



[54] **CUSTOMIZATION OF WEB PAGES BASED ON REQUESTER TYPE**

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[51] **Int. Cl.⁷** **G06F 15/16**

[52] **U.S. Cl.** **709/217; 709/246; 709/219; 707/104**

[58] **Field of Search** **709/217, 203, 709/219, 206, 246; 707/104, 205, 100, 101, 103**

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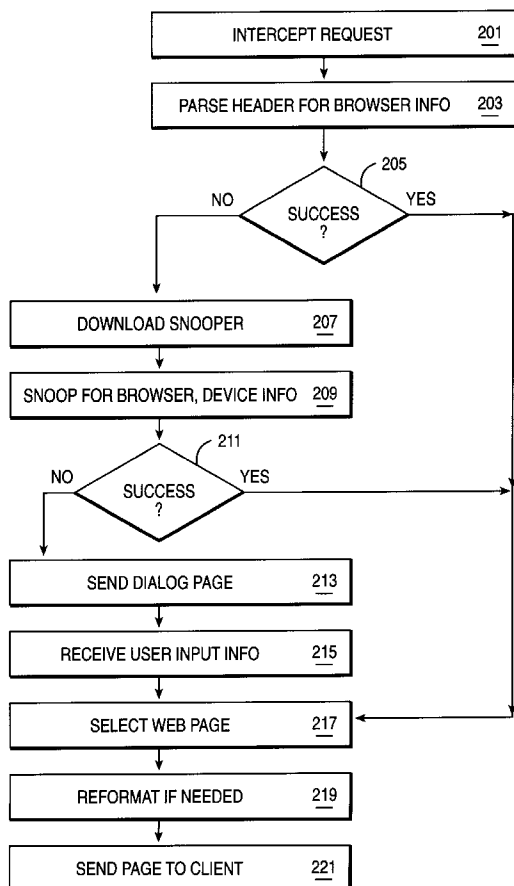
Digestor: Device-Independent Access To The World Wide Web, Timothy W. Bickmore and Bill N. Schilit. pp. 1-8, 1997.

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Assistant Examiner—Chuong Ho
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[57] **ABSTRACT**

Customized Internet content is provided to a requesting client device using an intercepting agent based on the capabilities of the requesting client. The agent, typically at the web server to which the client request is directed intercepts a request made by a requesting client device for a file from a web server. The agent detects client device capability information about the requesting client device, such as display or memory capabilities. The client request is redirected to a Uniform Resource Locator (URL) according to the detected client device capability information to retrieve a version of the requested file.

25 Claims, 5 Drawing Sheets



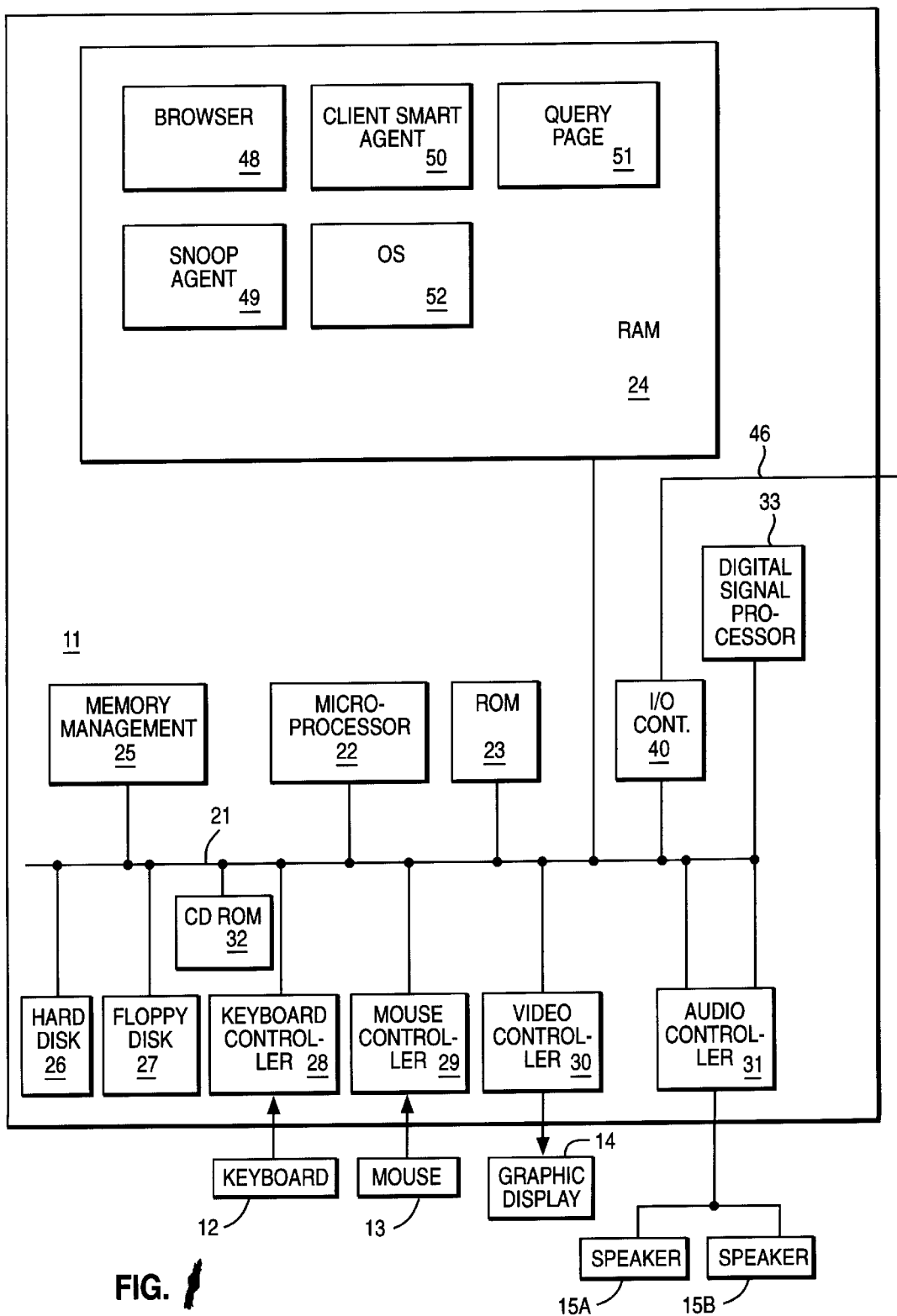


FIG. 1

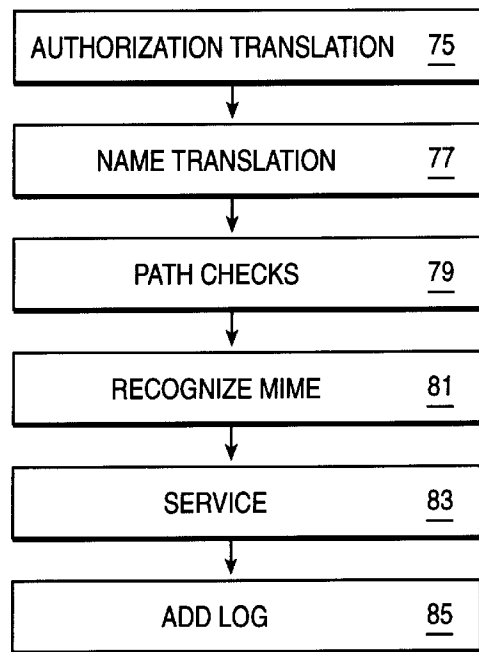


FIG. 2

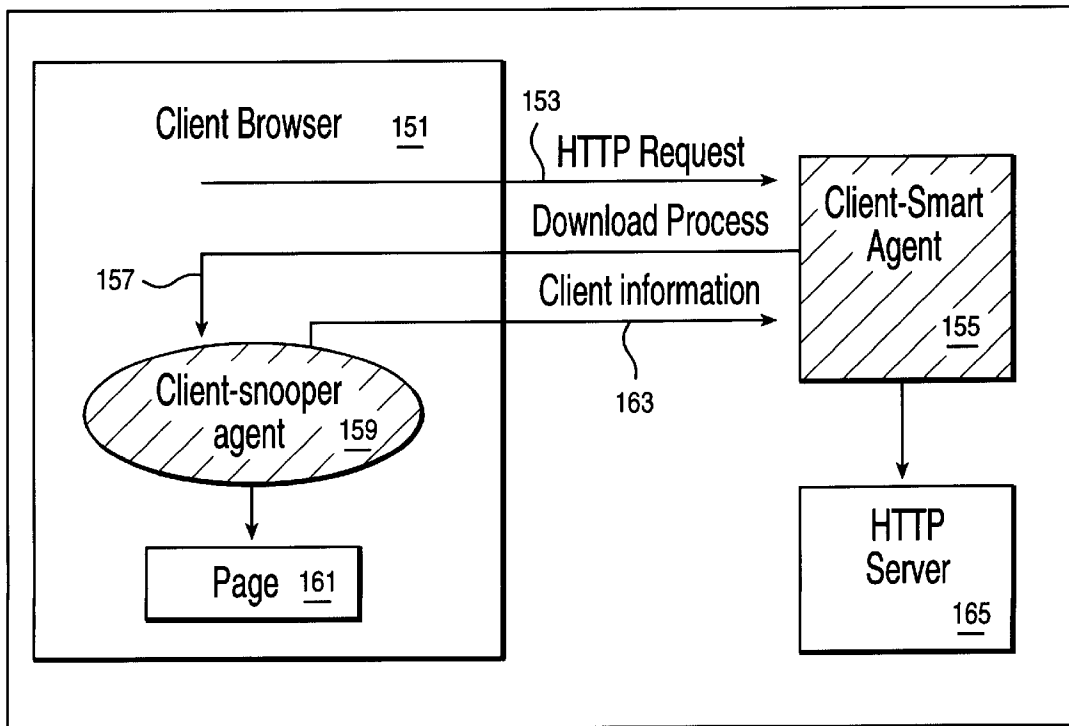


FIG. 4

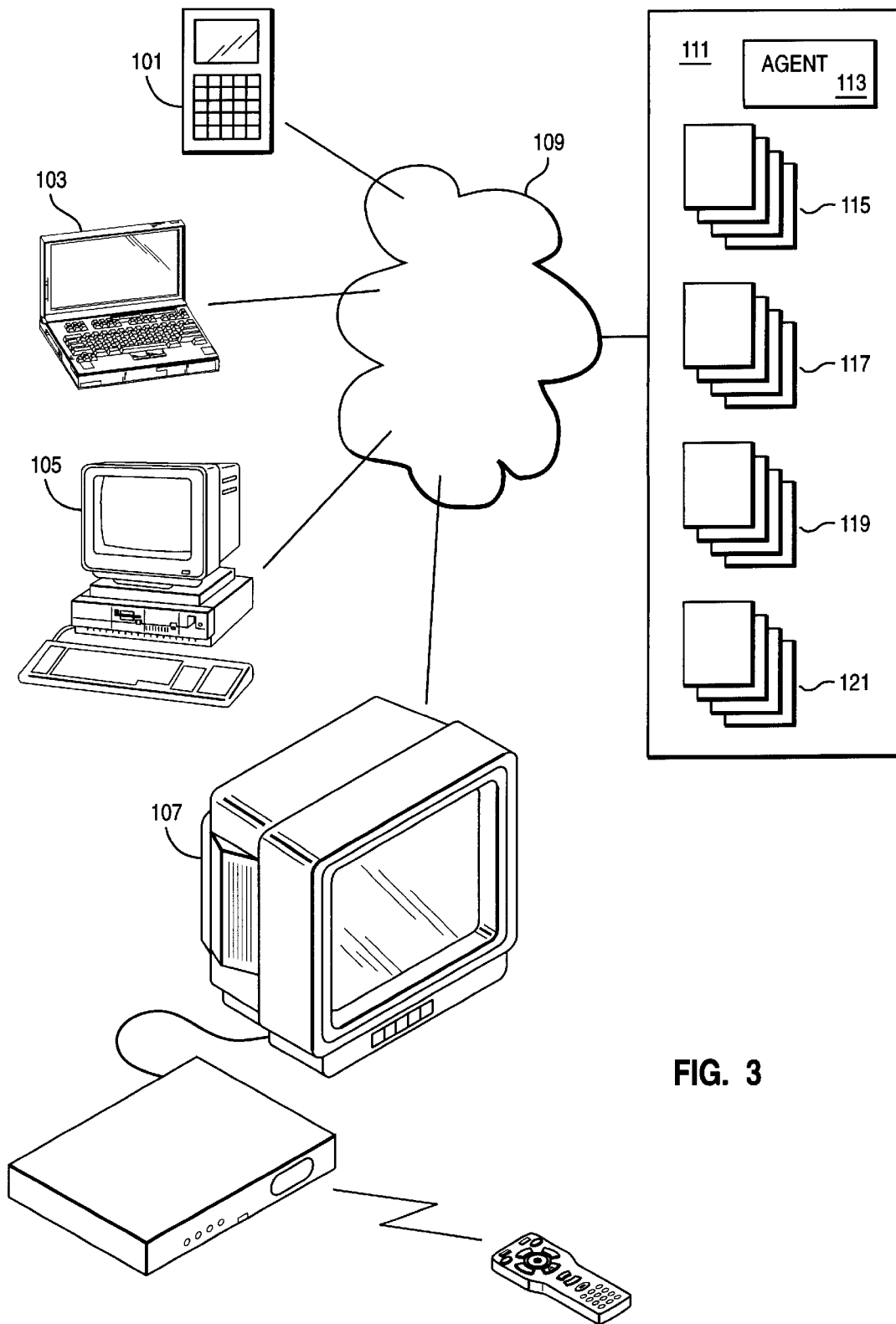


FIG. 3

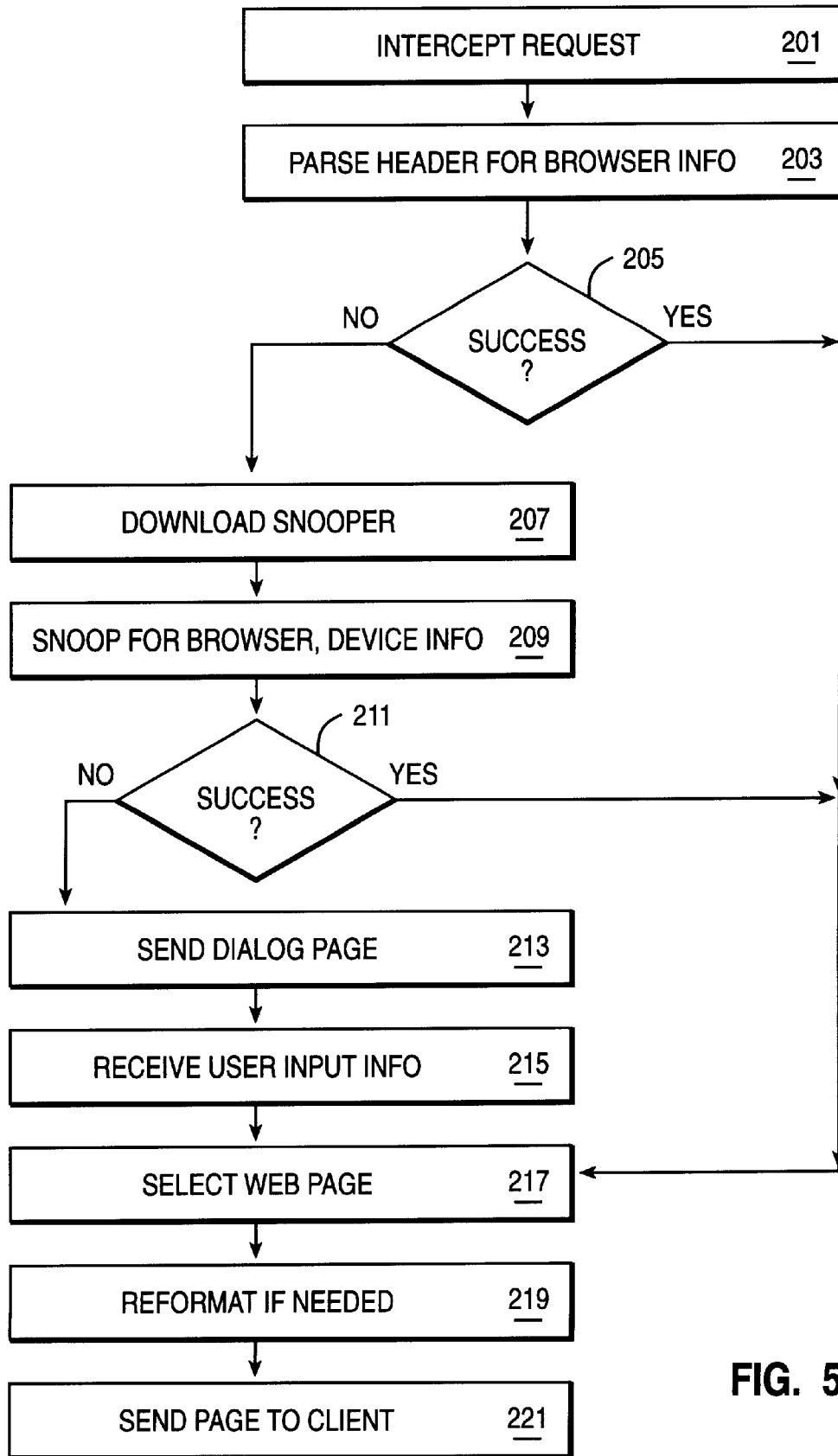


FIG. 5

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