

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andy Glaister</td> <td>03/20/2012</td> </tr> <tr> <td>Blaise Pascal Tine</td> <td>03/20/2012</td> </tr> <tr> <td>Blake Pelton</td> <td>03/20/2012</td> </tr> <tr> <td>Derek Sessions</td> <td>03/20/2012</td> </tr> <tr> <td>Mikhail Lyapunov</td> <td>03/20/2012</td> </tr> <tr> <td>Yuri Dotsenko</td> <td>03/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Andy Glaister	03/20/2012	Blaise Pascal Tine	03/20/2012	Blake Pelton	03/20/2012	Derek Sessions	03/20/2012	Mikhail Lyapunov	03/20/2012	Yuri Dotsenko	03/20/2012
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<table border="1"> <tr> <td>Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052				
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13398797</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13398797										
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Application Number:	13398797														
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ATTORNEY DOCKET NUMBER:	335120.01														

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NAME OF SUBMITTER:

Gopal Sharma

Total Attachments: 3

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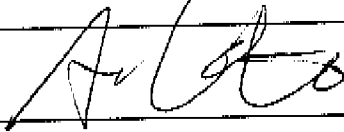
I/WE, Andy Glaister, Blaise Pascal Tine, Blake Pelton, Derek Sessions, Mikhail Lyapunov, Yuri Dotsenko ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VECTORIZATION OF SHADERS" ("APPLICATION"), which:


- 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. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- was filed on 02/16/2012 and was given Application No. 13/398,797 ;
- 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>3/20/12</u> _____ Date
<u>Andy Claister</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

<del></del> _____ Inventor's Signature	<u>3/20/12</u> _____ Date
<u>Blaise Pascal Tine</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u>Blake Pelton</u> _____ Inventor's Signature	<u>3/20/2012</u> _____ Date
<u>Blake Pelton</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>3/20/2012</u> _____ Date
<u>Derek Sessions</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u></u> Inventor's Signature	<u>3/20/2012</u> Date
<u>Mikhail Lyapunov</u> Printed Name in English	<u></u> Printed Name in Native Language (if other than English)

<u>Yuri Dotsenko</u> Inventor's Signature	<u>3/20/2012</u> Date
<u>Yuri Dotsenko</u> Printed Name in English	<u></u> Printed Name in Native Language (if other than English)