

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hugues H. Hoppe</td> <td>02/08/2008</td> </tr> <tr> <td>Yonatan Wexler</td> <td>02/13/2008</td> </tr> <tr> <td>Eyal Ofek</td> <td>02/13/2008</td> </tr> <tr> <td>Huamin Wang</td> <td>02/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hugues H. Hoppe	02/08/2008	Yonatan Wexler	02/13/2008	Eyal Ofek	02/13/2008	Huamin Wang	02/08/2008
Name	Execution Date										
Hugues H. Hoppe	02/08/2008										
Yonatan Wexler	02/13/2008										
Eyal Ofek	02/13/2008										
Huamin Wang	02/08/2008										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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										
<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 style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12031221</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12031221						
Property Type	Number										
Application Number:	12031221										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (509)323-8979  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (509) 324-9256        Email: patricia@leehayes.com        Correspondent Name: Lee &amp; Hayes, PLLC        Address Line 1: 601 W. Riverside Ave.        Address Line 2: Suite 1400        Address Line 4: Spokane, WASHINGTON 99201</p>											
ATTORNEY DOCKET NUMBER:	MS1-4313US										
NAME OF SUBMITTER:	Pat Palmer										
Total Attachments: 3											

OP \$40.00 12031221

**501187976**

**PATENT**  
**REEL: 024444 FRAME: 0965**

source=ML3687#page1.tif  
source=ML3687#page2.tif  
source=ML3687#page3.tif

PATENT ASSIGNMENT

I, HUGUES H. HOPPE, YONATAN WEXLER, DR. EYAL OFEK, HUAMIN WANG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FACTORING REPEATED CONTENT WITHIN AND AMONG IMAGES" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, 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. 12/031,221, filed 2-14-2008) 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).

2008/2/3  
\_\_\_\_\_  
DATE

Hugues Hoppe  
\_\_\_\_\_  
HUGUES H. HOPPE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
YONATAN WEXLER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
EYAL OFEK

\_\_\_\_\_  
DATE

\_\_\_\_\_  
HUAMIN WANG

**PATENT ASSIGNMENT**

I, HUGUES H. HOPPE, YONATAN WEXLER, DR. EYAL OFEK, HUAMIN WANG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FACTORING REPEATED CONTENT WITHIN AND AMONG IMAGES" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, 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. 12/031,221, filed 2-14-2008) 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

2/13/2008

DATE

2/13/2008

DATE

DATE

HUGUES H. HOPPE

YONATAN WEXLER

EYAL OFEK

HUAMIN WANG

**PATENT ASSIGNMENT**

I, HUGUES H. HOPPE, YONATAN WEXLER, DR. EYAL OFEK, HUAMIN WANG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FACTORING REPEATED CONTENT WITHIN AND AMONG IMAGES" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, 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. 12/031,221, filed 2-14-2008) 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

HUGUES H. HOPPE

DATE

YONATAN WEXLER

DATE

EYAL OFEK

DATE

Feb 08, 2008

HUAMIN WANG

PATENT