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(12) **United States Patent**
Chatani

(10) **Patent No.:** **US 7,401,151 B2**
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(54) **METHODS AND SYSTEMS FOR PROVIDING AUXILIARY CONTENT DURING USER INTERACTIVITY WITH DIGITAL DATA OVER A NETWORK** 5,937,158 A 8/1999 Uranka 713/200
5,937,164 A 8/1999 Mages et al. 709/200

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JP 10-275114 10/1998

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(Continued)

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(21) Appl. No.: **11/361,121**

Chatani et al., "Method and System for Enabling Optional Customer Election of Auxiliary Content Provided on Detachable Local Storage Media During Access of Primary Content Over a Network and for Collecting Data Concerning Viewed Auxiliary Content", U.S. Appl. No. 09/452,811, filed Dec. 2, 1999.

(22) Filed: **Feb. 24, 2006**

(65) **Prior Publication Data**

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Primary Examiner—Kenny Lin

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Related U.S. Application Data

(63) Continuation of application No. 09/771,751, filed on Jan. 29, 2001, now Pat. No. 7,171,480.

(57) **ABSTRACT**

(51) **Int. Cl.**
G06F 15/16 (2006.01)

A method and system for presenting auxiliary content to a client during download of primary content from a server is provided. The system includes a server network including a server that manages primary content and a client computer connectable to the server. At the client computer, local storage for storing user information and auxiliary content is provided. In one example, the auxiliary content is stored in the local storage prior to download of the primary content from the download management server. The user information is communicated from the client computer to the server, and the user information is used to direct initial access to primary content. Then, specific portions of the auxiliary content stored in the local storage device is displayed at the client computer during download of the primary content.

(52) **U.S. Cl.** **709/229; 709/217; 705/14**

(58) **Field of Classification Search** **709/227, 709/229, 217; 705/14**

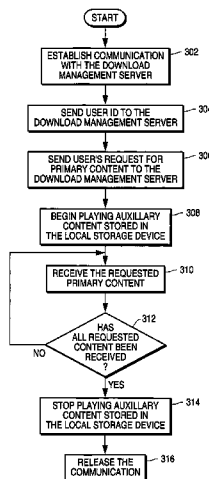
See application file for complete search history.

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14 Claims, 3 Drawing Sheets



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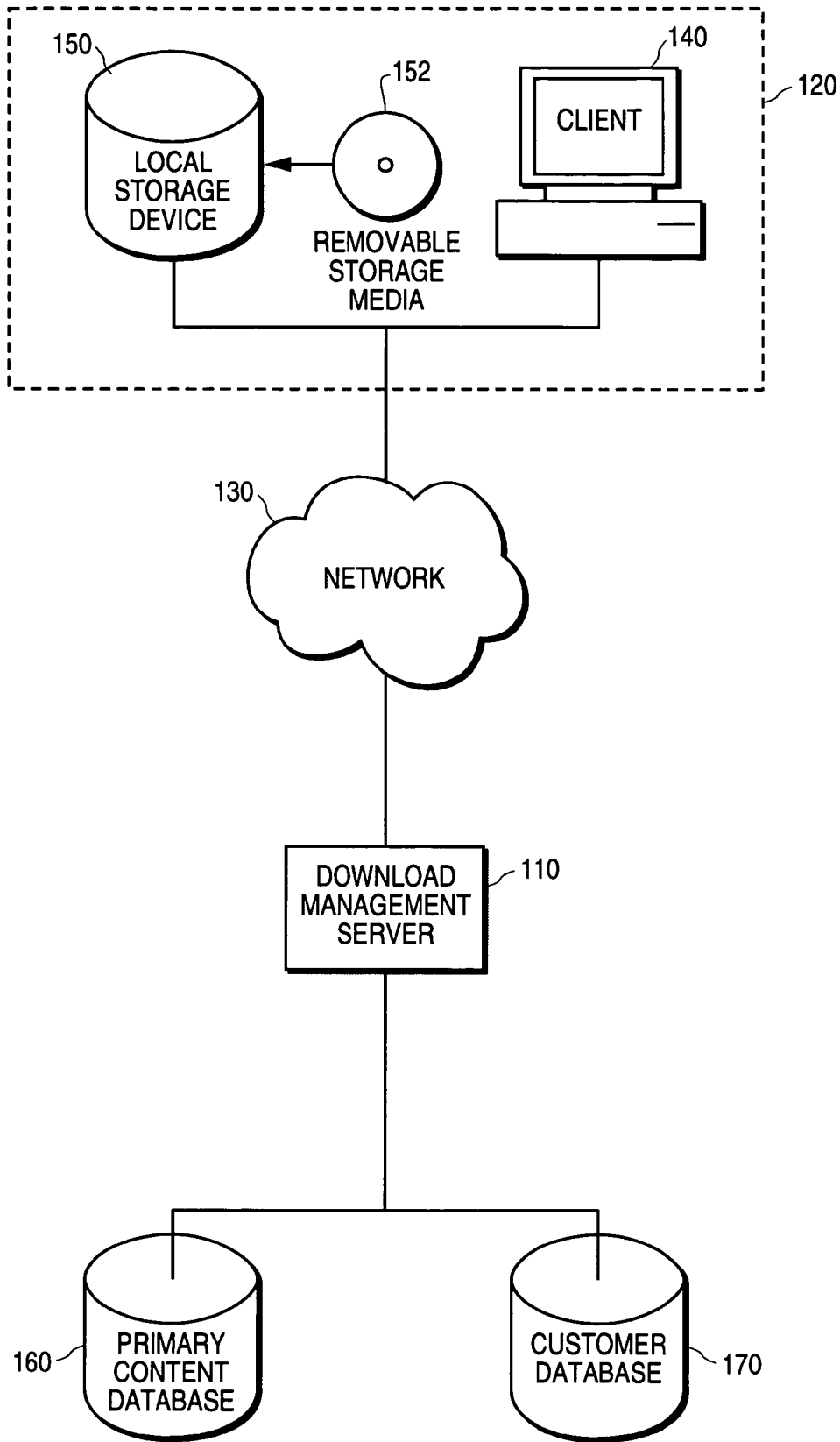


FIG. 1

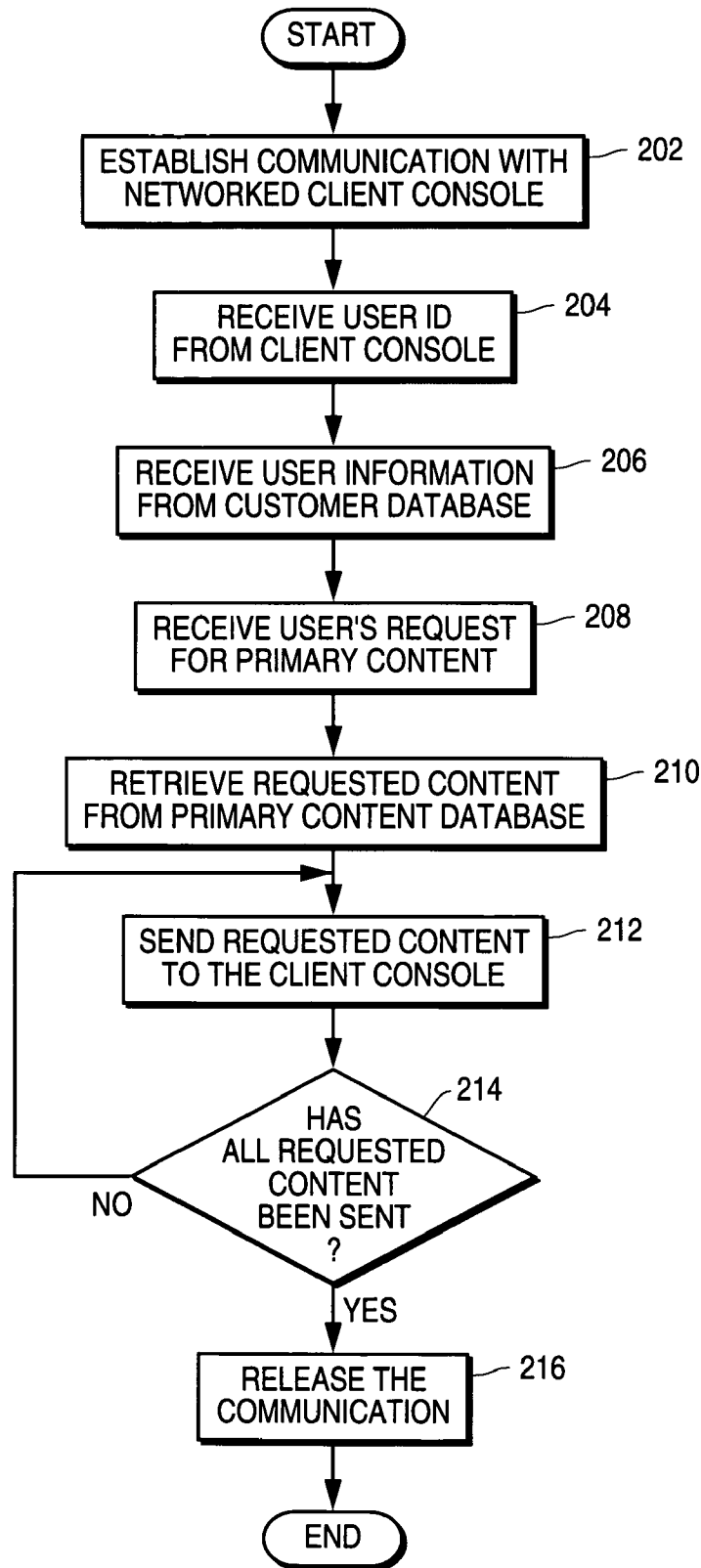


FIG. 2

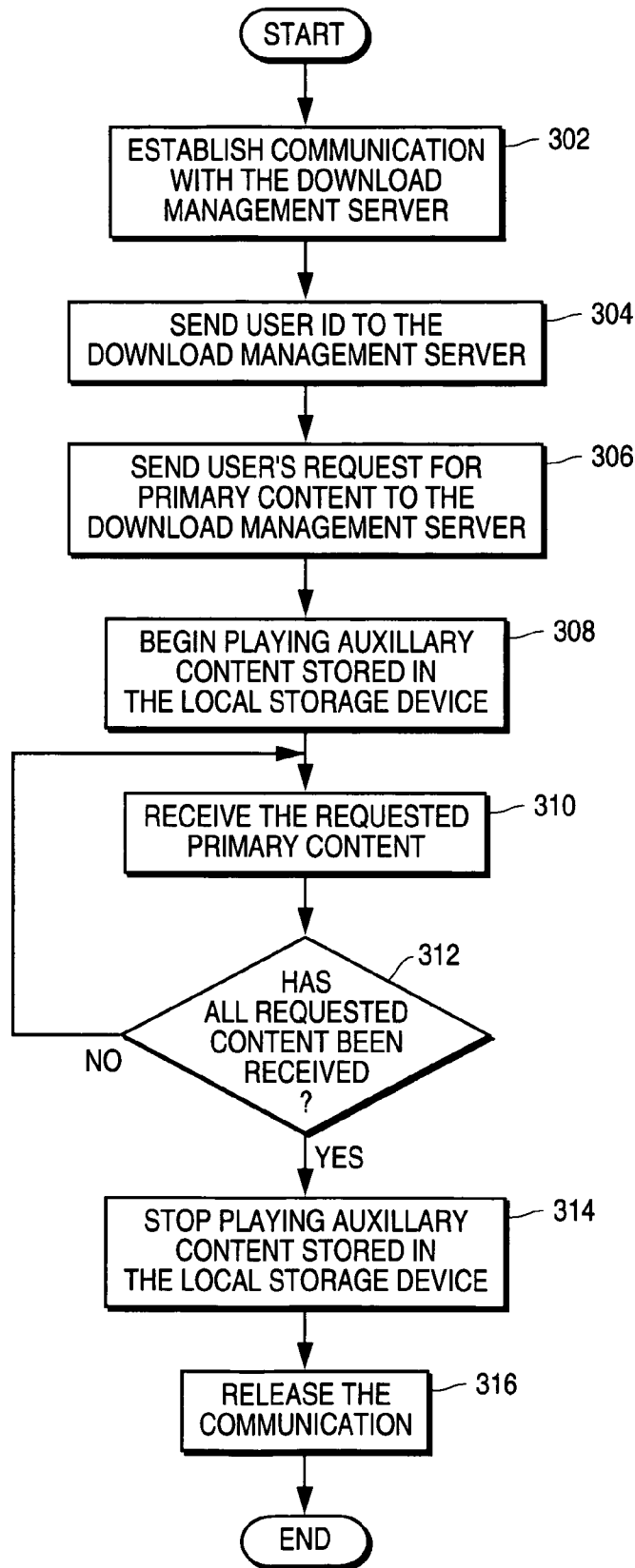


FIG. 2

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