

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ashraf A. Michail	09/20/2010
David B. Teitlebaum	09/21/2010
Brandon C. Furtwangler	09/13/2010
<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>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12890760
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 1:</b>	One Microsoft Way
<b>Address Line 2:</b>	Patent Group Docketing Dept
<b>Address Line 4:</b>	Redmond, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	330048.01
<b>NAME OF SUBMITTER:</b>	Amandeep Kaur

CH \$40.00 12890760

Total Attachments: 6  
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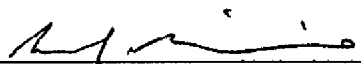
I/WE, Ashraf A. Michail, David B. Teitlebaum, and Brandon C. Furtwangler ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ARC SPLINE GPU RASTERIZATION FOR CUBIC BEZIER DRAWING" ("APPLICATION"), which:

- 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. 12/890760, filed 09/27/2010), his 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>9/20/2010</u> _____ Date
<u>Ashraf A. Michail</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>David B. Teitlebaum</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Brandon C. Furtwangler</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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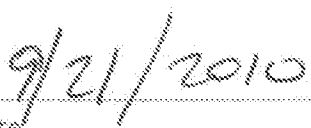
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Inventor's Signature	Date
Ashraf A. Michail	
Printed Name in English	Printed Name in Native Language (if other than English)

	
Inventor's Signature	Date
David B. Teitlebaum	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Brandon C. Furtwangler	
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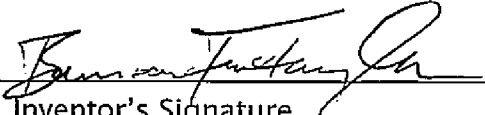
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 _____ Inventor's Signature	9/13/10 _____ Date
Brandon C. Furtwangler _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)