

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Richard T. Russo	11/16/2010
Aaron Matthew Tyler	11/16/2010
Bruce Green	11/16/2010
Blaine Young	11/17/2010
Alaa H. Abdelhalim	11/16/2010
Roger D. Seielstad	11/16/2010
Peter A. Gurevich	11/16/2010
Vittal Pai	11/16/2010
Andrew Sveikauskas	11/16/2010
P. Daniel Suberviola II	11/16/2010

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12950259

CORRESPONDENCE DATA

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CH \$40.00 12950259

Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:

M1103.70907US00

NAME OF SUBMITTER:

William R. McClellan

Total Attachments: 3

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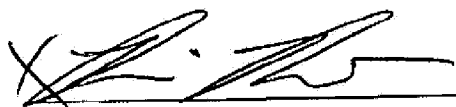
I/WE, Richard T. Russo; Aaron Matthew Tyler; Blaine Young; Bruce Green; Alaa H. Abdelhalim; Roger D. Seielstad; Peter A. Gurevich; Vittal Pai; Andrew Sveikauskas; and P. Daniel Suberviola, II ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONCURRENTLY APPLYING AN IMAGE FILE WHILE IT IS BEING DOWNLOADED USING A MULTICAST PROTOCOL" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210, who are associated with customer number 45840, to insert here in parenthesis (Application No. 12/950259, filed November 19, 2010) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. Not Yet Assigned;
- 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

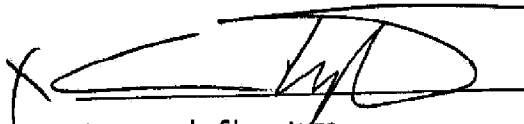
11/18/2010

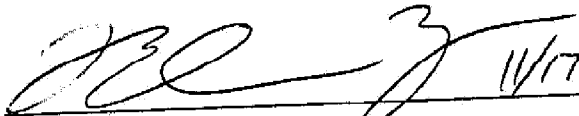
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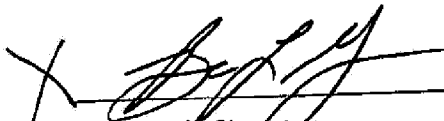
Richard T. Russo

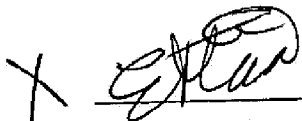
Printed Name in Native Language


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X  11/16/2010 Aaron Matthew Tyler
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 11/17/2010 Blaine Young
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