

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NEW ASSIGNMENT              |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|----------------|-----------------------|------------|---------------------------|------------|--------------|------------|-------------|------------|--------------|------------|-------------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASSIGNMENT                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| CONVEYING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jacob Andrew Sabulsky</td> <td>05/22/2013</td> </tr> <tr> <td>Christopher Scott Dickens</td> <td>05/23/2013</td> </tr> <tr> <td>Zainab Hakim</td> <td>05/21/2013</td> </tr> <tr> <td>Harris Syed</td> <td>05/22/2013</td> </tr> <tr> <td>Axel Andrejs</td> <td>05/22/2013</td> </tr> <tr> <td>John Saxon Morrow</td> <td>05/21/2013</td> </tr> <tr> <td>Ranjib Singh Badh</td> <td>05/23/2013</td> </tr> </tbody> </table> |                             | Name          | Execution Date | Jacob Andrew Sabulsky | 05/22/2013 | Christopher Scott Dickens | 05/23/2013 | Zainab Hakim | 05/21/2013 | Harris Syed | 05/22/2013 | Axel Andrejs | 05/22/2013 | John Saxon Morrow | 05/21/2013 | Ranjib Singh Badh | 05/23/2013 |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Execution Date              |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Jacob Andrew Sabulsky                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 05/22/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Christopher Scott Dickens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 05/23/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Zainab Hakim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 05/21/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Harris Syed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 05/22/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Axel Andrejs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 05/22/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| John Saxon Morrow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 05/21/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Ranjib Singh Badh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 05/23/2013                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Microsoft Corporation       |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | One Microsoft Way           |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Redmond                     |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| State/Country:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | WASHINGTON                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98052                       |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| PROPERTY NUMBERS Total: 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13901743</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                        |                             | Property Type | Number         | Application Number:   | 13901743   |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number                      |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 13901743                    |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Fax Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4259367329                  |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Phone:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 425-707-9382                |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Email:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | vffiling@microsoft.com      |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Correspondent Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Assal Meftahi               |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Address Line 1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | One Microsoft Way           |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Address Line 2:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Patent Group Docketing Dept |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| Address Line 4:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Redmond, WASHINGTON 98052   |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 339130.01                   |               |                |                       |            |                           |            |              |            |             |            |              |            |                   |            |                   |            |

CH \$40.00 13901743

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Deepsha Jain   |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | /Deepsha Jain/ |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 05/30/2013     |
| <b>Total Attachments: 14</b><br>source=339130-01-Executed-Assignment#page1.tif<br>source=339130-01-Executed-Assignment#page2.tif<br>source=339130-01-Executed-Assignment#page3.tif<br>source=339130-01-Executed-Assignment#page4.tif<br>source=339130-01-Executed-Assignment#page5.tif<br>source=339130-01-Executed-Assignment#page6.tif<br>source=339130-01-Executed-Assignment#page7.tif<br>source=339130-01-Executed-Assignment#page8.tif<br>source=339130-01-Executed-Assignment#page9.tif<br>source=339130-01-Executed-Assignment#page10.tif<br>source=339130-01-Executed-Assignment#page11.tif<br>source=339130-01-Executed-Assignment#page12.tif<br>source=339130-01-Executed-Assignment#page13.tif<br>source=339130-01-Executed-Assignment#page14.tif |                |

I, Jacob Andrew Sabulsky, (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “USER CENTRIC DATA MAINTENANCE” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE’S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 24-MAY-2013 and given Application No. 13/901743 by the following Office USPTO) this APPLICATION’s Application No., filing date, and Office, when known;

was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_ by the following Office “ \_\_\_\_\_”;


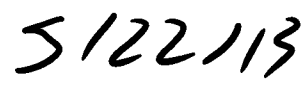
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns (“ASSIGNEE”), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

| Application No. | Filing Date | Office |
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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, ASSIGNOR's 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).

|                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |
| _____<br>Inventor's Signature                                                     | _____<br>Date                                                                      |
| Jacob Andrew Sabulsky<br>_____<br>Printed Name in English                         | _____<br>Printed Name in Native Language<br>(if other than English)                |

I, Christopher Scott Dickens, (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “USER CENTRIC DATA MAINTENANCE” (“APPLICATION”), which:

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|                                                                                   |                                                                |
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|  |                                                                |
| <u>5/23/2013</u><br>Inventor's Signature                                          | <br>Date                                                       |
| <u>Christopher Scott Dickens</u><br>Printed Name in English                       | <br>Printed Name in Native Language<br>(if other than English) |

I, Zainab Hakim, (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “USER CENTRIC DATA MAINTENANCE” (“APPLICATION”), which:

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|  | <u>05/21/2013</u>                                          |
| Inventor's Signature                                                              | Date                                                       |
| <u>Zainab Hakim</u>                                                               | _____                                                      |
| Printed Name in English                                                           | Printed Name in Native Language<br>(if other than English) |



PATENT ASSIGNMENT

MS Docket No.: 339130.01

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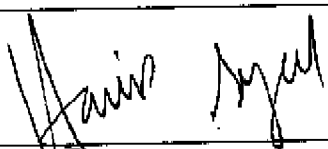
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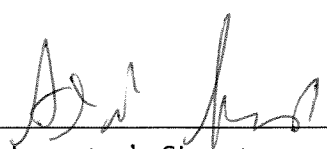
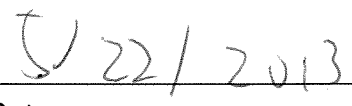
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|                                                                                                                    |                                                                     |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <br>_____<br>Inventor's Signature | <u>5/22/2013</u><br>_____<br>Date                                   |
| <u>Harris Syed</u><br>_____<br>Printed Name in English                                                             | _____<br>Printed Name in Native Language<br>(if other than English) |



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|                                                                                                                    |                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <br>_____<br>Inventor's Signature | <br>_____<br>Date |
| Axel Andrejs<br>_____<br>Printed Name in English                                                                   | _____<br>Printed Name in Native Language<br>(if other than English)                                 |

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| _____                                                                             | 5/21/2013                                                  |
| Inventor's Signature                                                              | Date                                                       |
| _____                                                                             | _____                                                      |
| John Saxon Morrow                                                                 | _____                                                      |
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|  | 5/23/13                                                    |
| Inventor's Signature                                                              | Date                                                       |
| Ranjib Singh Badh                                                                 |                                                            |
| Printed Name in English                                                           | Printed Name in Native Language<br>(if other than English) |