

**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>Jian Wang</td> <td>03/05/2005</td> </tr> <tr> <td>Chunhui Zhang</td> <td>03/06/2005</td> </tr> </tbody> </table>		Name	Execution Date	Jian Wang	03/05/2005	Chunhui Zhang	03/06/2005
Name	Execution Date						
Jian Wang	03/05/2005						
Chunhui Zhang	03/06/2005						
<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>11077057</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11077057		
Property Type	Number						
Application Number:	11077057						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(202)824-3001						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	202.824.3000						
<b>Email:</b>	skim@bannerwitcoff.com						
<b>Correspondent Name:</b>	Gary D. Fedorochko						
<b>Address Line 1:</b>	1001 G. Street						
<b>Address Line 2:</b>	11th Floor						
<b>Address Line 4:</b>	Washington D.C., DISTRICT OF COLUMBIA 20001-4597						
<b>NAME OF SUBMITTER:</b>	William J. Allen						
<b>Total Attachments: 1</b> source=Assignment 3797.1317#page1.tif							

CH \$40.00 11077057

PATENT ASSIGNMENT

WE, Jian Wang and Chunhui Zhang ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CAMERA BASED BARCODE RECOGNITION " ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1001 G Street NW, Eleventh Floor, Washington, DC 20001-4597, who are associated with customer number 28319, 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 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 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).

Jian Wang      3/5/05  
Jian Wang                      date

Chunhui Zhang      3/6/05  
Chunhui Zhang                      date