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Glasco

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(54) **METHODS AND APPARATUS FOR MANAGING PROBE REQUESTS**

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This patent is subject to a terminal disclaimer.

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G06F 12/00 (2006.01)

(52) **U.S. Cl.** **711/146**; 711/141; 709/216; 709/218

(58) **Field of Classification Search** 711/141, 711/146, 144, 145; 709/206, 213, 216, 217, 709/218, 219
See application file for complete search history.

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(57) **ABSTRACT**

According to the present invention, methods and apparatus are provided for increasing the efficiency of data access in a multiple processor, multiple cluster system. Mechanisms for reducing the number of transactions in a multiple cluster system are provided. In one example, probe filter information is used to limit the number of probe requests transmitted to request and remote clusters.

39 Claims, 17 Drawing Sheets

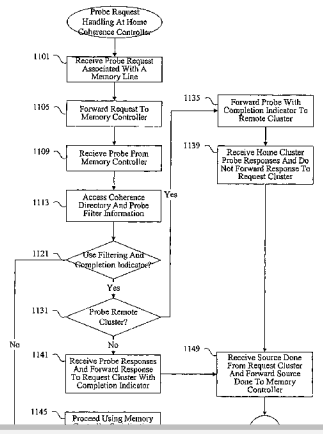

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Figure 1A

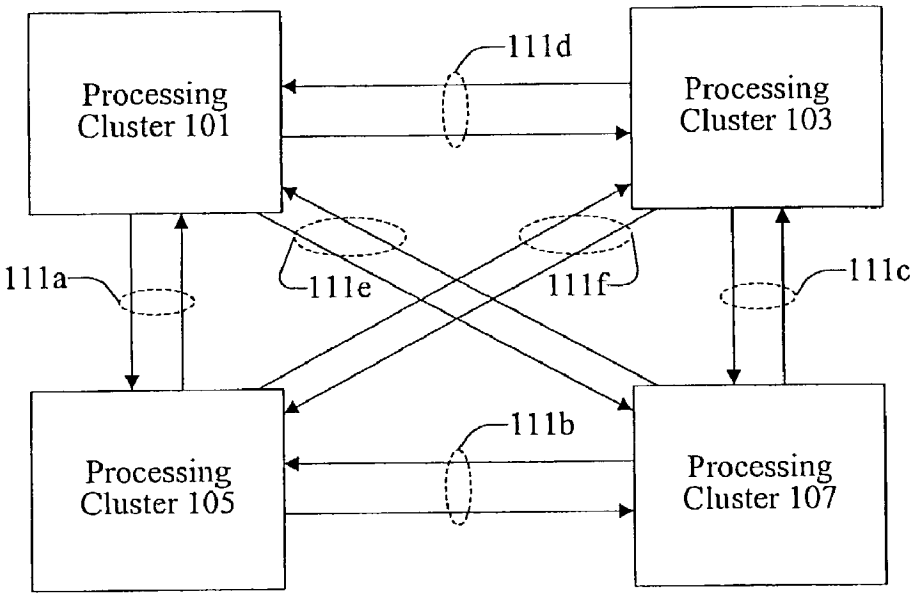


Figure 1B

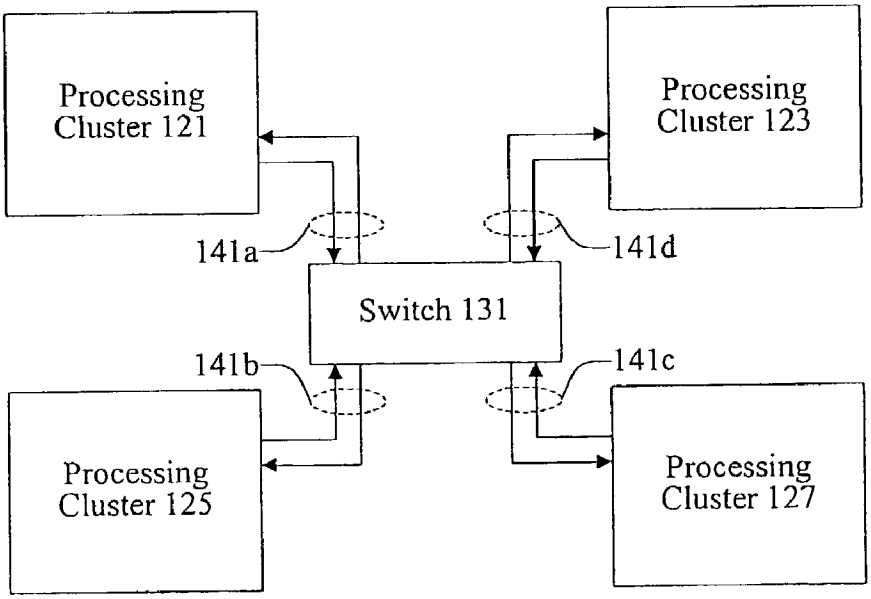


Figure 2

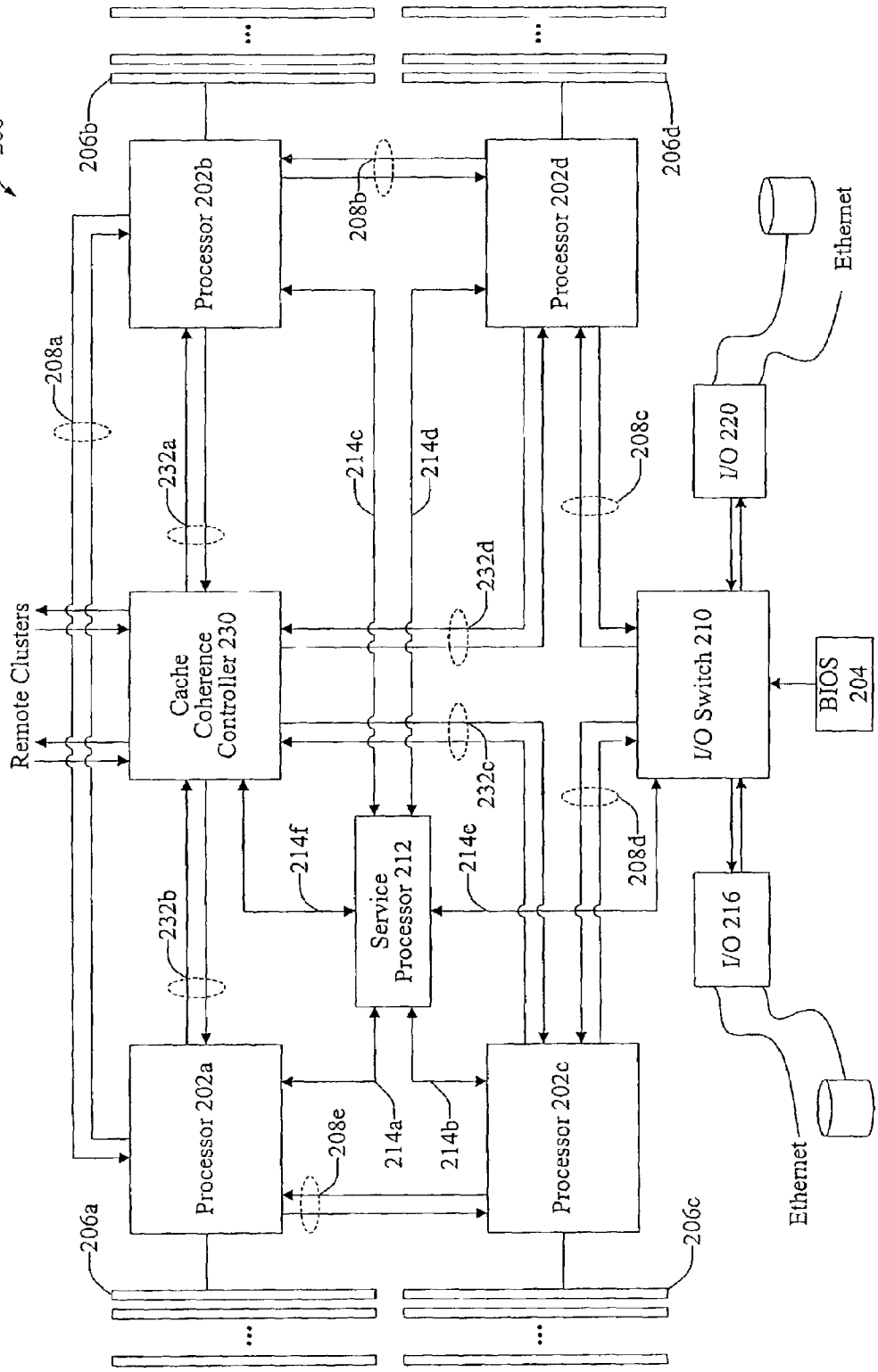
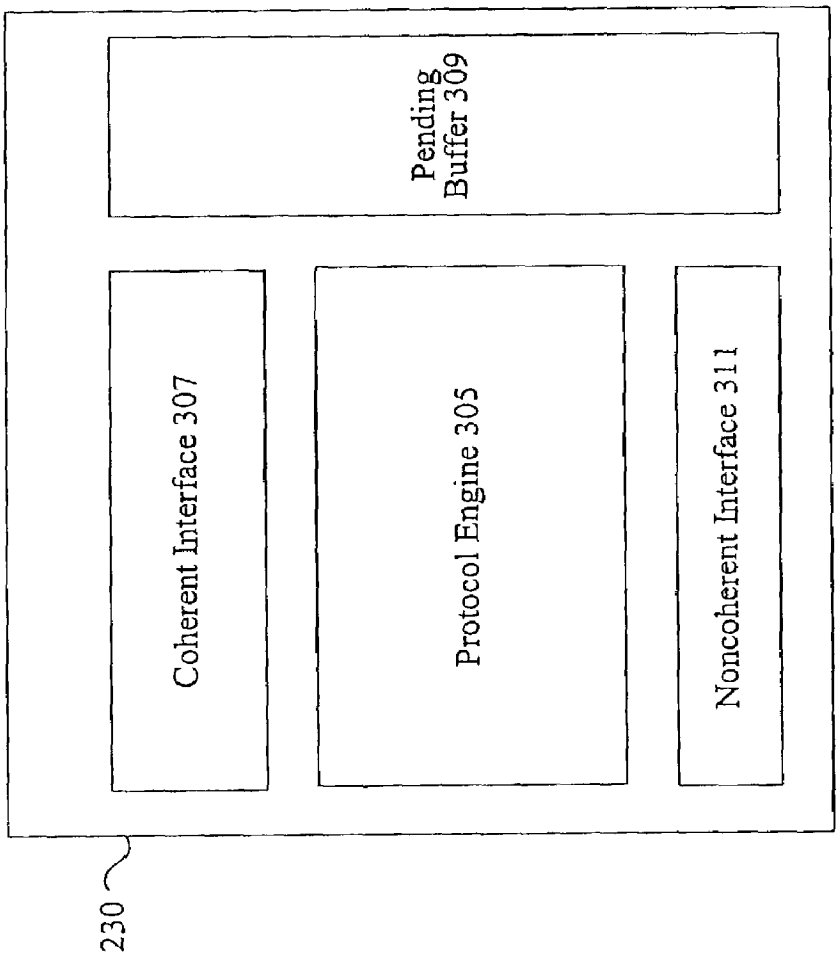


Figure 3



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