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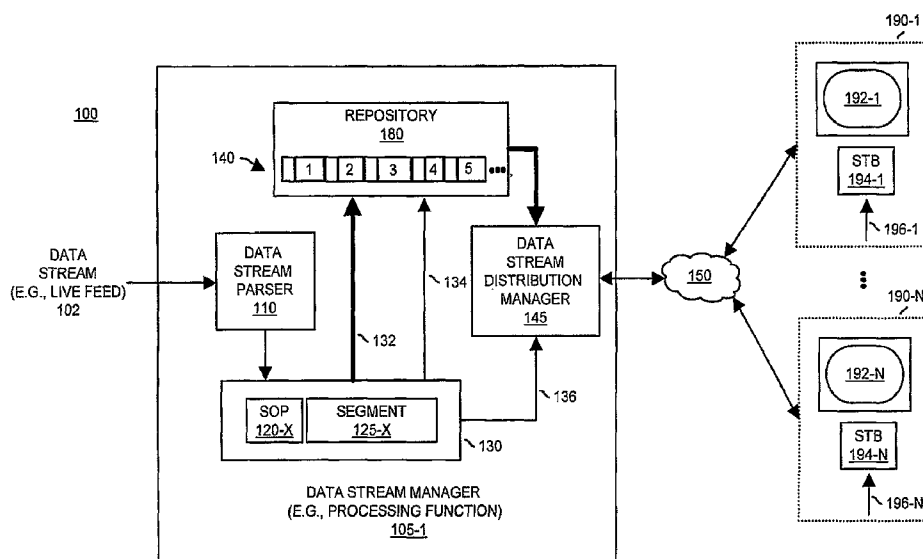
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report

[Continued on next page]

(54) Title: METHODS AND SYSTEM TO PROVIDE REFERENCES ASSOCIATED WITH DATA STREAMS



(57) Abstract: Each set of pointers inserted into a received data stream eventually includes pointer values that point to other locations (e.g., other segments) within the data stream. Initially, pointer values can be set to null values because an address or respective index to other segments or other sets of pointers in the data stream may not be known until they are either received from the live feed or inserted into the data stream. As new segments of data are received from an original data stream such as a live feed, a processing function herein backfills the null pointer values in the set of pointers with appropriate values to the newly received segments or set of pointers. Backfilling of appropriate pointer values into the data stream enables a respective user viewing the data stream to initiate navigation amongst the data stream and potentially view live feed with little or no delay.

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International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 12/00 (2008.04)

USPC - 711/170

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)
711/170Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 711/100

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST: (PGPB,USPT,EPAB,JPAB); Google Scholar

Search Terms: data stream, live feed, navigate, rewind, fast forward, skip, pointer, store, stored, storing, storage, segment, piece, portion, part, section, fragment, navigate stream, navigate feed, control stream, control feed, manage stream, manage feed, backfill, back-fill

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2005/0125569 A1 (SWIDLER et al.) 09 June 2005 (09.06.2005), abstract and para [0015]-[0018], [0030], [0041], [0047], [0050]-[0054], [0056], [0059], [0061], [0065], [0078]-[0079].	1-10, 14 and 19 ----- 11-13
X --- Y	US 2003/0067554 A1 (KLARFELD et al.) 10 April 2003 (10.04.2003), abstract and para [0178], [0414], [0439], [1173], [1183], [1191], [1893]-[1894], [1908], [1960], [1964], [2009], [2082], [2146], [2366], [2396], [2457], [3339].	15-18 and 20-23 ----- 11-13
A	US 2003/0078930 A1 (SURCOUF et al.) 24 April 2003 (24.04.2003), entire document, especially abstract and para [0014]-[0016], [0021]-[0024], [0043]-[0065], [0078]-[0088], [0108]-[0125], [0141]-[0170], [0197]-[0203], [0212]-[0217], [0432]-[0440], [0449]-[0481].	1-23

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"&" document member of the same patent family

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