        |
|   | DATENT               |

PATENT REEL: 017453 FRAME: 0346

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| DATE            | Aaron Cunningham                                    |
|-----------------|---|
| DATE            | Marieke I. Watson                                   |
| DATE            | Patrice L. Miner                                    |
| DATE            | Alexandru Gavrilescu                                |
| DATE<br>2/27/06 | Haivong Wang  |
| DATE '          | Dennis Morgan<br>PATENT<br>REEL: 017453 FRAME: 0347 |

RECORDED: 04/10/2006