

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Neal R. Christiansen	12/13/2010
Craig A. Barkhouse	12/13/2010
Daniel Chan	12/13/2010
John D. Slingwine	12/13/2010
Sarosh C. Havewala	12/13/2010
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12970948
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NAME OF SUBMITTER:	Geeta Nainwal

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Total Attachments: 3

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PATENT ASSIGNMENT

MS Docket No.: 330825.01

I/WE, Sarosh C. Havewala, Neal R. Christiansen, John D. Slingwine, Craig A. Barkhouse and Daniel Chan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Online Fault Verification In A File System" ("APPLICATION") which:

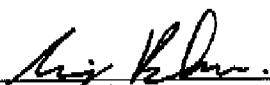
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 12/970,948, filed 12/17/2010) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;

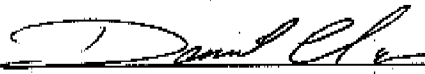
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,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

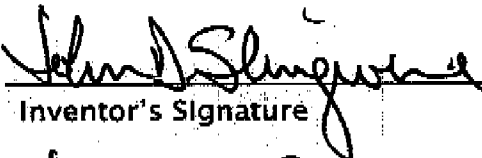
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

<u>Neal R. Christiansen</u> Inventor's Signature	<u>12/13/2010</u> Date
<u>Neal R. Christiansen</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>12/13/2010</u> Date
<u>Craig Barkhouse</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>12/13/2010</u> Date
<u>Daniel Chan</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>12/13/2010</u> Date
<u>John D. Slingwine</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u><i>Sarosh C. Havelala</i></u>	<u>12 / 13 / 2010</u>
Inventor's Signature	Date
<u>SAROSH C. HAUWALA</u>	
Printed Name in English	Printed Name in Native Language (if other than English)