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Kilgore et al.

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(54) **SYSTEM AND METHOD FOR DYNAMICALLY ADJUSTING DATA VALUES IN RESPONSE TO REMOTE USER INPUT**

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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.

This patent is subject to a terminal disclaimer.

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(51) Int. Cl.^{7} **G06F 7/00**; G06F 3/00
(52) U.S. Cl. **707/104.1**; 715/744
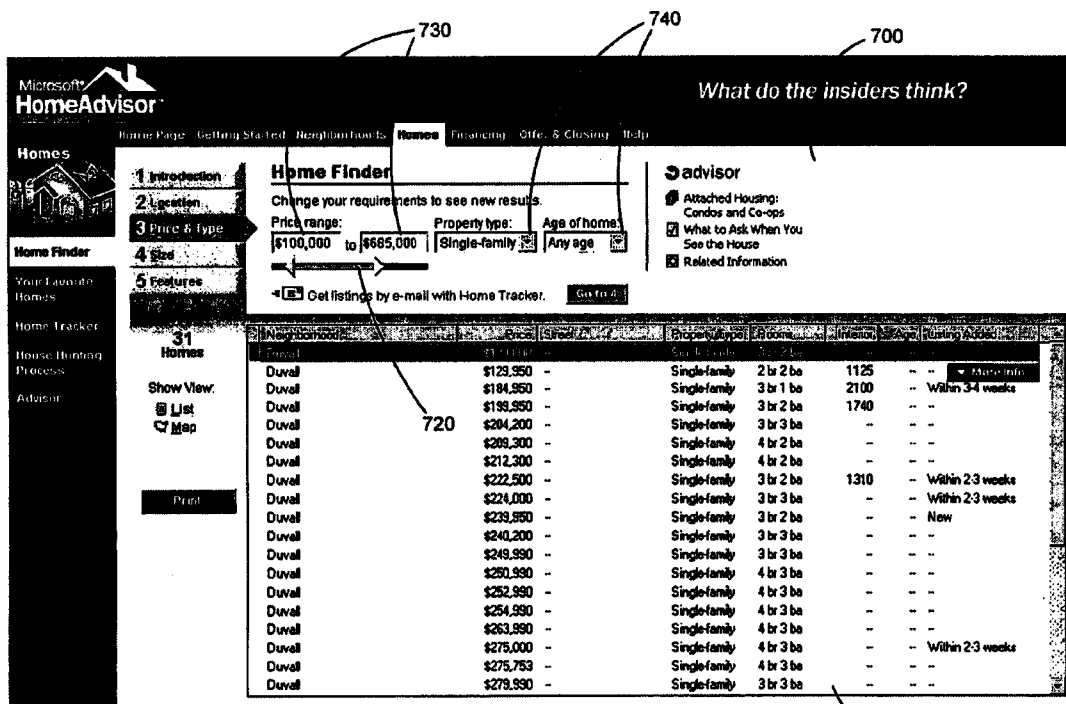(58) Field of Search .... 715/744; 705/1–3, 705/36, 27; 709/200, 203; 703/6; 341/20–27; 345/145, 163, 167; 434/307 R

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(57) **ABSTRACT**

The present invention is embodied in a system and method for dynamically adjusting data values in response to remote user input to provide the remote user with real time interaction of the data values. First, a user requests information from a remote computer and then results of the requested information are collected at a host computer. Second, the results of the request are transmitted in a hidden format from the host to the remote computer. Third, the results are remotely processed in response to user input. Last, the processed results are dynamically displayed. Client-side processing is preferably used instead of server-side processing to enable the user to quickly access and adjust information dynamically and in real time without server delays.

19 Claims, 7 Drawing Sheets

FIG. 1

FIG. 2

COLLECT AND PROCESSES DATA ON A SERVER TO PRODUCE RESULTS IN RESPONSE TO A REQUEST FOR INFORMATION FROM A CLIENT

300

TRANSMIT RESULTS TO CLIENT

310

PROVIDE USER WITH INTERFACE TOOLS FOR CONDUCTING REAL TIME INTERACTION OF THE RESULTS

312

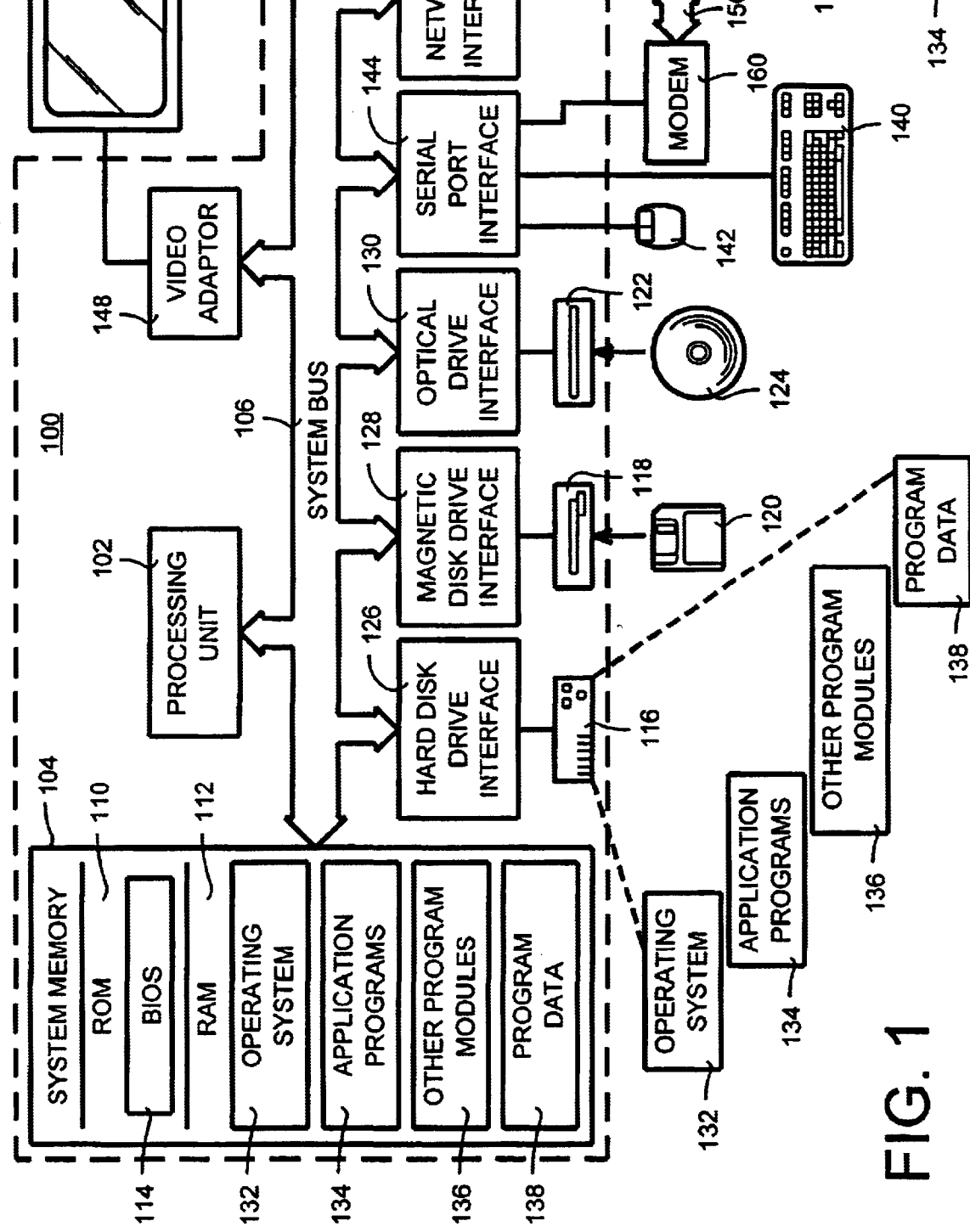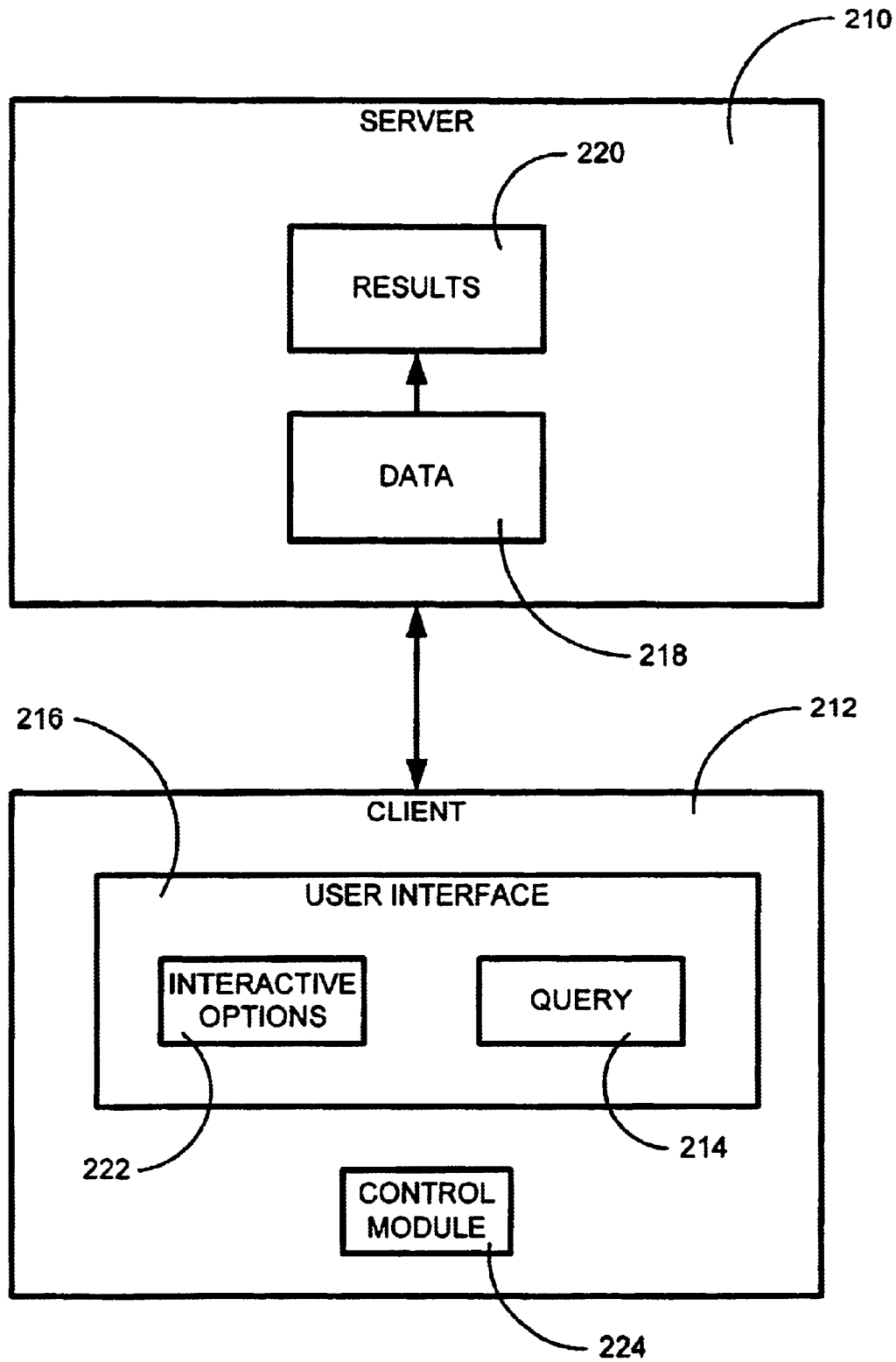ADJUSTMENTS OF THE RESULTS BY THE USER ARE DISPLAYED ON THE USER INTERFACE OF THE CLIENT IN REAL TIME
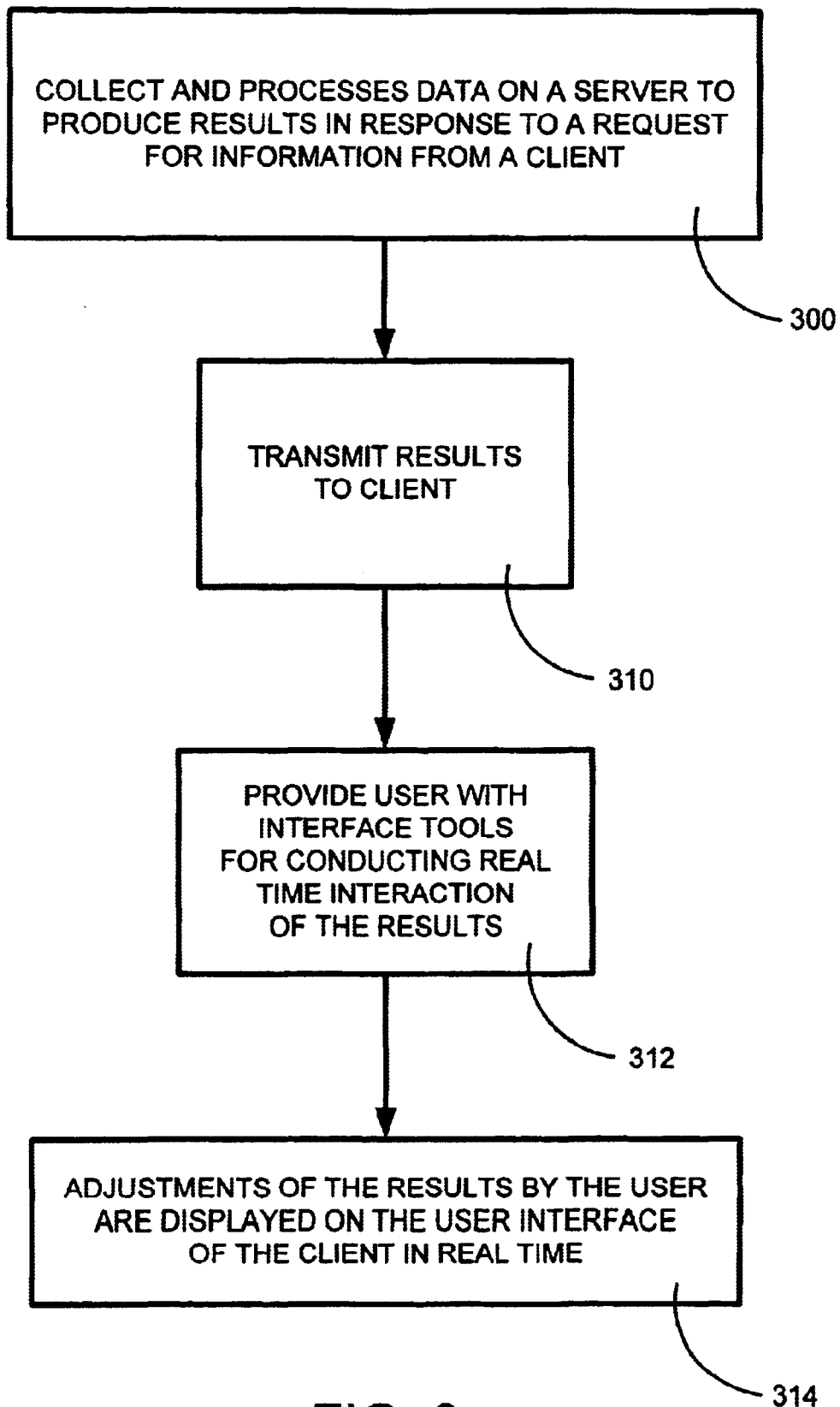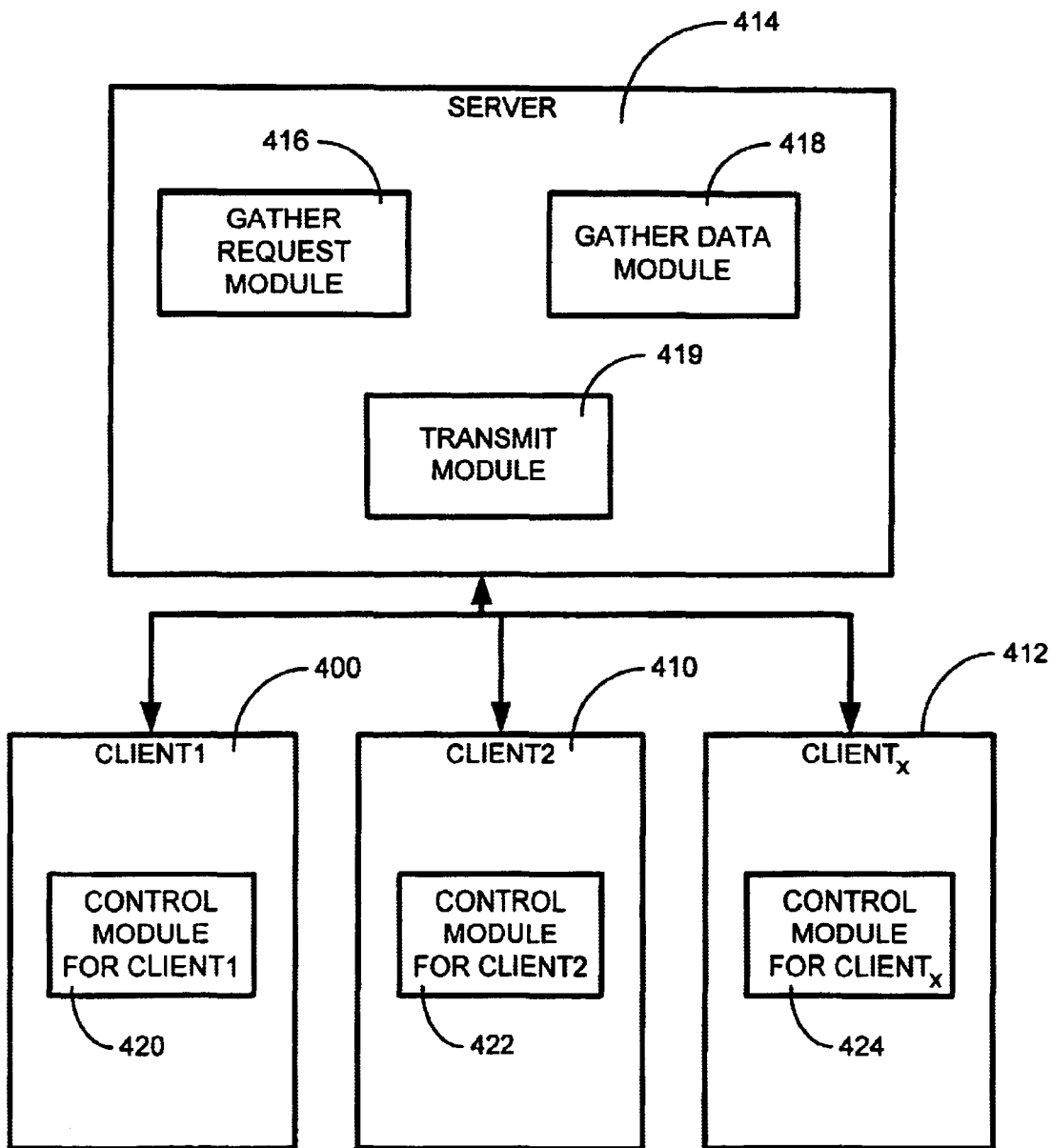
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FIG. 3

FIG. 4

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