

Exhibit A

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

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(54) **METHOD FOR PRESENTING ADVERTISING IN AN INTERACTIVE SERVICE**

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

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Related U.S. Application Data

(60) Division of application No. 07/388,156, filed on Jul. 28, 1989, now Pat. No. 5,347,632, which is a continuation-in-part of application No. 07/328,790, filed on Mar. 23, 1989, now abandoned, which is a continuation-in-part of application No. 07/219,931, filed on Jul. 15, 1988, now abandoned.

(51) **Int. Cl.**
G06Q 30/00 (2006.01)

(52) **U.S. Cl.** **705/14**

(58) **Field of Classification Search** 364/401; 395/600, 144, 153, 200, 250, 201, 207, 210, 395/214, 611, 613, 614, 615, 762, 779, 782, 395/133, 135, 507, 327, 339, 340, 343, 346, 395/200.09, 445, 460

See application file for complete search history.

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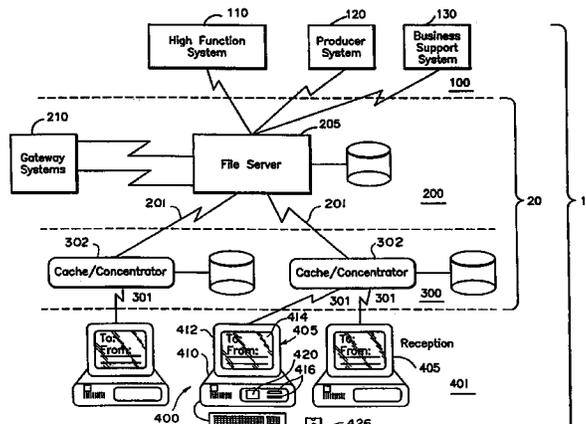
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(57) **ABSTRACT**

A method for presenting advertising in an interactive service provided on a computer network, the service featuring applications which include pre-created, interactive text/graphic sessions is described. The method features steps for presenting advertising concurrently with service applications at the user terminal configured as a reception system. In accordance with the method, the advertising is structured in a manner comparable to the service applications enabling the applications to be presented at a first portion of a display associated with the reception system and the advertising presented at a second portion. Further, steps are provided for storing and managing advertising at the user reception system so that advertising can be pre-fetched from the network and staged in anticipation of being called for presentation. This minimizes the potential for communication line interference between application and advertising traffic and makes the advertising available at the reception system so as not to delay presentation of the service applications. Yet further the method features steps for individualizing the advertising supplied to enhance potential user interest by providing advertising based on a characterization of the user as defined by the users interaction with the service, user demographics and geographical location. Yet additionally, advertising is provided with transactional facilities so that users can interact with it.

25 Claims, 16 Drawing Sheets



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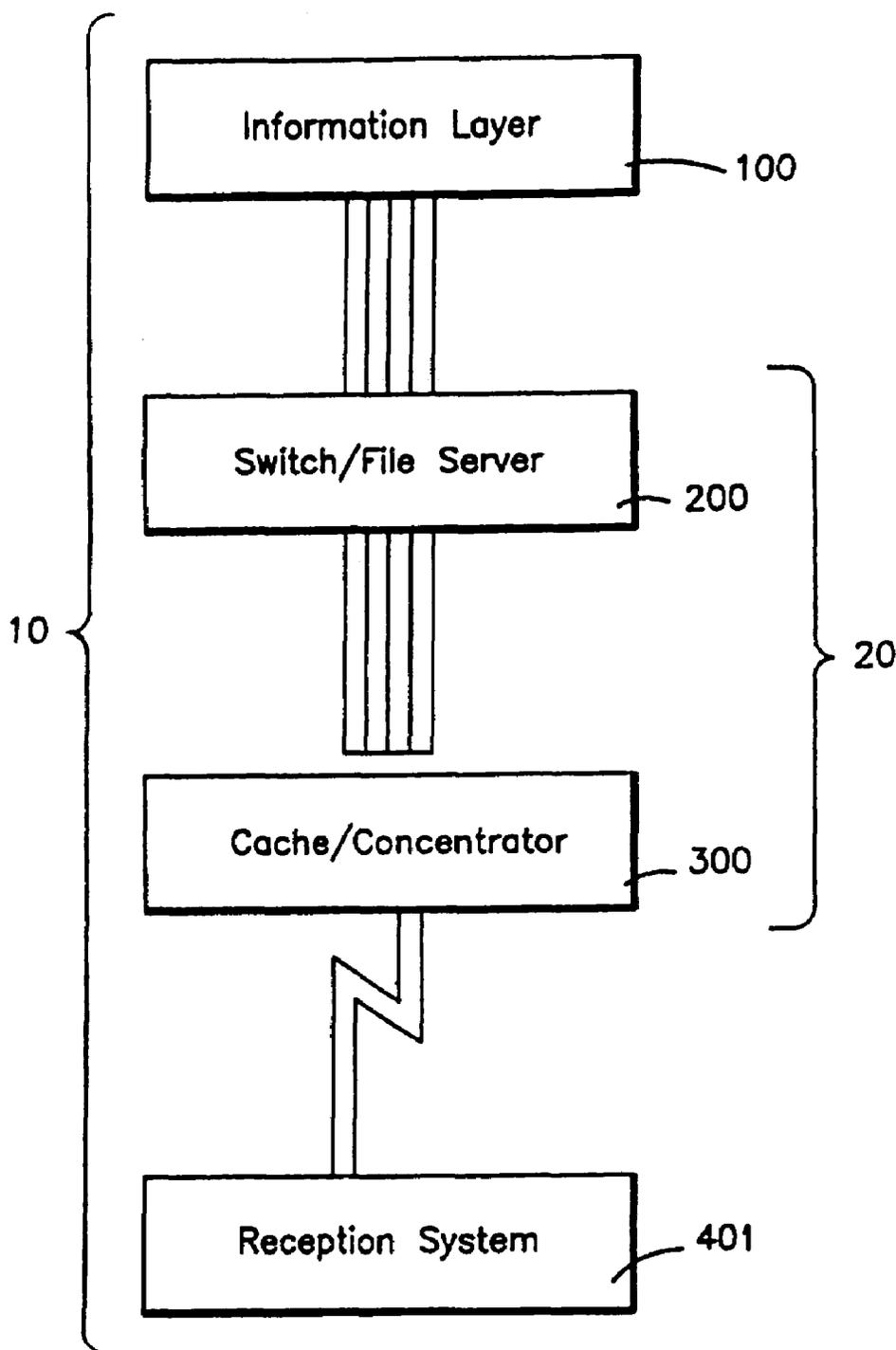


FIG. 1

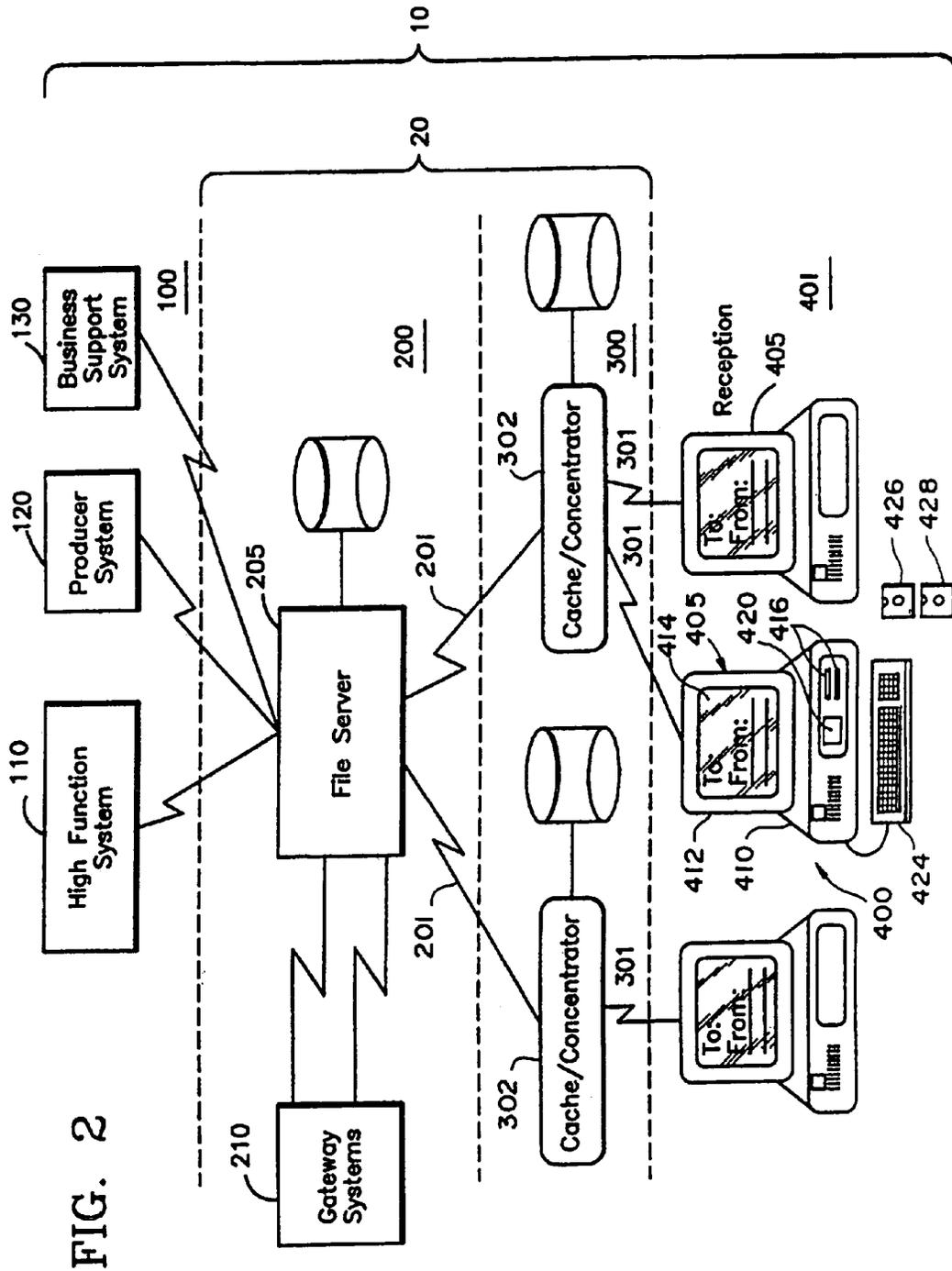


FIG. 2

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