



EL887747918

To the Honorable Commissioner of Patents &

Attached original documents or copy thereof

1. Name of Conveying Party(ies):

Feng Wu  
Shipeng Li  
Ya-Qin Zhang

11.8.01

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

3. Nature of conveyance:

- Assignment  Security Agreement
- Merger  Change of Name
- Other

Execution Date: 10/15/01; 10/18/01; 10/22/01; 10/23/01;  
10/31/01

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Internal Address:

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

Additional names(s) & address(es) attached:  Yes  No



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 10/15/01; 10/18/01;  
10/22/01; 10/23/01; 10/31/01

A. Patent Application No.(s):

10/007074

Additional numbers attached:  Yes  No

B. Patent No.(s)

Additional numbers attached:  Yes  No

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

Name: Bradley K. DeSandro

Internal Address: Lee & Hayes, PLLC

Street Address: 421 W. Riverside Ave  
Suite 500

City: Spokane State: WA Zip: 99201

6. Total number of applications and patents involved..... 1

7. Total fee (37 CFR 3.41)..... \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

12/12/2001 SMINASS1 00000093 10007074

01 FC:101	740.00 OP
02 FC:102	396.00 OP
03 FC:102	840.00 OP

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley K. DeSandro  
Name of Person Signing #34,521

[Signature]  
Signature

11/8/01  
Date

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

12/12/2001 SMINASS1 00000093 10007074

LEE & HAYES, PLLC

40.00 OP

**PATENT**  
**REEL: 012372 FRAME: 0296**

Recordation Form Cover Sheet

Continuation of Box 1. Name of Conveying Party(ies):

Bing Zeng  
Xiaoyan Sun

<b>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</b>
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Inventorship ..... Feng Wu et al.  
 Applicant ..... Microsoft Corporation  
 Attorney's Docket No. .... MS1-748US  
 Title: Drifting Reduction And Macroblock-Based Control In Progressive Fine  
 Granularity Scalable Video Coding

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

Feng Wu  
 1209<sup>th</sup> Room, 5<sup>th</sup> Building, Zhijin Fazenda  
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 Beijing 100080, P.R. China

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  
 "Drifting Reduction And Macroblock-Based Control In Progressive Fine Granularity Scalable

Video Coding," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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 therefor 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 therefor.

Oct. 31. 2001  
Date

Feng Wu.  
Feng Wu

Oct. 18. 2001  
Date

Shipeng Li  
Shipeng Li

Oct. 22, 2001  
Date

Ya-Qin Zhang  
Ya-Qin Zhang

Oct. 15, 2001  
Date

Bing Zeng  
Bing Zeng

Oct. 23. 2001  
Date

Xiaoyan Sun  
Xiaoyan Sun