

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	06/24/2005										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Steven James White</td><td>06/24/2005</td></tr><tr><td>Donald M. Marsh</td><td>06/24/2005</td></tr><tr><td>Jingyang Xu</td><td>06/24/2005</td></tr></tbody></table>		Name	Execution Date	Steven James White	06/24/2005	Donald M. Marsh	06/24/2005	Jingyang Xu	06/24/2005		
Name	Execution Date										
Steven James White	06/24/2005										
Donald M. Marsh	06/24/2005										
Jingyang Xu	06/24/2005										
RECEIVING PARTY DATA											
<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
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11166751</td></tr></tbody></table>		Property Type	Number	Application Number:	11166751						
Property Type	Number										
Application Number:	11166751										
CORRESPONDENCE DATA											
Fax Number: (816)421-5547 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 816-474-6550											
Email: bparkerson@shb.com											
Correspondent Name: Shook, Hardy & Bacon LLP											
Address Line 1: 2555 Grand Blvd.											
Address Line 4: Kansas City, MISSOURI 64108											
ATTORNEY DOCKET NUMBER:	313446.01/MFCP.120061										
NAME OF SUBMITTER:	Tawni L. Wilhelm										
Total Attachments: 2											

OP \$40.00 11166751

500100228

PATENT
REEL: 017567 FRAME: 0740

M5 Docket No. 313446.01
(OC Docket No. MFCP.120061)

PATENT ASSIGNMENT

I/WE, Steve J. White, Donald M. Marsh, and Jingyang Xu ("ASSIGNOR"),
have invented subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "CACHING DIGITAL IMAGE DATA" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO
64108, who are associated with customer number 45809, to insert
here in parenthesis (U.S. Serial No. 11/166,751, filed 6/24/05)
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"));


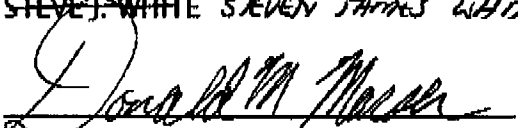
For good and valuable consideration, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to
the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIVATIVES);

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).

6/24/2005
DATE

6/24/2005
DATE

DATE


STEVE J. WHITE STEVEN JAMES WHITE

DONALD M. MARSH

JINGYANG XU

MS Docket No. 313446.01
(OC Docket No. MFCP.120061)

PATENT ASSIGNMENT

I/WE, Steve J. White, Donald M. Marsh, and Jingyang Xu ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CACHING DIGITAL IMAGE DATA" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO 64108, who are associated with customer number 45809, to insert here in parenthesis (U.S. Serial No. 11/166,751, filed 6/24/05) 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).

DATE

DATE

DATE

STEVE J. WHITE

DONALD M. MARSH

JINGYANG XU

1689866v1