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Ullah et al.

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(54) **METHOD AND GRAPHICAL USER INTERFACE FOR CREATING A CONFIGURATION FILE USED TO ALLOCATE COMPUTER SYSTEM RESOURCES AMONG WORKLOADS**

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(51) **Int. Cl.**

G06F 3/01 (2006.01)

G06F 17/40 (2006.01)

G06F 12/02 (2006.01)

G06F 3/048 (2006.01)

(52) **U.S. Cl.** **715/762**; 715/771; 715/779;
715/966; 715/970; 717/121; 711/170

(58) **Field of Classification Search** 717/104-105,
717/121, 109-110, 1; 710/10, 29; 715/762,
715/771, 779, 966, 970; 711/170

See application file for complete search history.

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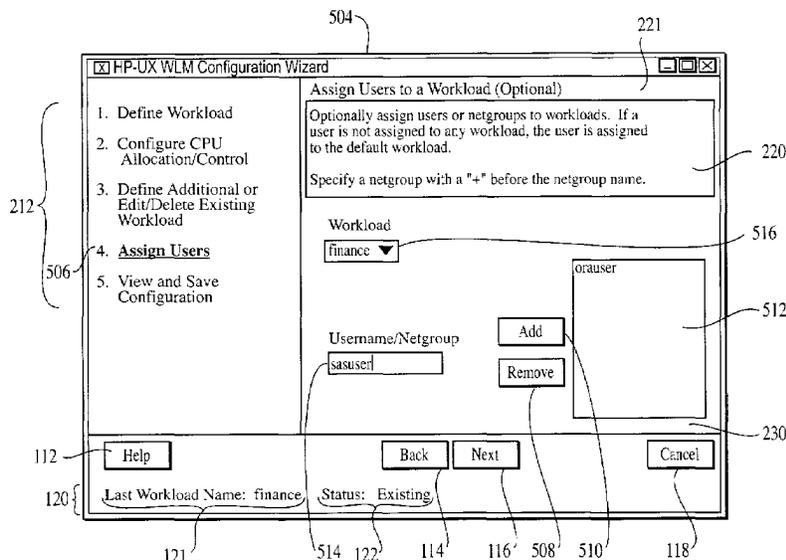
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Assistant Examiner—Namitha Pillai

(57) **ABSTRACT**

A method is disclosed for creating a configuration file for use with a resource allocator that allocates computer system resources, such as CPU resources, among workloads operating on the system. A software application referred to as a "wizard" generates a graphical user interface (GUI) having multiple linked input screens to prompt a user step-by-step to enter specifications for the workloads. The GUI displays a prompt for a user to define a workload and to configure a resource allocation policy for the defined workload. The CPU resource allocation policy specifies how resources are allocated to the defined workload. The wizard receives the requested specifications from a user input device. Based on the received specifications, a configuration file is created and may be used by a resource allocator to allocate resources among workloads according to the specifications.

25 Claims, 31 Drawing Sheets



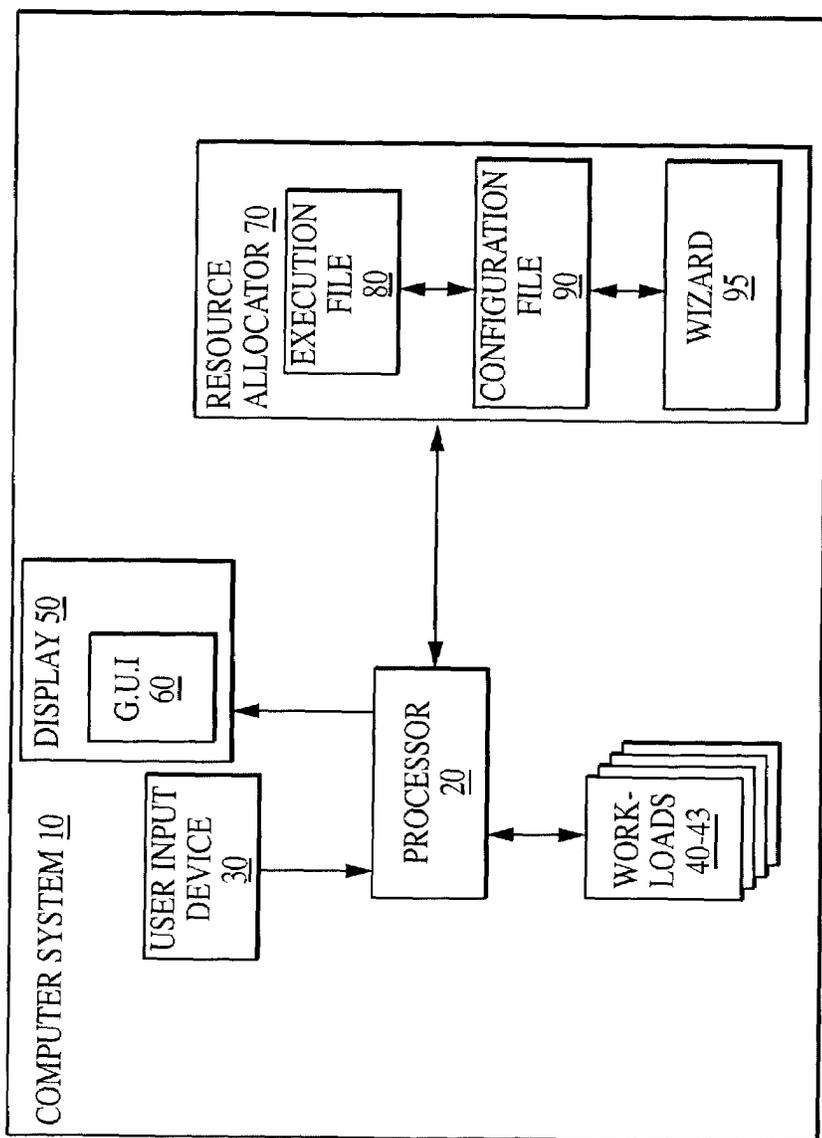


FIG. 1

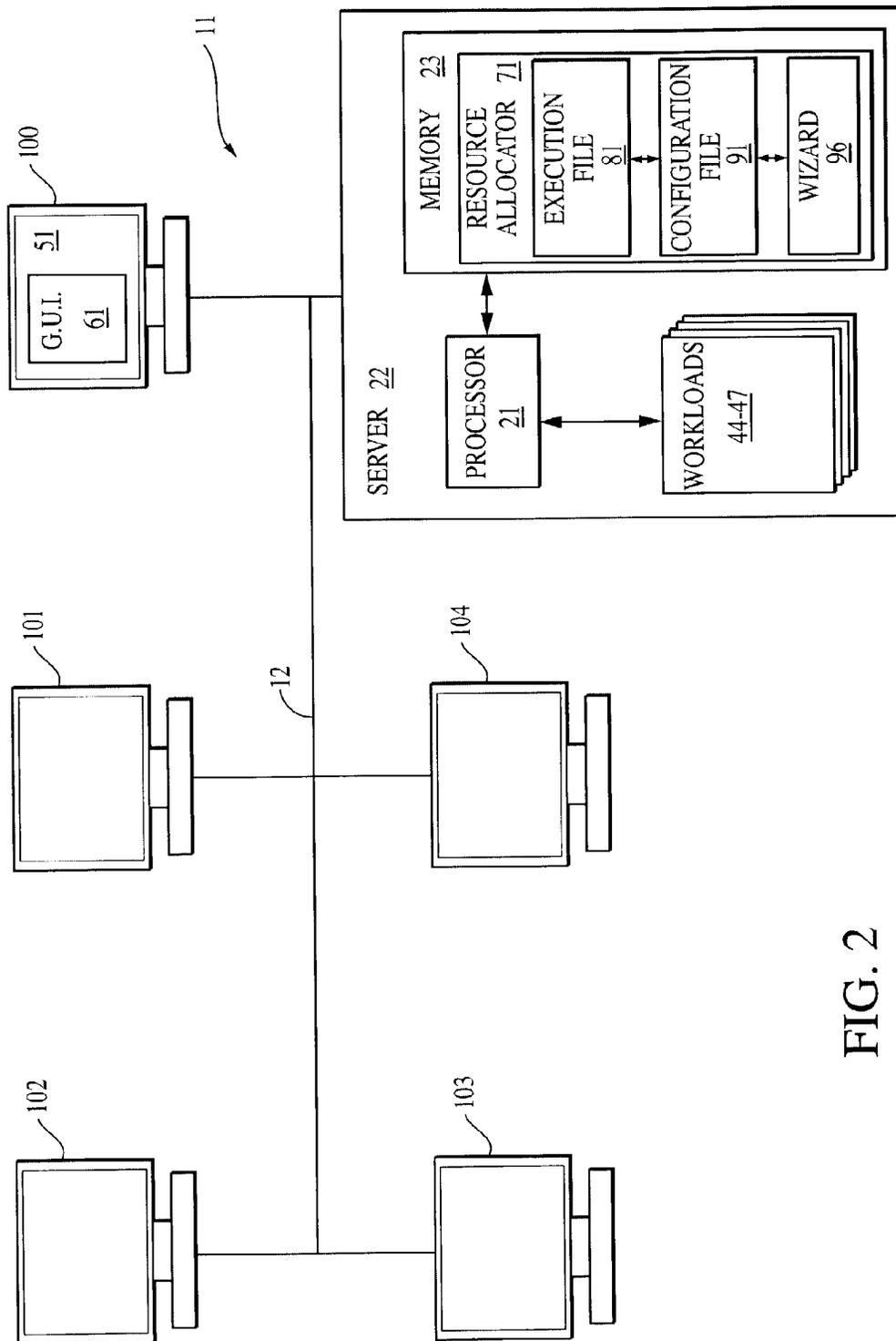


FIG. 2

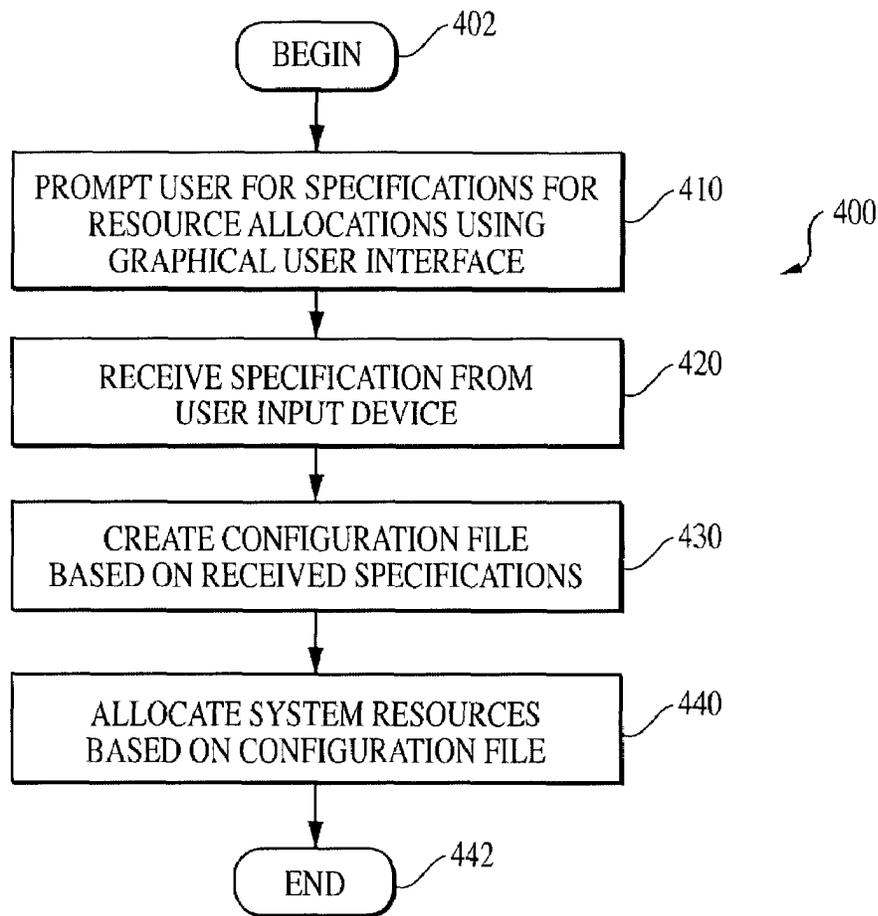


FIG. 3

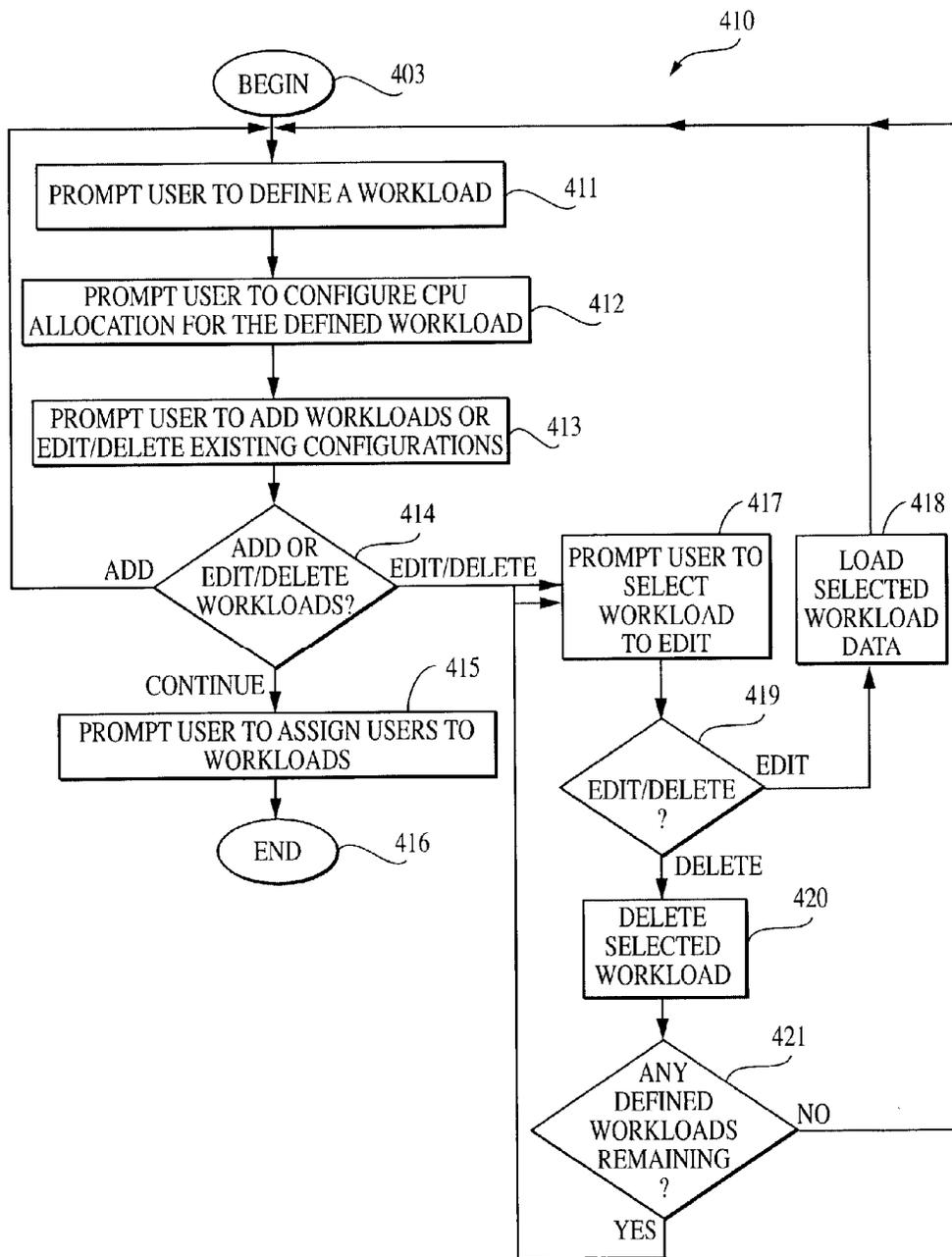


FIG. 4

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