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# United States Patent [19]

Cirasole et al.

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[45] **Date of Patent:** **Nov. 16, 1999**

[54] **METHOD AND SYSTEM FOR CONTENT FILTERING INFORMATION RETRIEVED FROM AN INTERNET COMPUTER NETWORK**

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[73] Assignee: **Bascom Global Internet Services, Inc.**, Farmingdale, N.Y.

[21] Appl. No.: **08/820,955**

[22] Filed: **Mar. 19, 1997**

[51] Int. Cl.<sup>6</sup> ..... **H04L 9/00**

[52] U.S. Cl. .... **713/200**; 713/201; 713/202

[58] Field of Search ..... 395/186, 187.01, 395/188.01, 200.59, 200.33, 200.49, 200.58; 713/200, 201, 202

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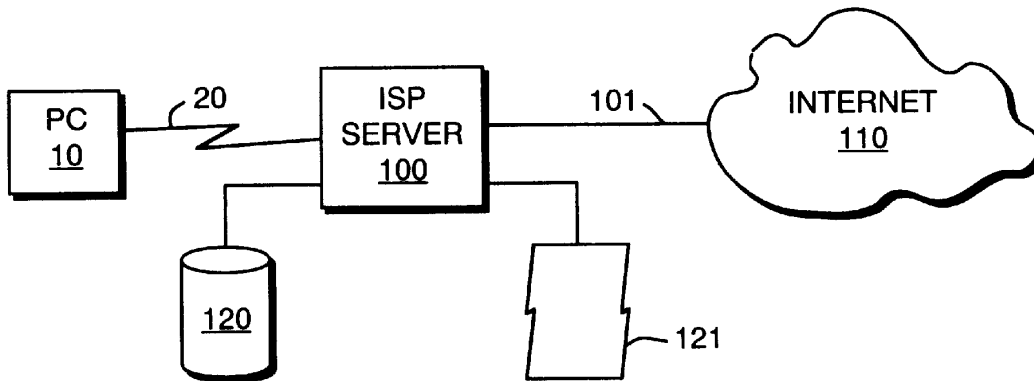
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[57] **ABSTRACT**

A method and system for filtering Internet content retrieved from an Internet computer network (110) by a remote Internet Service Provider (“ISP”) server (100) and forwarded to a local client computer (10). The method and system matches at least one filtering scheme (121), such as an inclusive or exclusive filter, and at least one set of filtering elements (120), such as a list of allowed or excluded sites, to each Internet access request generated at the local client computer (10). The filtering scheme is implemented on the ISP server (100).

**25 Claims, 6 Drawing Sheets**



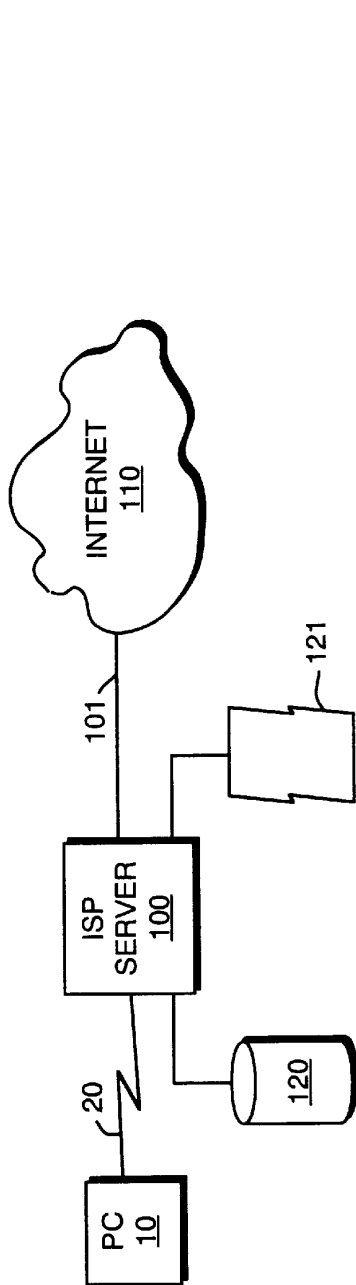


FIG. 1

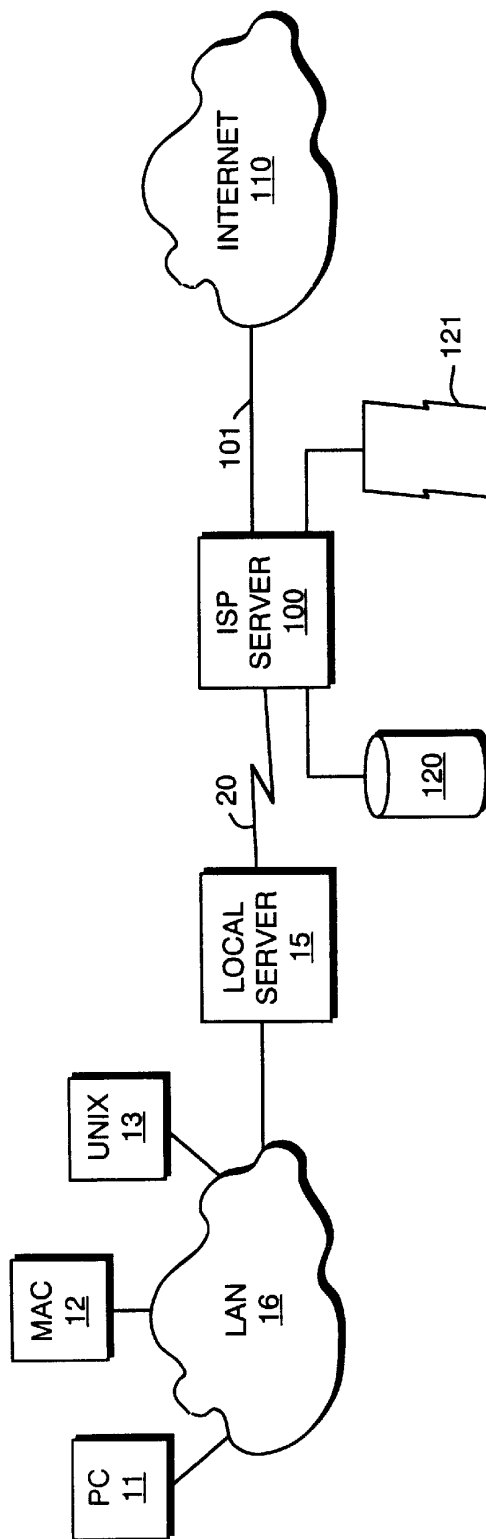


FIG. 2

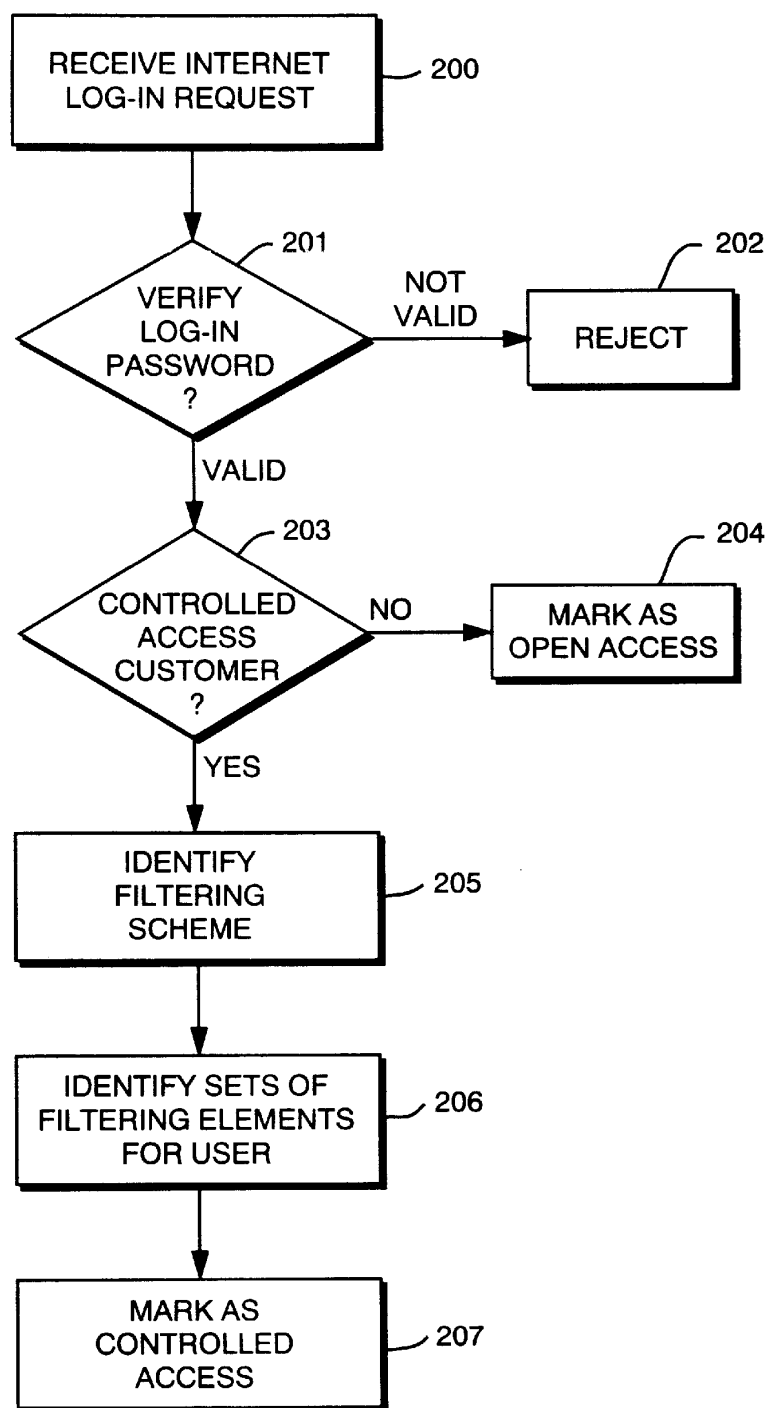


FIG. 3

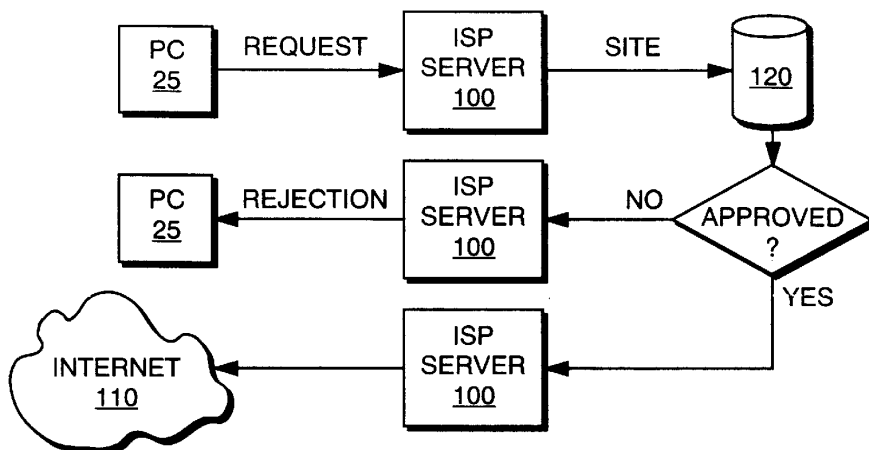


FIG. 4

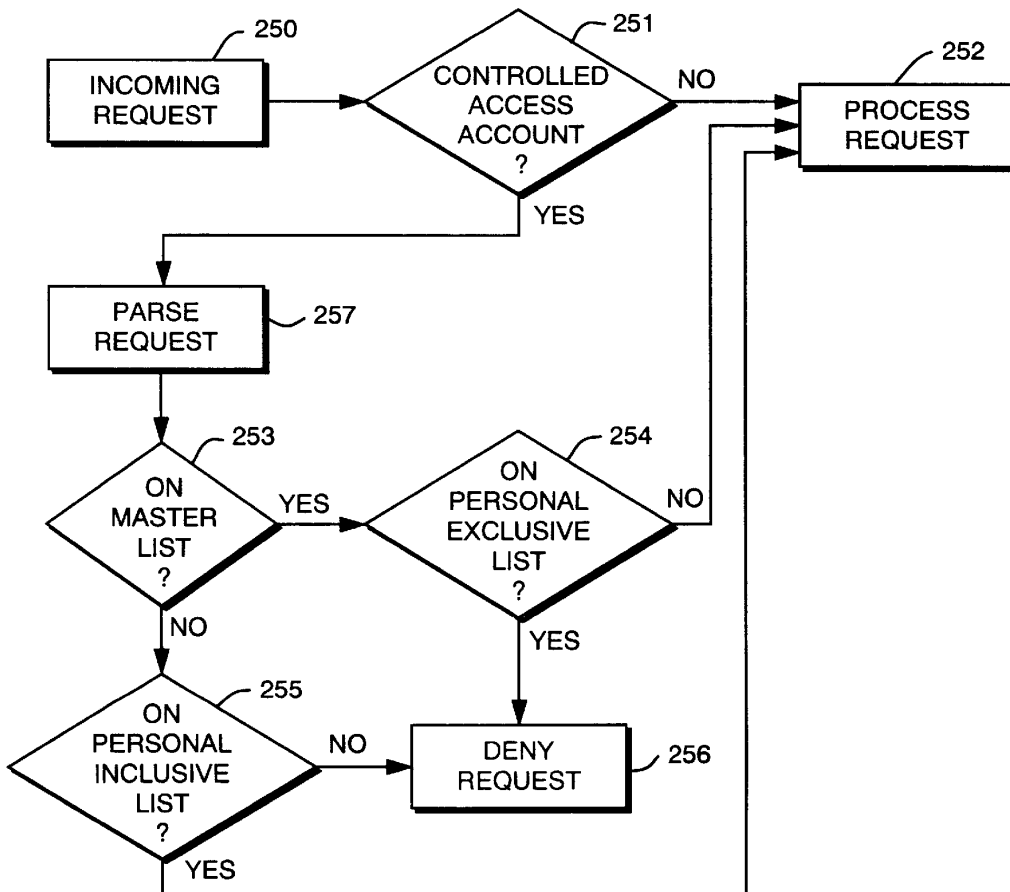


FIG. 6

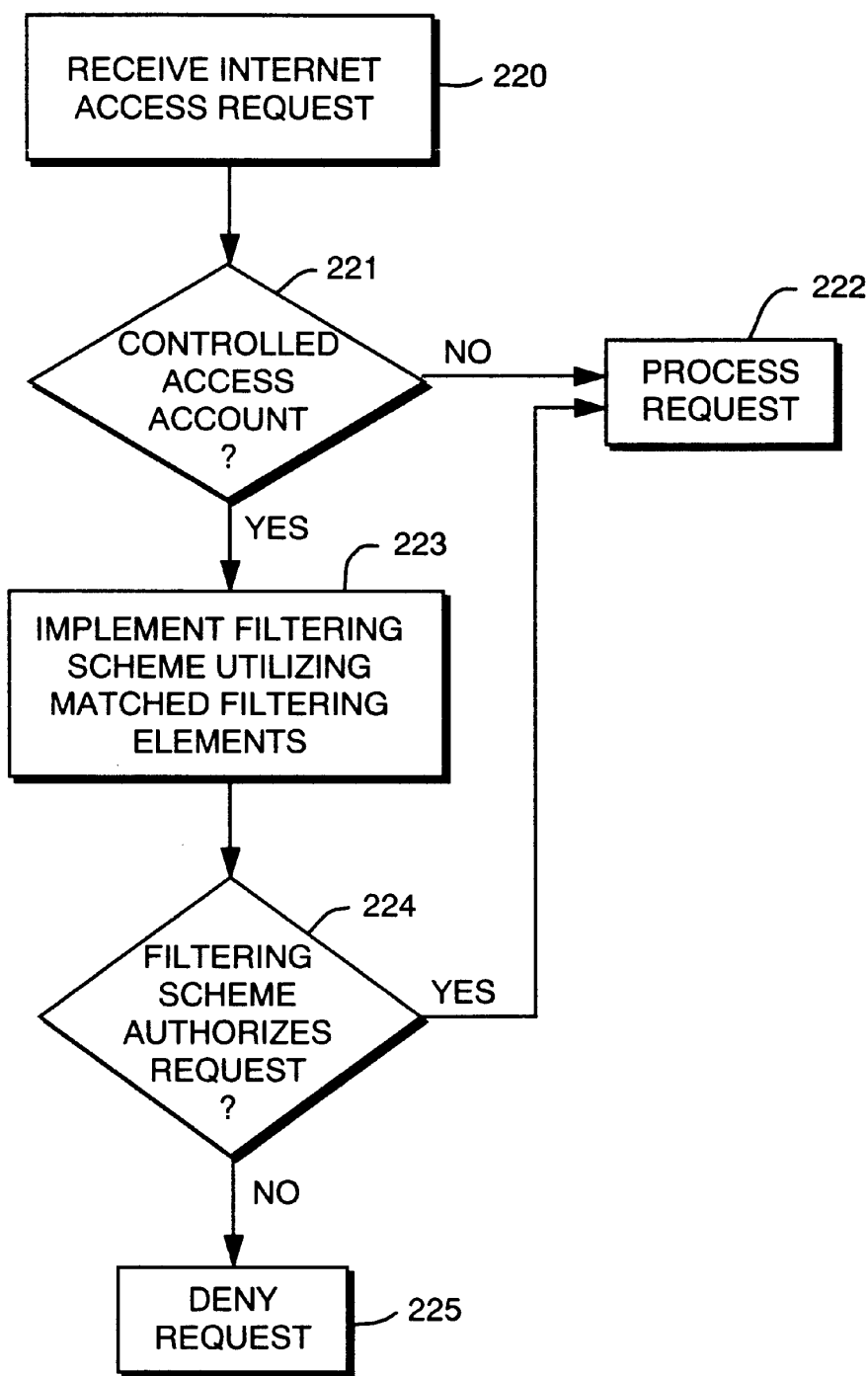


FIG. 5

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