US006182094B1

(12) **United States Patent**
Humpleman et al.

(10) **Patent No.: US 6,182,094 B1**
(45) **Date of Patent: Jan. 30, 2001**

(54) **PROGRAMMING TOOL FOR HOME NETWORKS WITH AN HTML PAGE FOR A PLURALITY OF HOME DEVICES**

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(73) Assignee: **Samsung Electronics Co., Ltd.**, Suwon (KR)

(*) Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

(21) Appl. No.: **09/104,606**

(22) Filed: **Jun. 24, 1998**

Related U.S. Application Data

(60) Provisional application No. 60/050,762, filed on Jun. 25, 1997, and provisional application No. 60/059,499, filed on Sep. 22, 1997.

(51) **Int. Cl.**[7] **G06F 17/30**

(52) **U.S. Cl.** **707/513**; 707/10; 707/104; 345/352; 709/218

(58) **Field of Search** 707/104, 10, 501, 707/513, 1–3; 709/217–218; 345/355–357, 352–354

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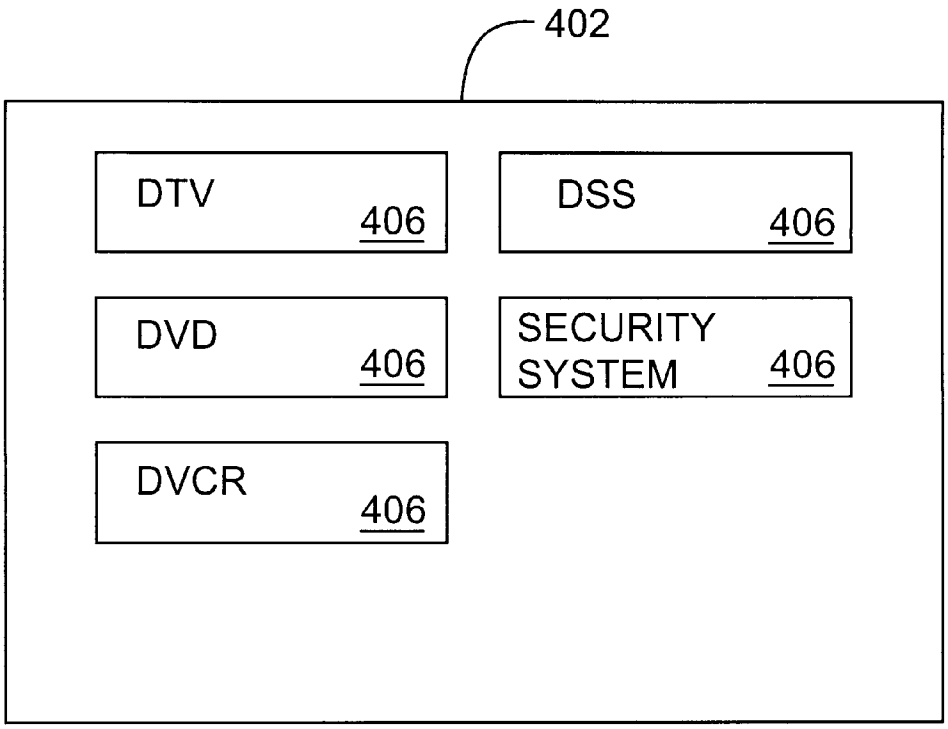
(74) *Attorney, Agent, or Firm*—Sherman & Sherman; Kenneth L. Sherman; Jeffrey P. Aiello

(57) **ABSTRACT**

A method and system for generating a program guide for a home network having at least one multi-media device connected thereto is provided. According to the method, multi-media material associated with a first home device is identified. An HTML page is generated, based on the identified multi-media material associated with the first home device. The HTML page is stored in an accessible area on the first home device. A second home device, which is browser based, may be connected to the home network to receive the HTML page and to render the HTML page, for display to a user.

17 Claims, 16 Drawing Sheets



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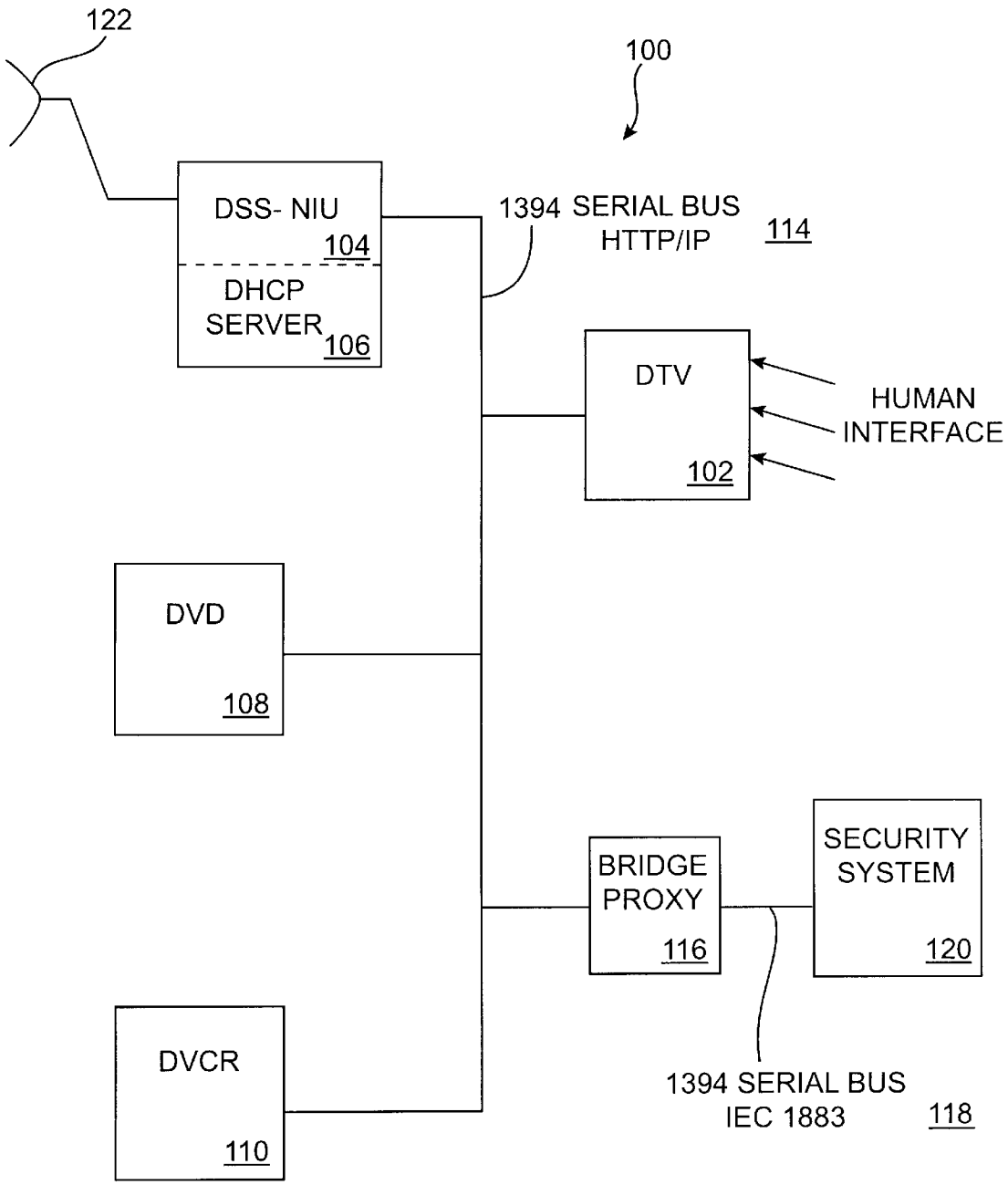

FIG. 1

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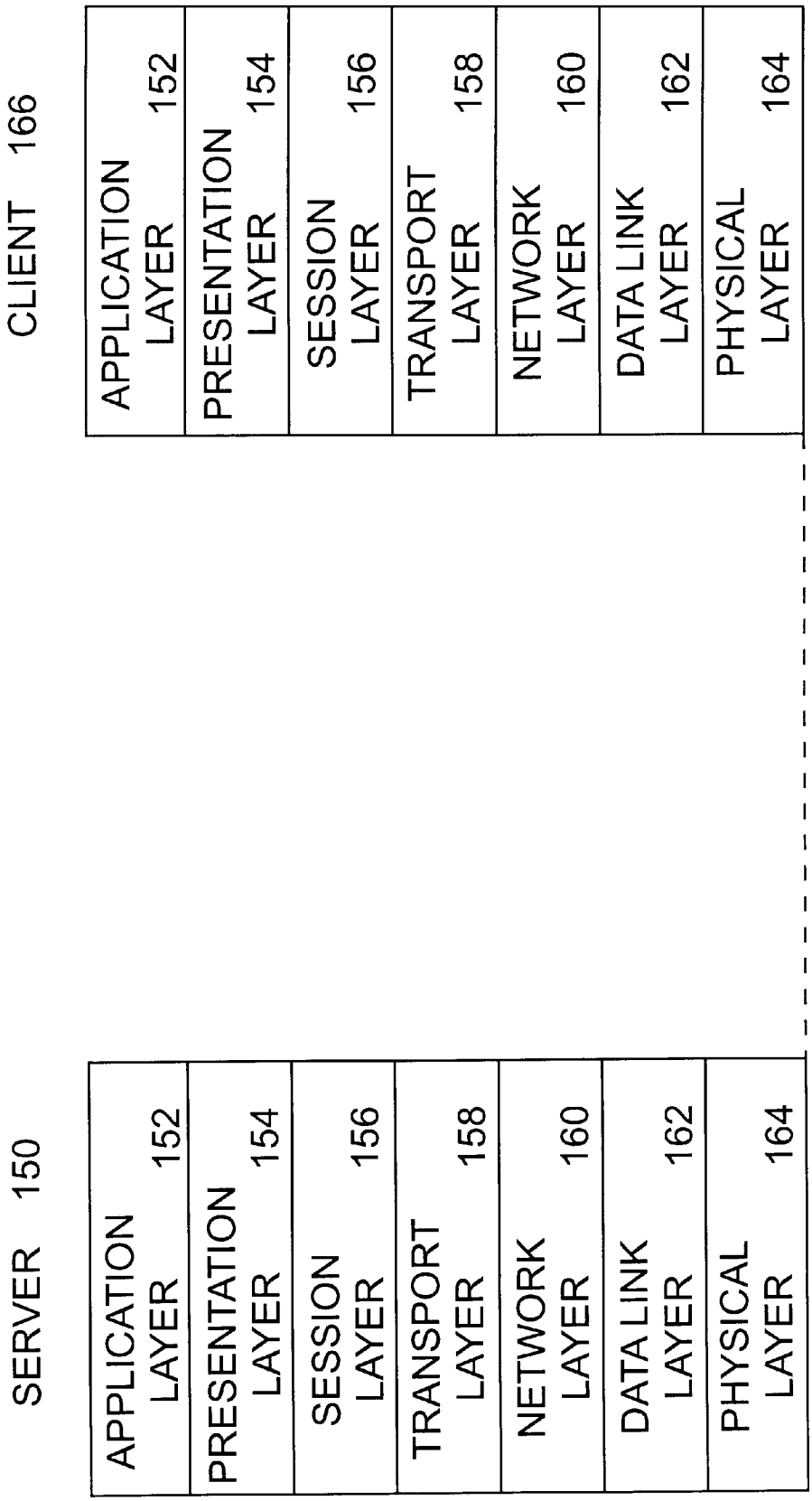

FIG. 2

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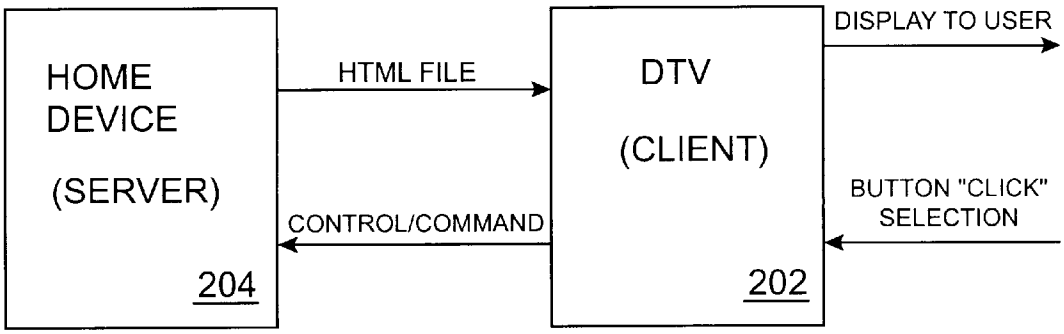

FIG. 3A

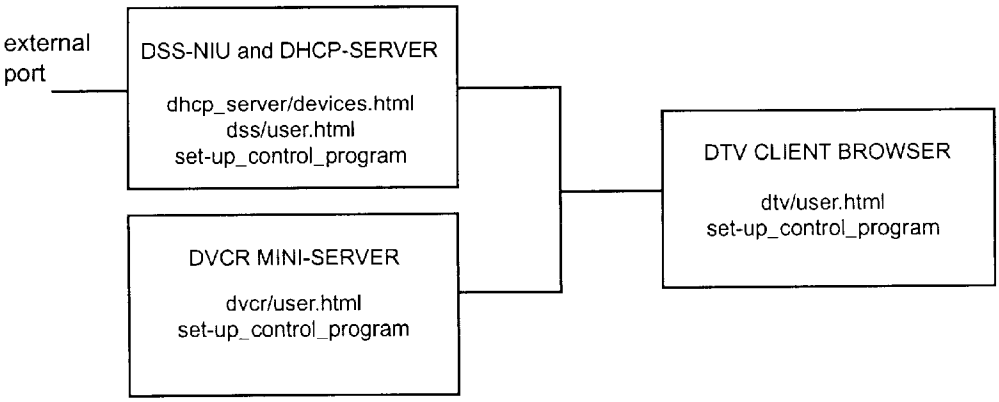

FIG. 3B

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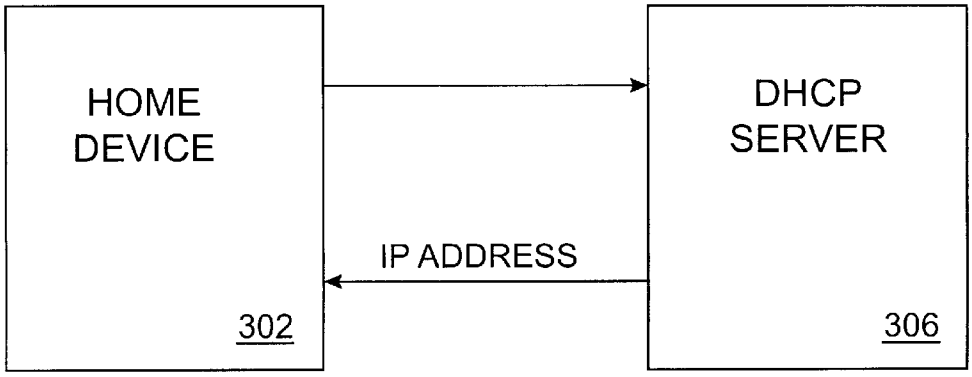

FIG. 4A

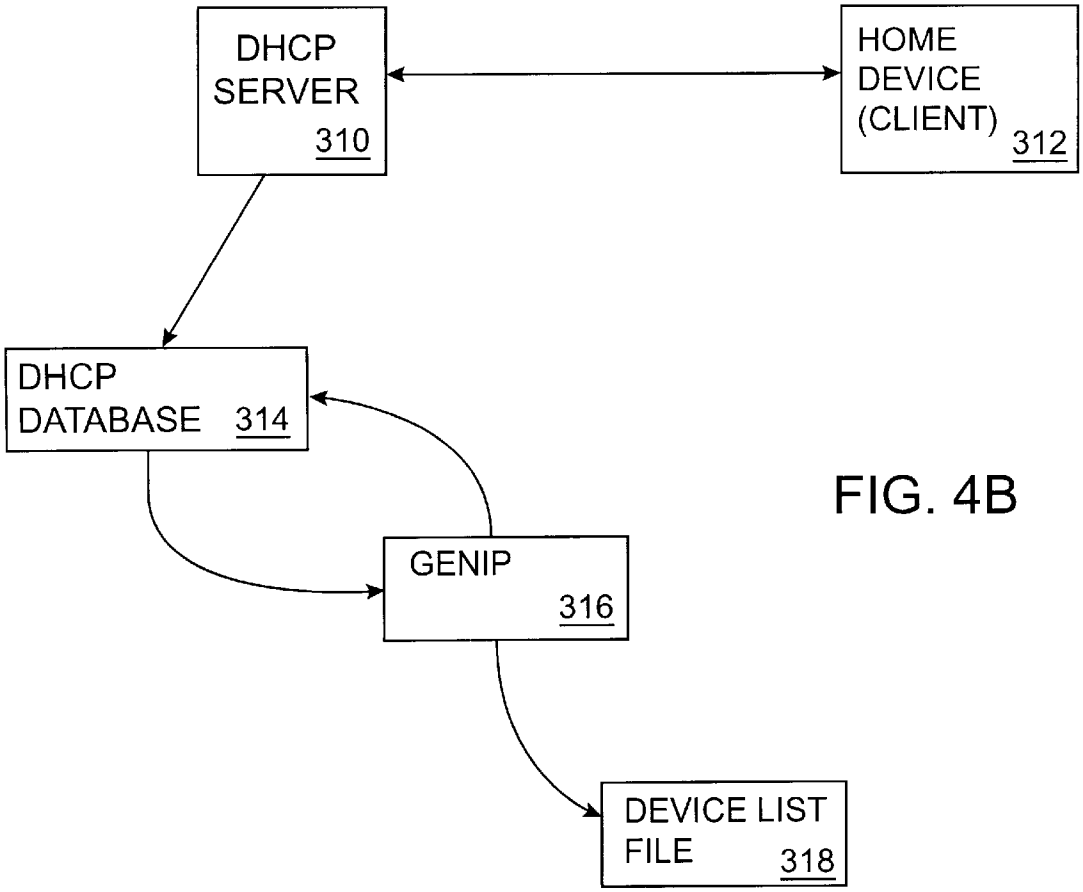

FIG. 4B

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