

# 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>Jacky Shen</td> <td>10/20/2004</td> </tr> <tr> <td>Guangping Gao</td> <td>10/20/2004</td> </tr> <tr> <td>Shipeng Li</td> <td>10/22/2004</td> </tr> </tbody> </table>		Name	Execution Date	Jacky Shen	10/20/2004	Guangping Gao	10/20/2004	Shipeng Li	10/22/2004		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Microsoft Corporation</td> </tr> <tr> <td><b>Street Address:</b></td> <td>One Microsoft Way</td> </tr> <tr> <td><b>City:</b></td> <td>Redmond</td> </tr> <tr> <td><b>State/Country:</b></td> <td>WASHINGTON</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>98052-6399</td> </tr> </table>		<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>	98052-6399
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (509)323-8979</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (509)944-4776</p> <p>Email: cherri@leehayes.com</p> <p>Correspondent Name: Lee &amp; Hayes, PLLC</p> <p>Address Line 1: 601 W. Riverside Avenue</p> <p>Address Line 2: Suite 1400</p> <p>Address Line 4: Spokane, WASHINGTON 99201</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	MS1-2118USC1										
<b>NAME OF SUBMITTER:</b>	Cherri A. Simon										
<p>Total Attachments: 3</p> <p>source=227097#page1.tif</p>											

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**PATENT**  
**REEL: 024940 FRAME: 0544**

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Attorney Docket No. MS1-2118USC1

MS Docket No. 309202.02

Serial No. (if known) \_\_\_\_\_

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number.....  
Filing Date.....  
Inventorship.....Shen et al.  
Applicant.....Microsoft Corporation  
Attorney's Docket No. ....MS1-2118USC1  
MSDocket No. ....309202.02  
Title: Accelerated Video Encoding Using a Graphics Processing Unit

**PATENT ASSIGNMENT****PARTIES TO THE ASSIGNMENT****Assignor(s):**

Jacky Shen  
1805, Bldg. 1, Hong Jia Li Yuan, Zhichun Road, Haidian District  
Beijing, 100088 China

Guangping Gao  
Room 503, Unite 5, Bldg 28  
Zhanchunyuan, Haidian District  
Beijing, 10080 China

Shipeng Li  
9634 222nd CT NE  
Redmond, WA 98053

**Assignee:**

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
"Accelerated Video Encoding Using a Graphics Processing Unit," for which:

☐ a provisional application for United States Letters Patent was filed on..... and  
was given U.S. Serial No. .... and/or

☐ a non-provisional application for United States Letters Patent was:

Attorney Docket No. MS1-2118USC1  
MS Docket No. 309202.02  
Serial No. (if known) \_\_\_\_\_

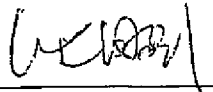

☐ filed on..... and was given U.S. Serial No. .... ; or filed concurrently herewith.

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Attorney Docket No. MS7-2118USC1  
MS Docket No. 309202.02

Serial No. (if known) \_\_\_\_\_

10.20.2004  
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