PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Kallay	08/30/2010
Danica M. Porobic	08/30/2010

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:	12872650

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NAME OF SUBMITTER: J. LaVar Oldham

Total Attachments: 3

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PATENT ASSIGNMENT

I/WE, Michael Kallay and Danica M. Porobic ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BUFFER CONSTRUCTION WITH GEODETIC CIRCULAR ARCS" ("APPLICATION"), which:

X	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
	Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple,
	Salt Lake City, UT 84111, who are associated with customer number
	47973, 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 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

Michael Kallay

Printed Name in English

Michael Kallay

Printed Name in Native Language (if other than English)

Inventor's Signature

Date 8/30/2010

Danica M. Porobic

Danica M. Porobic

Printed Name in English

Date 8/30/2010

Danica M. Porobić

Printed Name in Native Language (if other than English)