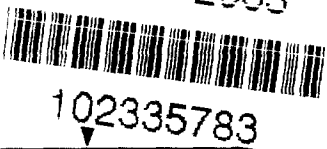


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Form PTO-1595 (Rev. 03/01) 12.30.02 R
OMB No. 0651-0027 (exp. 5/31/2002)
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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Stuart Raymond Patrick
James E. Walsh

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 Zip: 98052
Additional name(s) & address(es) attached? Yes No

JC912 U.S. PTO
10/331817



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 12/20/02

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: 12/20/02
A. Patent Application No.(s)
10/331817
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Allan T. Sponseller, Reg. No. 38,318
Internal Address: Lee & Hayes, PLLC
Street Address: 421 West Riverside Avenue
Suite 500
City: Spokane State: WA Zip: 99201

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01 FC:8021 40.00 CH

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: 12-0769

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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.
Allan T. Sponseller, Reg. No. 38,318
Name of Person Signing

D. MORASCH *42,905

Signature

DEC 30, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 3

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

Attorney Docket No. MS1-1257US

MS Docket No. 301161.1

Serial No. (if known) _____

EV109681604

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number
 Filing Date..... Executed Concurrently Herewith
 Inventorship Patrick et al.
 Applicant..... Microsoft Corporation
 Attorney's Docket No. MS1-1257US
 MSDocket No. 301161.1
 Title: Adaptable Accelerated Content Streaming

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Stuart Raymond Patrick
 15404 SE 53rd Place
 Bellevue, WA 98006

James E. Walsh
 5611 125th LN NE
 Kirkland, WA 98033

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 "Adaptable Accelerated Content Streaming," 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;

Attorney Docket No. MS1-1257US
MS Docket No. 301161.1
Serial No. (if known) _____

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.

12/20/02
Date

Stuart R. Patrick
Stuart Raymond Patrick

12/20/2002
Date

James E. Walsh
James E. Walsh