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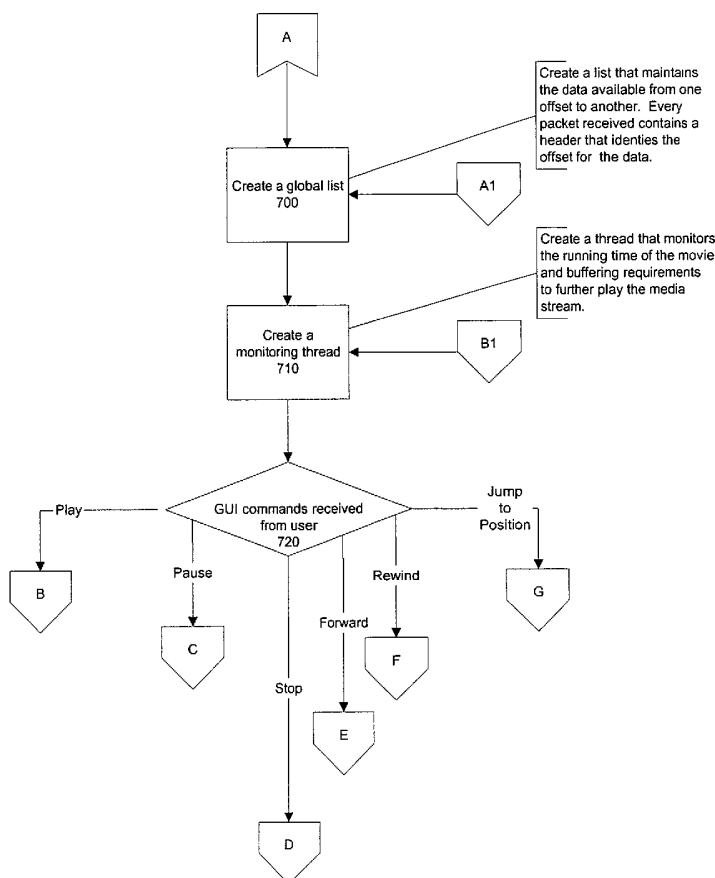
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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

[Continued on next page]

(54) Title: DATA STREAMING SYSTEM AND METHOD



(57) Abstract: A system for streaming data includes a channel for communicating requests between a client and server and another channel for transmitting streaming video. The client creates a media file for archiving received video data. A global list (700) maintained by the client identifies all available data in the media file. A monitoring (710) thread tracks the global list to identify unavailable data needed for playback, identify approaching data discontinuities, merge global list entries for contiguous chunks of available data and identify remaining unavailable data. The client requests unavailable data from the server until the media file is full. A client-side player with a graphical user interface facilitates pause, stop, play, fast forward, jump (scroll), and rewind operations (720). The system may play video data as streamed and store the streamed video data for playback in a download and store mode.

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25426

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H03K 9/00

US CL : 375/316

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)

U.S. : 375/316;345/717;724/87, 88, 89, 94

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,392,664 B1 (WHITE et al.) 21 May 2002, column 3, lines 20-column 6, line 16	1, 2 and 7
A	US 6,360,368 B1 (CHAWLA) 19 March 2002, all	1-20

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Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
11 December 2003 (11.12.2003)	01 MAR 2004
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer Shuwang Liu Telephone No. 703 305-4700

INTERNATIONAL SEARCH REPORT

PCT/US03/25426

Continuation of B. FIELDS SEARCHED Item 3:

East

search terms: video-on-demand, video stream, playback