

05-29-2001

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101733149

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

1. Name of Conveying Party(ies):

David del Val
William F. Schiefelbein
Hemanth Ravi
Anupam SahaiAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance: 5-21-01

- ☒ Assignment ☐ Security Agreement
☐ Merger ☐ Change of Name
☐ Other

Execution Date: 3/11/01; 4/26/01; 5/10/01; 5/14/01

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

Name: Microsoft Corporation

Internal Address:

Street Address: One Microsoft Way 1

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: 3/11/01; 4/26/01; 5/10/01; 5/14/01

A. Patent Application No.(s):

09/676,128

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: Thomas A. Jolly

Internal Address: Lee & Hayes, PLLC

Street Address: 421 W. Riverside Ave
Suite 500

City: Spokane State: WA Zip: 99201

05/25/2001 DBYRNE 00000166 09676128

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:

01 FD:581

40.00 DP

DO NOT USE THIS SPACE

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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.

Thomas A. Jolly

Name of Person Signing

Signature

Date

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

1 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Serial Number.....09/676,128
3 Filing Date.....9/29/2000
4 Inventorship..... del Val et al.
Applicant Microsoft Corporation
5 Attorney's Docket No. MS1-578US
Title: Improved Media Streaming Methods and Arrangements

6 PATENT ASSIGNMENT7 PARTIES TO THE ASSIGNMENT8 Assignor(s):

9 David del Val
10 Valle De Laciana, 13
Madrid, Spain 28034

11 William F. Schiefelbein
12 23610 NE 6th Street
Sammamish, WA 98074

13 Hemanth Ravi
14 One Microsoft Way
Redmond, WA 98052

15 Anupam Sahai
16 4321 243rd Avenue SE
Issaquah, WA 98029

17 Assignee:

18 Microsoft Corporation
19 Corporation in the State of Washington
20 One Microsoft Way
Redmond, WA 98052

21 AGREEMENT

22 WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention
23 entitled "Improved Media Streaming Methods and Arrangements," as described
24 and claimed in the specification forming part of an application for United States
25 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.

03/11/01
 Date David del Val

Signature of
 Witness Marian Alvarez MARIAN ALVAREZ WAD.L.: ALVARM-291K5

5/10/2001
 Date William F. Schiefelbein

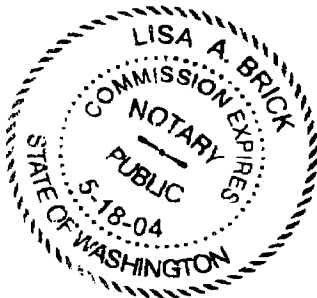
State of Washington)
) ss.
 County of King)

I certify that I know or have satisfactory evidence that William F. Schiefelbein is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 5/10/01

Signature of
 Notary Public Lisa A. Brick

My appointment expires 5/18/04



* * * * *

Date Hemanth RaviState of Washington)
County of King) ss.

I certify that I know or have satisfactory evidence that Hemanth Ravi is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

My appointment expires _____

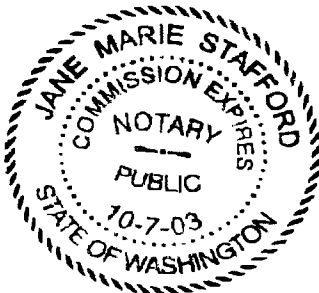
* * * * *

Date 5/14/01

Anupam Sahai
Anupam Sahai

State of Washington)
County of King) ss.

I certify that I know or have satisfactory evidence that Anupam Sahai is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 5/14/01Signature of
Notary Public _____My appointment expires 11-07-03

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

2 Serial Number.....09/676,128
3 Filing Date9/29/2000
4 Inventorship del Val et al.
Applicant Microsoft Corporation
Attorney's Docket No. MSI-578US
5 Title: Improved Media Streaming Methods and Arrangements

6 **PATENT ASSIGNMENT**

7 **PARTIES TO THE ASSIGNMENT**

8 **Assignor(s):**

9 David del Val
10 Valle De Laciana, 13
Madrid, Spain 28034

11 William F. Schiefelbein
12 23610 NE 6th Street
Sammamish, WA 98074

13 Hemanth Ravi
14 1211 Rousseau Drive
Sunnyvale, CA 94087

15 Anupam Sahai
16 4321 243rd Avenue SE
Issaquah, WA 98029

17 **Assignee:**

18 Microsoft Corporation
19 Corporation in the State of Washington
One Microsoft Way
20 Redmond, WA 98052

21 **AGREEMENT**

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24 and claimed in the specification forming part of an application for United States
25 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.

Date David del Val

Signature of
Witness

* * * * *

Date William F. Schiefelbein

State of Washington)
County of King) ss.

I certify that I know or have satisfactory evidence that William F. Schiefelbein is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated

Signature of
Notary Public

My appointment expires

* * * * *

1
2 Date 4/26/01 R. H. Swinns (Hemant Ravi)
Hemant Ravi

3 State of California)
4 County of) ss.

5 I certify that I know or have satisfactory evidence that Hemant Ravi is the person
6 who appeared before me, and said person acknowledged that he or she signed this
7 instrument and acknowledged it to be his or her free and voluntary act for the uses
and purposes mentioned in the instrument.

8 Dated _____

9 Signature of
Notary Public _____

10 My appointment expires _____

11
12 * * * * *

13 Date _____ Anupam Sahai

14 State of Washington)
15 County of King) ss.

16 I certify that I know or have satisfactory evidence that Anupam Sahai is the person
17 who appeared before me, and said person acknowledged that he or she signed this
18 instrument and acknowledged it to be his or her free and voluntary act for the uses
and purposes mentioned in the instrument.

19 Dated _____

20 Signature of
Notary Public _____

21 My appointment expires _____
22
23
24
25