

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael A. Toelle</td> <td>11/28/2006</td> </tr> <tr> <td>Craig C. Peeper</td> <td>12/01/2006</td> </tr> <tr> <td>Brian T. Klamik</td> <td>11/28/2006</td> </tr> <tr> <td>Sam Glassenberg</td> <td>11/28/2006</td> </tr> </tbody> </table>		Name	Execution Date	Michael A. Toelle	11/28/2006	Craig C. Peeper	12/01/2006	Brian T. Klamik	11/28/2006	Sam Glassenberg	11/28/2006
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Craig C. Peeper	12/01/2006										
Brian T. Klamik	11/28/2006										
Sam Glassenberg	11/28/2006										
<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>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11565326</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11565326						
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Application Number:	11565326										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(216)696-8731										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	2166968730										
<b>Email:</b>	mpesek@thepatentattorneys.com										
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<b>Address Line 2:</b>	24th Floor										
<b>Address Line 4:</b>	Cleveland, OHIO 44114										
<b>ATTORNEY DOCKET NUMBER:</b>	MSFTP1474USA										
<b>NAME OF SUBMITTER:</b>	Himanshu S. Amin										

OP \$40.00 11565326

Total Attachments: 2  
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**PATENT ASSIGNMENT**

WE, MICHAEL A. TOELLE, CRAIG C. PEEPER AND BRIAN T. KLAMIK, SAM GLASSENBERG ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "APPLICATION PROGRAM INTERFACE FOR PROGRAMMABLE GRAPHICS PIPELINE" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 24<sup>th</sup> Floor, National City Center, 1900 E. 9<sup>th</sup> Street, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (U.S. Serial No. 11/565,326 filed 11/30/2006) this APPLICATION'S U.S. Serial Number and filing date, when known;

was filed on ..... and was given U.S. Serial 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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).

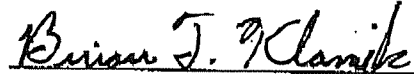
11/28/06  
DATE

  
MICHAEL A. TOELLE

DATE

CRAIG C. PEEPER

11-28-06  
DATE

  
BRIAN T. KLAMIK

11/28/06  
DATE

  
SAM GLASSENBERG

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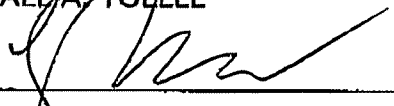
12/1/06  
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\_\_\_\_\_  
MICHAEL A. TOELLE

  
\_\_\_\_\_

CRAIG C. PEEPER

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BRIAN T. KLAMIK

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SAM GLASSENBERG