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Kanevsky

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(54) **DISPLAY SCREEN AND WINDOW SIZE RELATED WEB PAGE ADAPTATION SYSTEM**

(75) Inventor: **Dimitri Kanevsky**, Ossining, NY (US)

(73) Assignee: **International Business Machines Corporation**, Armonk, NY (US)

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(52) **U.S. Cl.** **345/333**; 345/346; 707/513
(58) **Field of Search** 345/333–335, 345/342, 346, 356; 707/501, 523, 513

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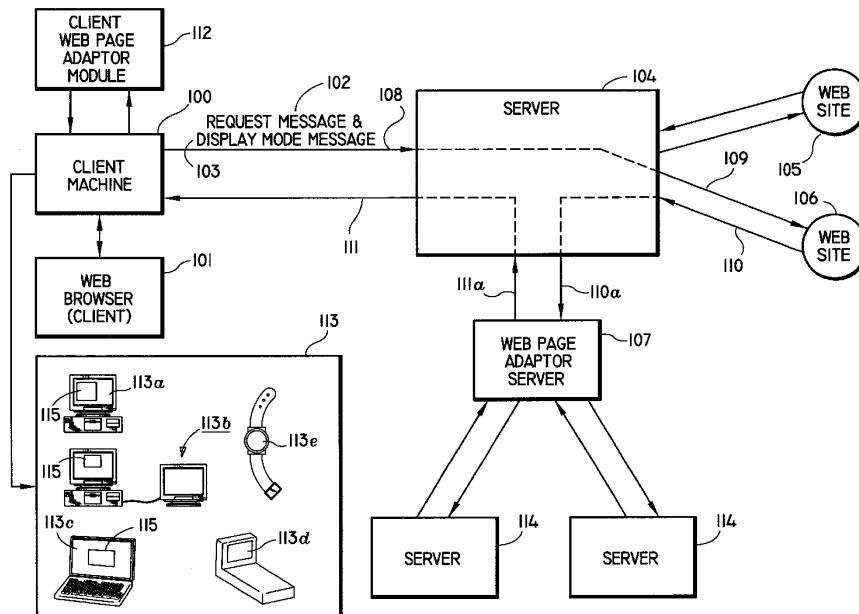|			
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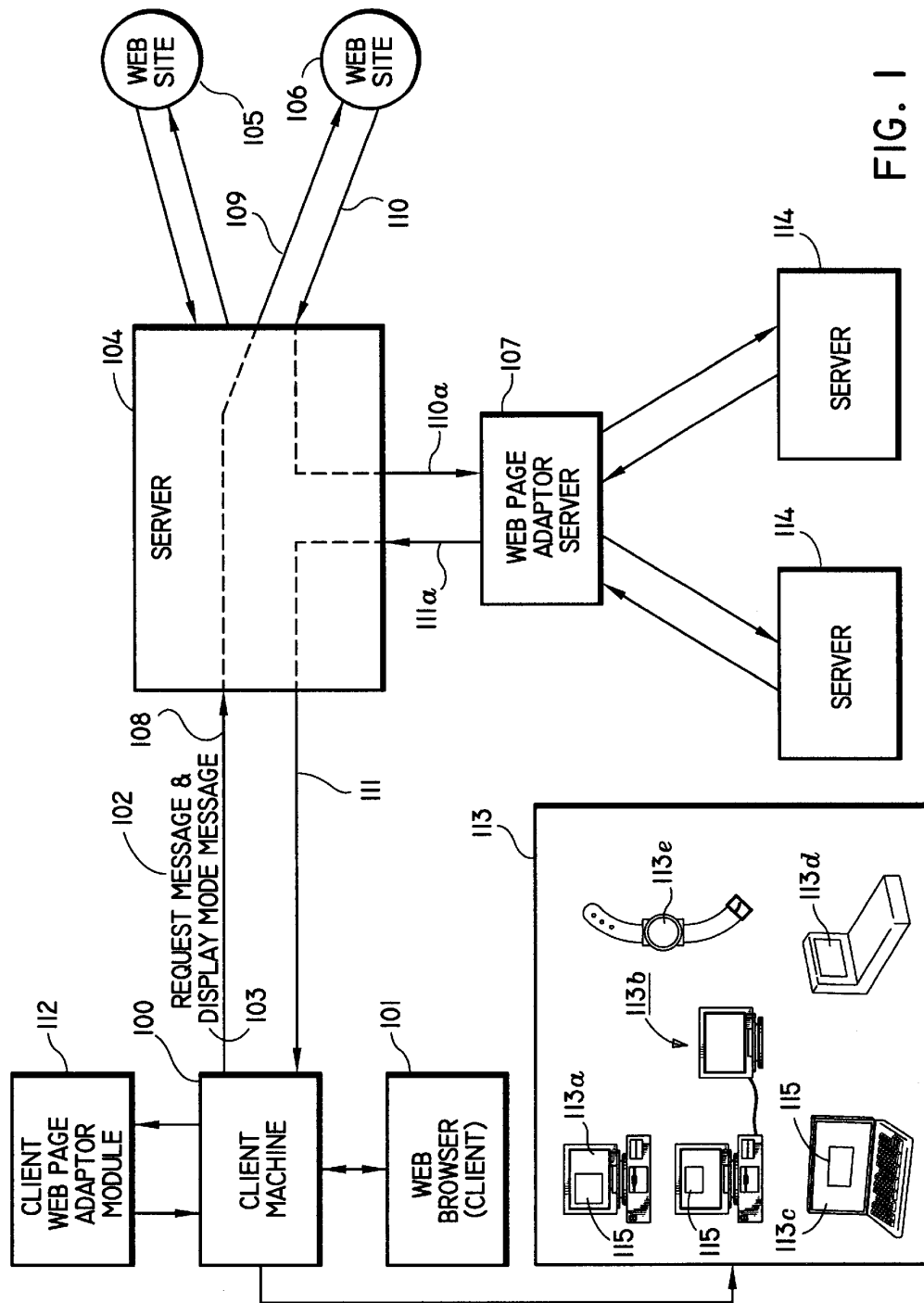Primary Examiner—Raymond J. Bayerl
Assistant Examiner—Sy D. Luu
(74) Attorney, Agent, or Firm—F. Chau & Associates, LLP

(57) **ABSTRACT**

A web page adaptation system and method provides organization of viewing material associated with web sites for visual displays and windows on which these home pages are being viewed. A different viewing-access strategy is provided for such visual devices varying, for example, from standard PC monitors, laptop screens and palmtops to web phone and digital camera displays and from large windows to small windows. A new web site design incorporates features that permit automatic display of the content of home pages in the most friendly manner for a user viewing this content from a screen or window of a certain size. For example, if a size of a display screen or window allows, links are displayed with some text or pictures to which they are linked. Conversely, if a size of a screen or window does not allow display of all textual and icon information on a whole screen or window, the home page is mapped into hierarchically linked new smaller pages that fully fit the current display or window. The unique display strategy of the invention is provided by a web page adaptation scheme that is implemented on a web site server or is incorporated in a web browser (e.g., as a java applet) or both. This adaptation strategy employs variables that provide size of screen and/or window information from which a call to a web site was initiated.
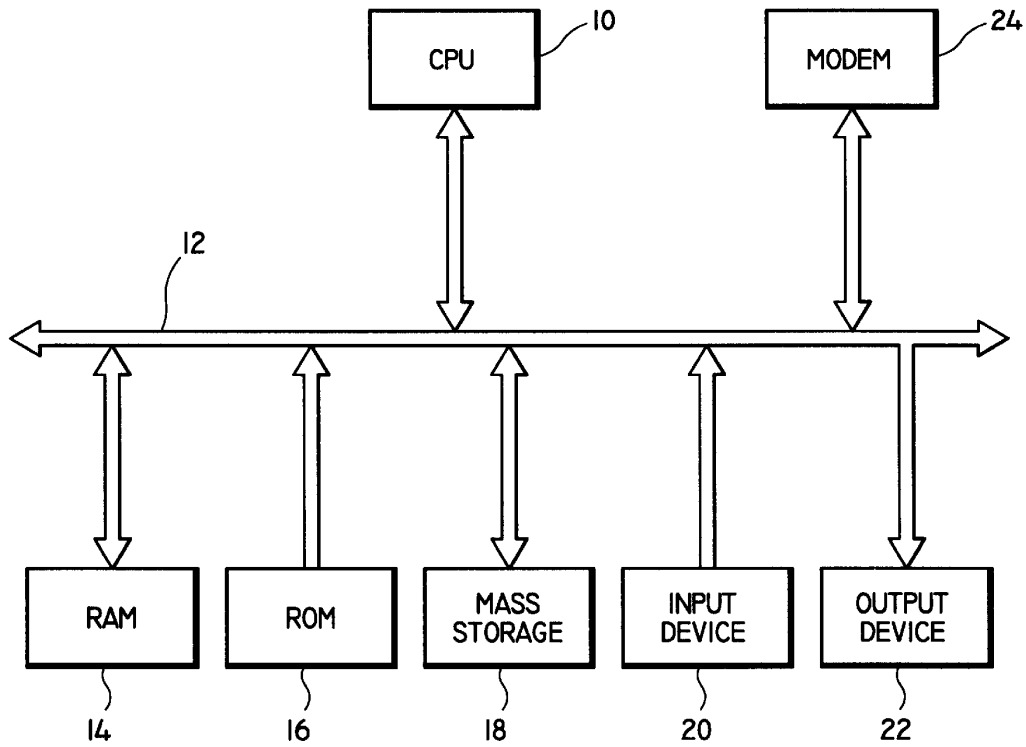
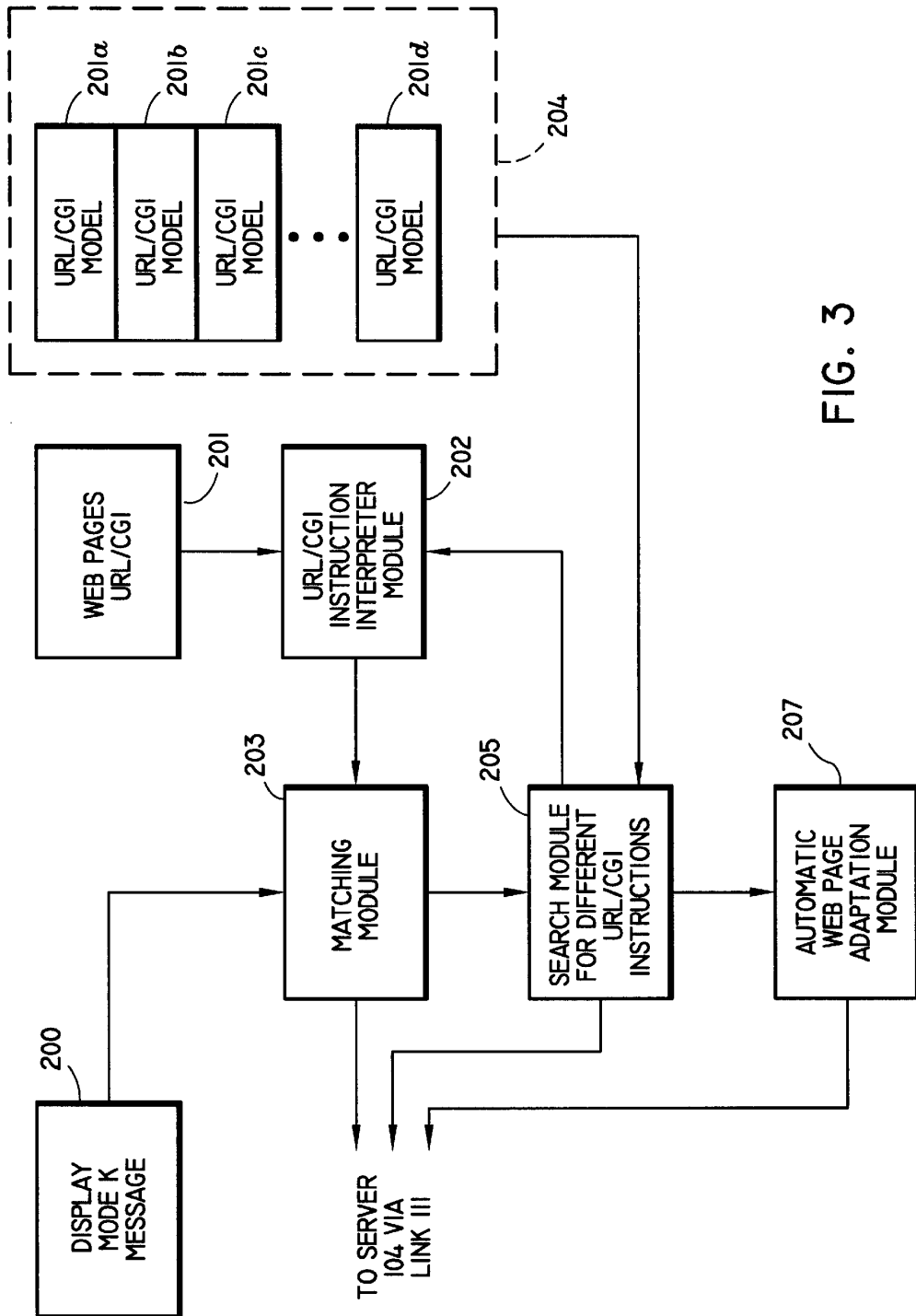**28 Claims, 16 Drawing Sheets**

FIG. I

FIG. 2

FIG. 3

FIG. 4

DOCKET ALARM
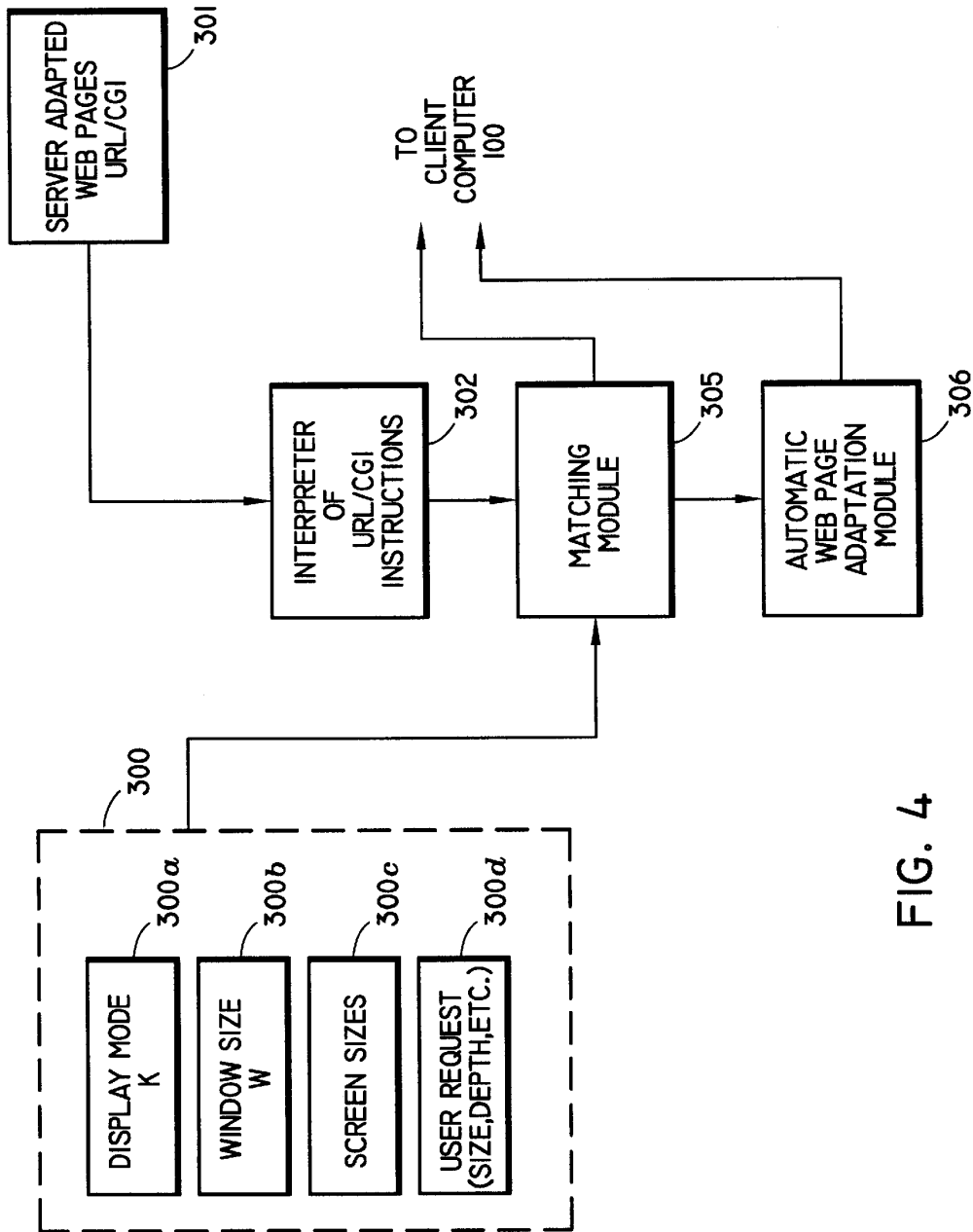
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