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**Bhanjois et al.**

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(54) **MICROKERNEL FOR REAL TIME APPLICATIONS**

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(52) **U.S. Cl.** ..... **718/100; 718/103; 718/107**

(58) **Field of Classification Search** ..... 709/100-104, 709/106-108, 310, 313, 314; 718/100-104, 718/106-108; 719/310, 313, 314  
See application file for complete search history.

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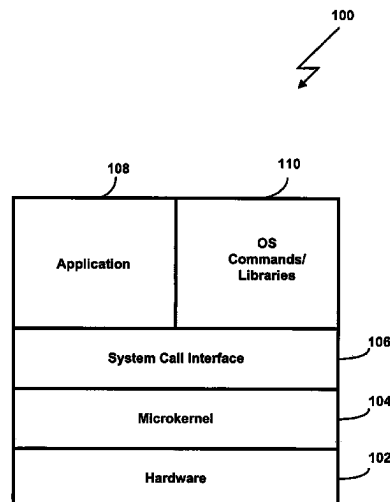
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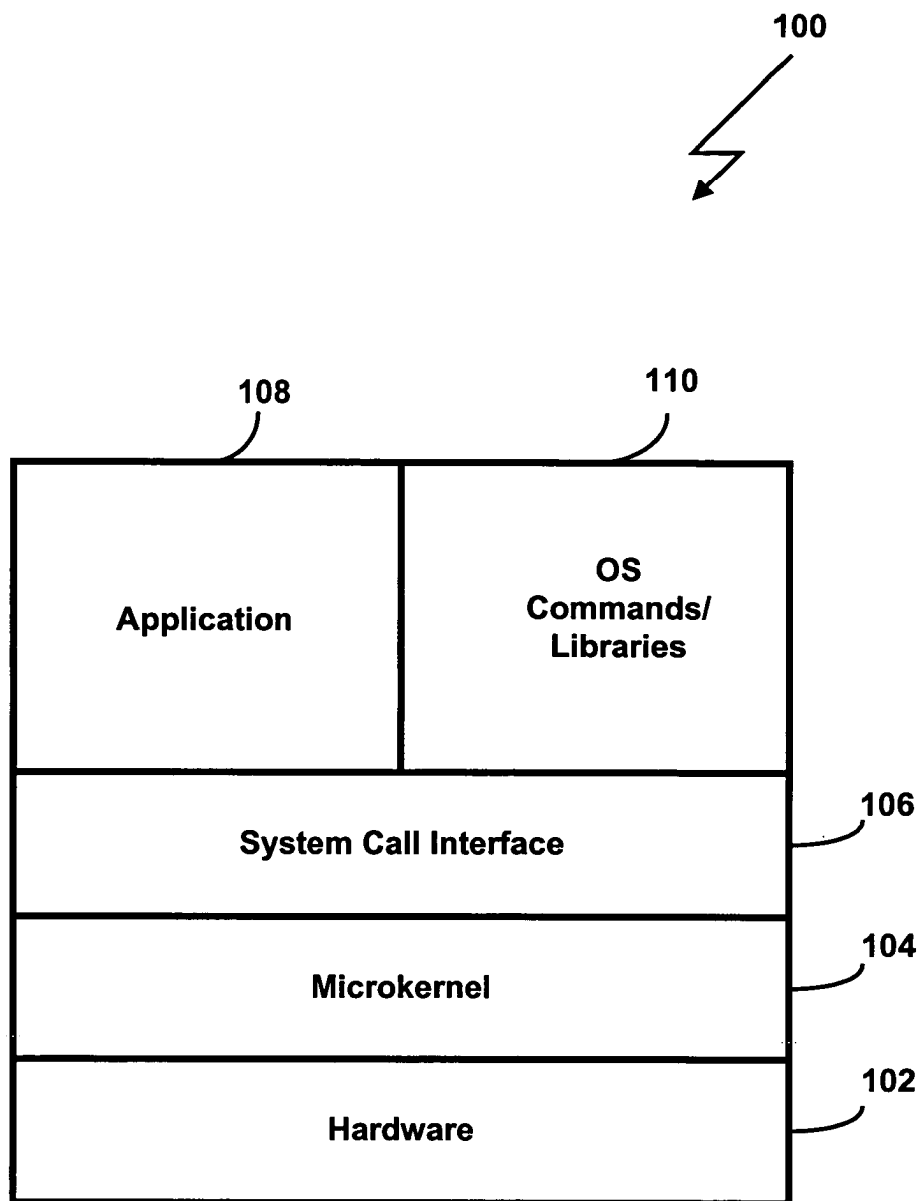
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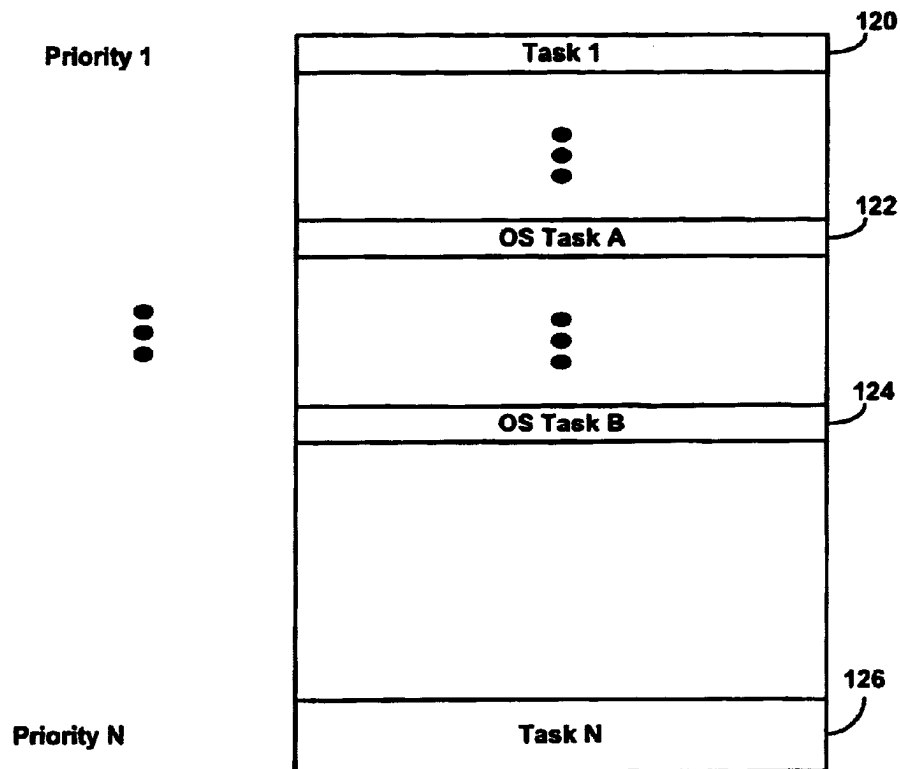
(57) **ABSTRACT**

An operating system includes a non-preemptive microkernel executing one or more processes in accordance with a predetermined priority; and one or more kernels adapted to be executed as one or more processes by the non-preemptive microkernel.

**26 Claims, 12 Drawing Sheets**



**FIG. 1**

**FIG. 2**

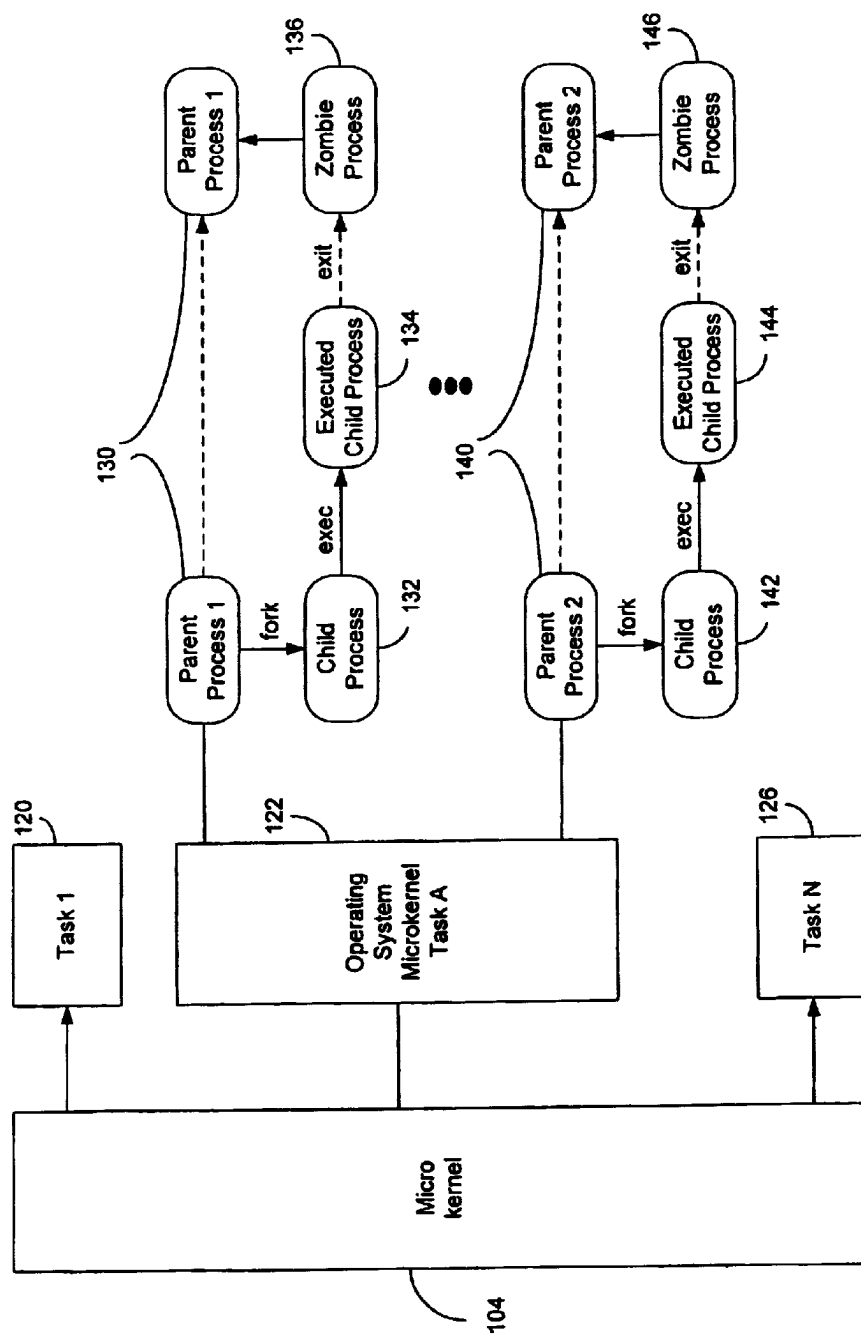


FIG. 3

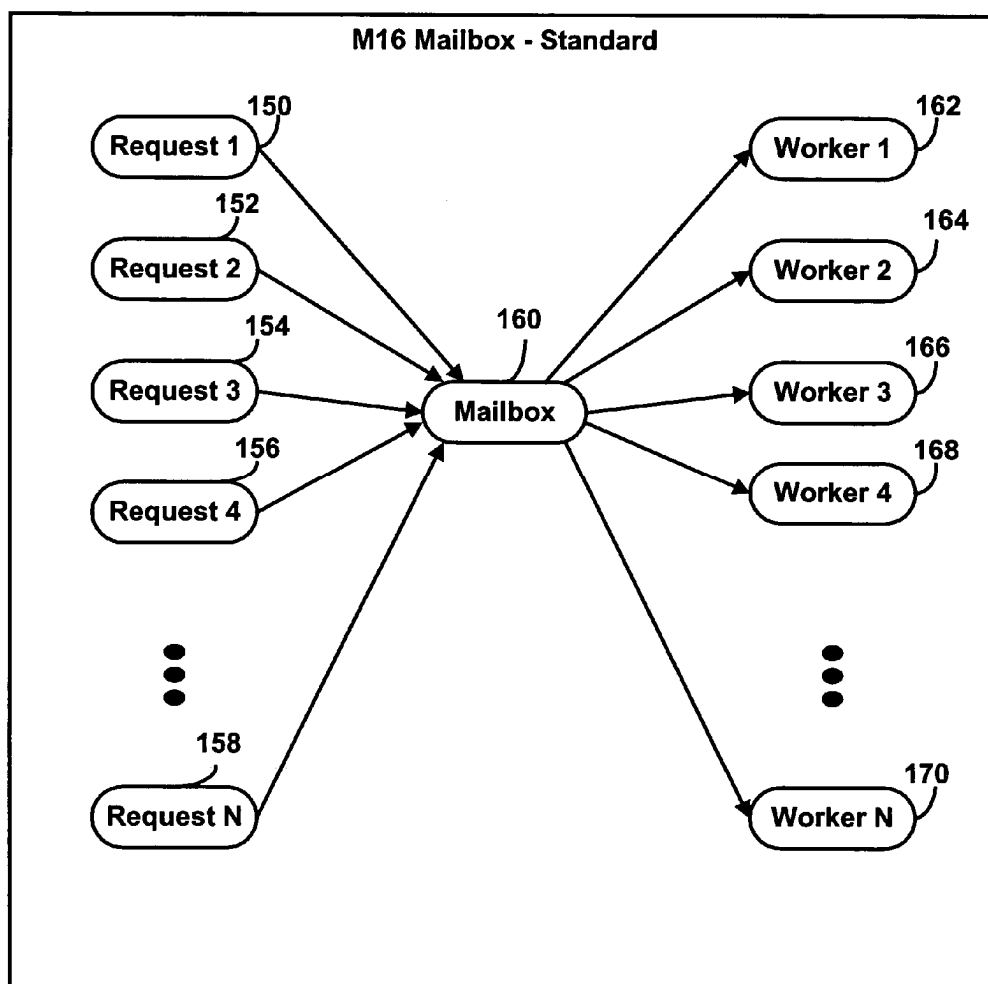


FIG. 4

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