

# PATENT ASSIGNMENT

Electronic Version v1.1

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| <b>SUBMISSION TYPE:</b>                                                                                                             | NEW ASSIGNMENT              |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                        | ASSIGNMENT                  |
| <b>CONVEYING PARTY DATA</b>                                                                                                         |                             |
| <b>Name</b>                                                                                                                         | <b>Execution Date</b>       |
| Alexey Maykov                                                                                                                       | 03/28/2009                  |
| Matthew F. Hurst                                                                                                                    | 03/27/2009                  |
| <b>RECEIVING PARTY DATA</b>                                                                                                         |                             |
| <b>Name:</b>                                                                                                                        | Microsoft Corporation       |
| <b>Street Address:</b>                                                                                                              | One Microsoft Way           |
| <b>City:</b>                                                                                                                        | Redmond                     |
| <b>State/Country:</b>                                                                                                               | WASHINGTON                  |
| <b>Postal Code:</b>                                                                                                                 | 98052                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                    |                             |
| <b>Property Type</b>                                                                                                                | <b>Number</b>               |
| <b>Application Number:</b>                                                                                                          | 12413528                    |
| <b>CORRESPONDENCE DATA</b>                                                                                                          |                             |
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| <b>Address Line 4:</b>                                                                                                              | Redmond, WASHINGTON 98052   |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                      | 327111.01                   |
| <b>NAME OF SUBMITTER:</b>                                                                                                           | Anup Kumar                  |
| <b>Total Attachments: 2</b><br>source=327111.01 Executed Assignment 1#page1.tif<br>source=327111.01 Executed Assignment 1#page2.tif |                             |

CH \$40.00 12413528

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**PATENT**  
**REEL: 023018 FRAME: 0946**

PATENT ASSIGNMENT

MS Docket No.: 327111.01

I/WE, Alexey Maykov and Matthew F. Hurst ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHOD AND APPARATUS FOR WEB CRAWLING" ("APPLICATION"), which:

☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;

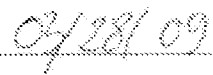
☒ was filed on 03/28/2009 and was given Application No. 12/413528

☐ is 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"));

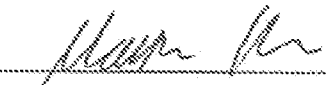
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |
| Inventor's Signature                                                                | Date                                                                                 |
| Alexey Maykov                                                                       | Alexey Maykov                                                                        |
| Printed Name in English                                                             | Printed Name in Native Language (if other than English)                              |

PATENT ASSIGNMENT

MS Docket No.: 327111.01

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|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <br>_____<br>Inventor's Signature | <u>3/27/2009</u><br>_____<br>Date                                   |
| <u>Matthew F. Hurst</u><br>_____<br>Printed Name in English                                                        | _____<br>Printed Name in Native Language (if<br>other than English) |