

PATENT ASSIGNMENT

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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>Karan Mehra</td><td>10/06/2011</td></tr><tr><td>Surendra Verma</td><td>09/29/2011</td></tr><tr><td>John R. Dietrick</td><td>09/27/2011</td></tr></tbody></table>	Name	Execution Date	Karan Mehra	10/06/2011	Surendra Verma	09/29/2011	John R. Dietrick	09/27/2011	
Name	Execution Date								
Karan Mehra	10/06/2011								
Surendra Verma	09/29/2011								
John R. Dietrick	09/27/2011								
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>13230840</td></tr></tbody></table>	Property Type	Number	Application Number:	13230840					
Property Type	Number								
Application Number:	13230840								
CORRESPONDENCE DATA									
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Address Line 4:	Redmond, WASHINGTON 98052								
ATTORNEY DOCKET NUMBER:	334040.01								
NAME OF SUBMITTER:	Jyoti Adlakha								
Total Attachments: 4 source=334040-01-Executed-Assignment#page1.tif source=334040-01-Executed-Assignment#page2.tif source=334040-01-Executed-Assignment#page3.tif source=334040-01-Executed-Assignment#page4.tif									

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PATENT
REEL: 027082 FRAME: 0459

PATENT ASSIGNMENT

MS Docket No.: 334040.01


I/WE, Karan Mehra, Surendra Verma and John R. Dietrick ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EFFICIENT ACCESS TO STORAGE DEVICES WITH USAGE BITMAPS" ("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 September 12, 2011 and was given Application No. 13/230840;
- ☐ 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"));

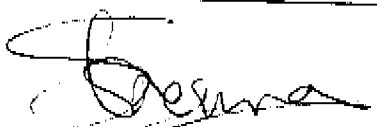
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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	<u>10 / 06 / 2011</u> _____ Date
<u>Karan Mehra</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 334040.01

	
Inventor's Signature	Date <u>9/29/11</u>
<u>Surendra Verma</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
<u>John R. Dietrick</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 334040.01

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_____ Inventor's Signature	_____ Date
Karan Mehra _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 334040.01

<u>Inventor's Signature</u>	<u>Date</u>
<u>Surendra Verma</u>	<u>Printed Name in Native Language (if</u>
<u>Printed Name in English</u>	<u>other than English)</u>

 <u>Inventor's Signature</u>	<u>2011/09/27</u> <u>Date</u>
<u>John R. Dietrick</u>	<u>Printed Name in Native Language (if</u>
<u>Printed Name in English</u>	<u>other than English)</u>