

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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>Jizheng Xu</td> <td>11/20/2000</td> </tr> <tr> <td>Shipeng Li</td> <td>11/10/2000</td> </tr> <tr> <td>Ya-Qin Zhang</td> <td>12/05/2000</td> </tr> </tbody> </table>		Name	Execution Date	Jizheng Xu	11/20/2000	Shipeng Li	11/10/2000	Ya-Qin Zhang	12/05/2000		
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RECEIVING PARTY DATA											
<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
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Street Address:	One Microsoft Way										
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PROPERTY NUMBERS Total: 1											
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Application Number:	10984159										
CORRESPONDENCE DATA											
<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: carly@leehayes.com Correspondent Name: Carlin Taylor Address Line 1: 601 West Riverside Address Line 2: Suite 1400 Address Line 4: Spokane, WASHINGTON 99201</p>											
ATTORNEY DOCKET NUMBER:	MS1-0554USC4										
NAME OF SUBMITTER:	Carlin Taylor										
<p>Total Attachments: 4 source=C4#page1.tif</p>											

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PATENT
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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

MS1 - 0554USC4

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Jizheng Xu 11/20/2000
Shipeng Li 11/10/2000
Ya-Qin Zhang 12/05/2000

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Microsoft Corporation

Internal Address: _____

Street Address: One Microsoft Way

City: Redmond

State: WA

Country: US Zip: 98052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Listed in Box 1 above

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/984,159 filed 11/9/2004

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Lee & Hayes, PLLC

Internal Address: _____

Street Address: 601 W Riverside Ste 1400

City: Spokane

State: WA Zip: 99201

Phone Number: 509-324-9256

Fax Number: 509-324-8979

Email Address: dominic@leehayes.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: /Dominic S. Lindauer Reg. No. 61417/

1/14/2010

Signature

Date

Dominic S. Lindauer

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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

2 Serial Number 09/599,160
3 Filing Date 6/21/00
4 Inventorship Xu et al.
5 Applicant Microsoft Corporation
6 Attorney's Docket No. MS1-554US
7 Title: Video Coding System and Method Using 3-D Discrete Wavelet Transforms
8 and Entropy Coding With Motion Information

9 **PATENT ASSIGNMENT**

10 **PARTIES TO THE ASSIGNMENT**

11 Assignor(s):

12 Jizheng Xu
13 ~~5/E, Beijing Sigma Center No. 49~~ *#505 Training Center*
14 ~~Zhichun Road, Hai Dian District~~ *Beijing University of Aeronautics*
15 ~~Beijing, China 400080~~ *and Astronautics*
 100083

16 Shipeng Li
17 303 Berkshire Drive
18 Princeton, NJ 08540

19 Ya-Qin Zhang
20 73 Saratoga Drive N.
21 West Windsor, NJ 08850

22 Assignee:

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

AGREEMENT

 WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention
entitled "Video Coding System and Method Using 3-D Discrete Wavelet
Transforms and Entropy Coding With Motion Information," as described and
claimed in the specification forming part of an application for United States letters
patent referenced above;

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

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

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Nov 20, 2000 Jizheng Xu
Date Jizheng Xu

Signature of
Witness Chen lei

Nov. 10, 2000 Shipeng Li
Date Shipeng Li

Signature of
Witness Joan Bilbao

12/5/2000 Ya-Qin Zhang
Date Ya-Qin Zhang

Signature of
Witness Chen lei