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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR SIMULTANEOUS MEDIA PRESENTATION

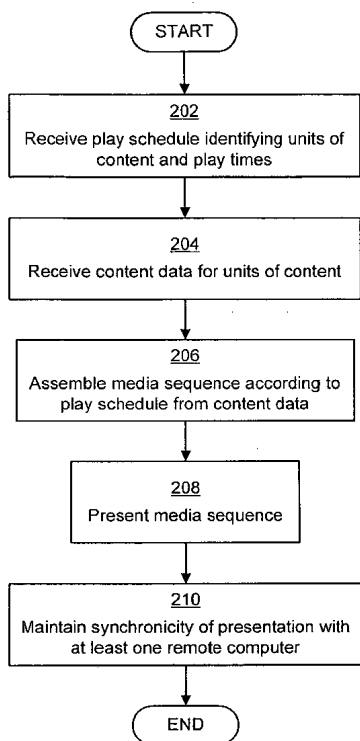


FIG. 2

(57) Abstract: Described herein are systems and methods for presenting content to a plurality of users at a plurality of computers. Presenting content may comprise presenting media content (e.g., playing media content) such as audio or video content — including music; audio books; image slideshows; movies, television programs, video clips, and other video content; and any other suitable audio and/or visual content — at the plurality of computers to create a shared media experience (e.g., a shared listening/viewing experience) among the plurality of users. In some embodiments, one or more techniques may be applied to ensure that presentation of the content is performed substantially simultaneously (also referred to as synchronously) at each of the computers to ensure that each of the users is experiencing the same content at the same time.



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OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2009/001814

A. CLASSIFICATION OF SUBJECT MATTER INV. H04N7/52 H04N7/62				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) H04N				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	WO 2005/013047 A2 (SONOS INC [US]; MILLINGTON NICHOLAS A J [US]) 10 February 2005 (2005-02-10) abstract page 1 - page 3, line 16 page 11, line 3 - line 8 page 48, line 20 - line 29 -----	1-13, 21-33, 41-42, 69-81, 93-94, 231-252, 267-268		
<input type="checkbox"/> Further documents are listed in the continuation of Box C.				
<input checked="" type="checkbox"/> See patent family annex.				
* Special categories of cited documents :				
<table style="width:100%; border: none;"> <tr> <td style="width:50%; border: none; vertical-align: top;"> *A" document defining the general state of the art which is not considered to be of particular relevance *E" earlier document but published on or after the international filing date *L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O" document referring to an oral disclosure, use, exhibition or other means *P" document published prior to the international filing date but later than the priority date claimed </td> <td style="width:50%; border: none; vertical-align: top;"> *T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&" document member of the same patent family </td> </tr> </table>			*A" document defining the general state of the art which is not considered to be of particular relevance *E" earlier document but published on or after the international filing date *L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O" document referring to an oral disclosure, use, exhibition or other means *P" document published prior to the international filing date but later than the priority date claimed	*T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&" document member of the same patent family
*A" document defining the general state of the art which is not considered to be of particular relevance *E" earlier document but published on or after the international filing date *L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O" document referring to an oral disclosure, use, exhibition or other means *P" document published prior to the international filing date but later than the priority date claimed	*T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&" document member of the same patent family			
Date of the actual completion of the international search <p align="center">11 February 2010</p>	Date of mailing of the international search report <p align="center">09/03/2010</p>			
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer <p align="center">Schoeyer, Marnix</p>			

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/001814

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-13, 21-33, 41-42, 69-81, 231-252(completely); 93-94, 267-268(partially)

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-13, 21-33, 41-42, 69-81, 231-252(completely); 93-94, 267-268(partially)

Synchronized presentation of a sequence of media content at a plurality of computers

2. claims: 14-20, 34-40, 98-110, 272-278(completely); 114-115, 314-315(partially)

Presentation of content to two users including content obtained from a third user

3. claims: 43-57, 60-65, 204-219, 222-227(completely); 67-68, 229-230(partially)

Providing of stream content to a plurality of users including enabling at least two users to modify the stream of media content

4. claims: 58-59, 66(completely); 67-68(partially)

Creation of a user interface

5. claims: 82, 253(completely); 93-94, 267-268(partially)

Providing a listing including reference to a global time source

6. claims: 83-92, 254-262(completely); 93-94, 267-268(partially)

Presentation and assembly of a stream of media content to a user including determine a unit of media content to play at a first time

7. claims: 95-97, 269-271

Listing of media content to be played in an order including a presentation time

8. claims: 111-113, 294-313(completely); 114-115, 314-315(partially)

Sharing media through streaming from a first computer or data store to other computers or client computers

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

9. claims: 116-128, 316-336(completely); 151-152,
371-372(partially)

Maintaining synchronous presentation of a play schedule
including detection that a computer is unable to present a
portion of the media data

10. claims: 129-149, 337-369(completely); 151-152,
371-372(partially)

Prioritization of requests for content

11. claims: 150, 370(completely); 151-152, 371-372(partially)

Method transmitting / receiving media data for synchronous
presentation including assigning different priorities to
different parts of the media

12. claims: 153, 373-375

Presentation of indicator when content can be presented

13. claims: 154-169, 376-406

Removal of media content from listing after completion of
playback

14. claims: 170-176, 407-422

Media presentation via a plurality of computers including
exchange of chat data

15. claims: 177-178, 423-424(completely); 184-185,
432-433(partially)

Simultaneous engagement in multiple media presentations
including presenting a first one and display of progress of
a second one.

16. claims: 179, 425(completely); 184-185, 432-433(partially)

Simultaneous engagement in multiple media presentation
sessions including display of text messages

17. claims: 180-182, 426-430(completely); 184-185,
432-433(partially)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Managing media presentations to two distinct subsets of users including sending text messages to both subsets and media data only to a first of the subsets of users.

18. claims: 183, 431(completely); 184-185, 432-433(partially)

Determination of active and passive participants in shared media presentations.

19. claims: 186, 434

Display of listing of a listing of one other user

20. claims: 187-195(completely); 200-201(partially)

Recommendation of media content

21. claims: 196-199, 449-462(completely); 200-201, 463-464(partially)

Aiding a user in selecting media content including estimating a transmission rate and display to a user of an indication whether a transmission rate is acceptable

22. claims: 202-203, 465-467

Provision of a listing for immediate presentation in a simultaneous presentation session and provision of a visual indicator whether content is recommended for immediate presentation.

23. claims: 220-221, 228(completely); 229-230(partially)

Provision of a user interface to show a listing of media content being presented including an indication of changes made

24. claims: 263-266(completely); 267-268(partially)

Managing synchronous presentation including receiving information sufficient to construct an updated play schedule.

25. claims: 279-293(completely); 314-315(partially)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Presentation of a stream of media content on a plurality of client computers including selecting at a first client computer and concurrently presenting at least part of the content at the first client computer and a second client computer

26. claims: 435-448(completely); 463-464(partially)

Determination of annotated media content and displaying an annotation

27. claims: 468-472

Presentation of audio content in an absolute time base despite differences between clocks including determining a correct presentation offset

28. claim: 473

Insertion of silence samples in signal

29. claims: 474-476

Automatic selection of songs based on preferences

30. claims: 477-479

Preview of play in session by mouse hovering

31. claims: 480-482

Move songs from a first play schedule to a second play schedule

32. claims: 483-485

Changing schedule and volume of a play schedule of a second user by that of a first user

33. claims: 486-489

Splitting a stream into two streams and delivering one of them faster than in realtime and delivering the other in real time

34. claims: 490-493

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Identifying two recordings as the same song as a single song
for computing statistics

35. claims: 494-496

Detection that a song in a schedule cannot play

36. claims: 497-503

Detecting that a group of computers has insufficient uplink
bandwidth and identifying a computer with spare uplink
bandwidth

37. claims: 504-506

Detecting that if a piece of data is needed urgently,
sending it by an alternate route

38. claims: 507-510

Prioritizing a request based on the circumstances how it was
added to a play schedule

39. claims: 511-513

Suppressing upload activity of a computer based on transfer
requests on another computer

40. claims: 514-515

Based on a change in a play schedule compute an updated set
of media data transfer request or advertisements or transfer
priorities

41. claims: 516-520

Indication of data blocks computers are willing to receive
and able to offer

42. claims: 521-523, 525-526(completely); 528(partially)

Prioritizing requests based on information associated with a
receiver

43. claims: 524, 527(completely); 528(partially)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Reporting an estimate of the amount of outstanding requests
that can be filled or reporting an estimate to how many
computers a data item could be transmitted

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2009/001814

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005013047 A2	10-02-2005	CA 2533852 A1	10-02-2005
		EP 1654614 A2	10-05-2006
		JP 2007512718 T	17-05-2007
		US 2007038999 A1	15-02-2007
