

**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>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andrew Birrell</td> <td>12/08/2004</td> </tr> <tr> <td>Edward P. Wobber</td> <td>12/08/2004</td> </tr> <tr> <td>Muthukaruppan Annamalai</td> <td>12/09/2004</td> </tr> <tr> <td>Ulfar Erlingsson</td> <td>12/08/2004</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Birrell	12/08/2004	Edward P. Wobber	12/08/2004	Muthukaruppan Annamalai	12/09/2004	Ulfar Erlingsson	12/08/2004
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Edward P. Wobber	12/08/2004										
Muthukaruppan Annamalai	12/09/2004										
Ulfar Erlingsson	12/08/2004										
<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>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11032775</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11032775						
Property Type	Number										
Application Number:	11032775										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(215)568-3439										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	2155683100										
<b>Email:</b>	Inapoli@woodcock.com										
<b>Correspondent Name:</b>	Jeremiah J. Baunach										
<b>Address Line 1:</b>	One Liberty Place										
<b>Address Line 2:</b>	46th Floor										
<b>Address Line 4:</b>	Philadelphia, PENNSYLVANIA 19103-7301										
<b>NAME OF SUBMITTER:</b>	/Lisa Napoli/										
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif											

CH \$40.00 11032775

**PATENT**

**PATENT ASSIGNMENT**

I/WE, Andrew Birrell, Edward P. Wobber, Muthukaruppan Annamalai, Ulfar Erlingsson ("ASSIGNOR"), residing at 313 Loucks Avenue, Los Altos, California 94022; 460 Santa Monica Avenue, Menlo Park, California 94025; 4266 Winslow Place North Seattle, Washington 98103; 2530 Fillmore Street, #12, San Francisco, California, 94115; have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "System and Methods for an Overlay Disk and Cache Using Portable Flash Memory" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Woodcock Washburn, LLP, 1650 Market Street, Philadelphia, PA 19103, who are associated with customer number 41505, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION'S U.S. Serial Number and filing date, when known;

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

8 Dec 2004  
DATE

8 Dec 2004  
DATE

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DATE  
12/8/2004  
DATE

A Birrell  
Andrew Birrell

Edward P. Wobber  
Edward P. Wobber

\_\_\_\_\_  
Muthukaruppan Annamalai  
Ulfar Erlingsson  
Ulfar Erlingsson

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Muthukaruppan Annamalai

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