

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Frederico Mameri	10/12/2010
Elisabeth Olson	10/14/2010
Andrew Sean Watson	10/12/2010
Mark Walker	10/12/2010
RECEIVING PARTY DATA	
Name:	Microsoft Corporation
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City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12905641
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ATTORNEY DOCKET NUMBER:	330502.01
NAME OF SUBMITTER:	Garyma Saksena
Total Attachments: 2	

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**PATENT
 REEL: 025149 FRAME: 0129**

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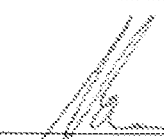
I/WE, Frederico Mameri, Elisabeth Olson, Andrew Sean Watson and Mark Walker ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled, OPTIMIZING BROWSER CACHING THROUGH DETERMINISTIC MARKING OF FILES ("APPLICATION"), which:

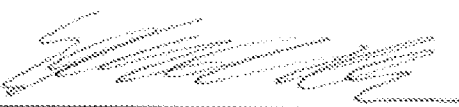
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 12/905641, filed 10/15/2010) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;

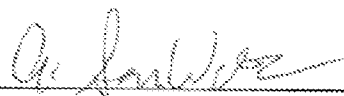
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

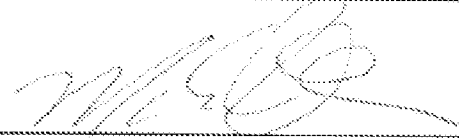
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

 _____ Inventor's Signature	<u>10/12/2010</u> _____ Date
<u>Frederico Mameri</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>14 Oct - 2010</u> _____ Date
<u>Elisabeth Olson</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>10/10/2010</u> _____ Date
<u>Andrew Sean Watson</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>10.12.2010</u> _____ Date
<u>Mark Walker</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)