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Steele, Jr. et al.

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(54) **NETWORK RECONFIGURATION**

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(52) **U.S. Cl.** **370/254; 370/400**

(58) **Field of Search** 370/351, 242, 370/408, 402, 400, 254; 709/238, 293, 242, 246, 258

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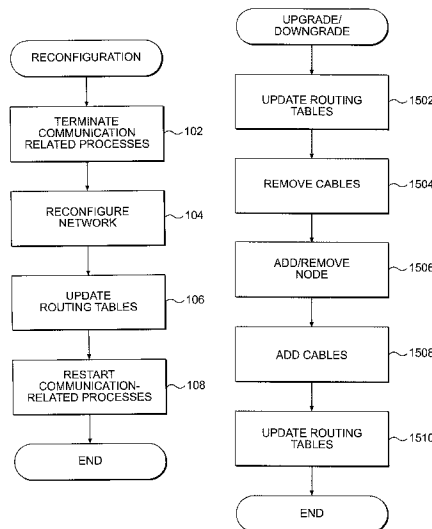
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(57) **ABSTRACT**

In accordance with methods and systems consistent with the present invention, an improved technique for reconfiguring networks is provided. By using this technique, a network administrator can reconfigure their network while it remains operational. As a result, users can continue to utilize the network during reconfiguration. Additionally, in accordance with methods and systems consistent with the present invention, a number of network topologies are provided that are designed to facilitate reconfiguration. When using one of these topologies, the network can be reconfigured with a minimal amount of recabling, thus reducing the amount of time required for reconfiguration.

86 Claims, 15 Drawing Sheets



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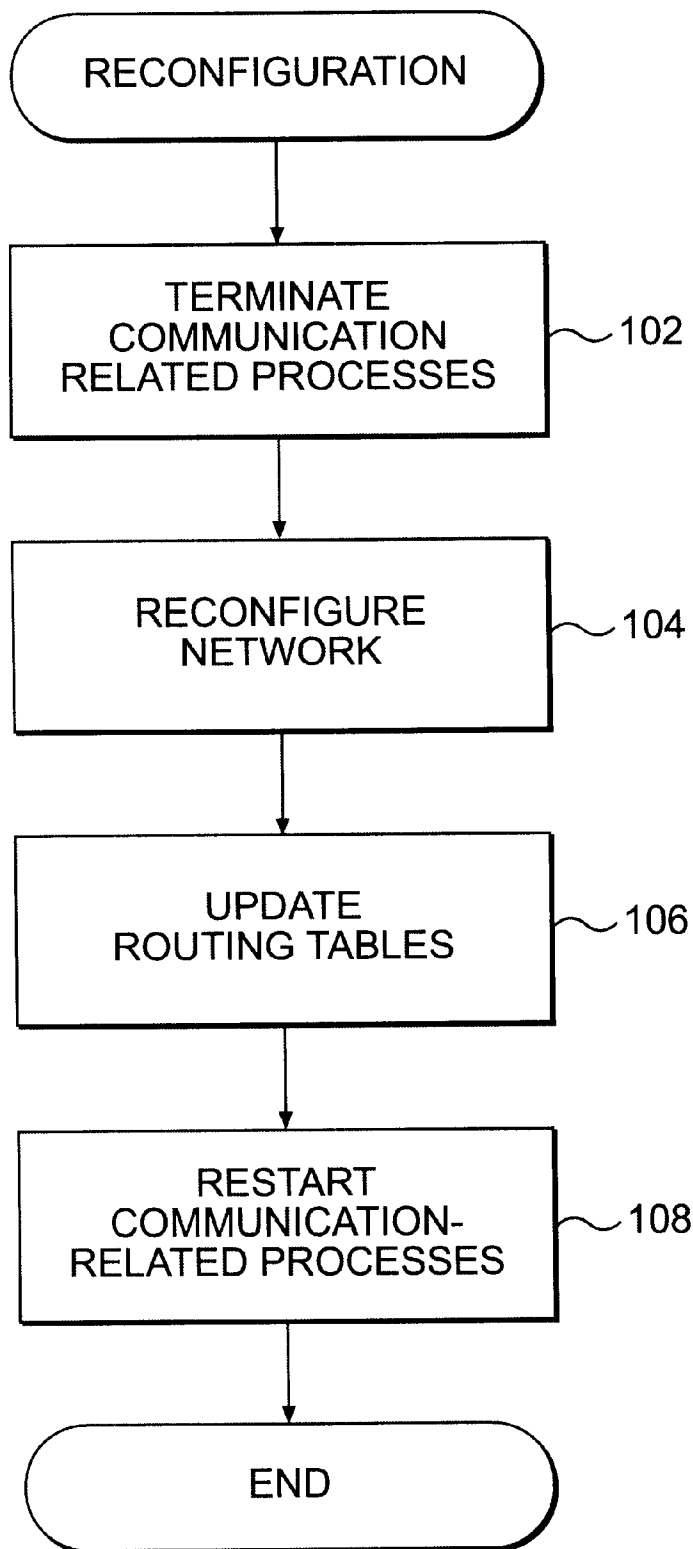


FIG. 1

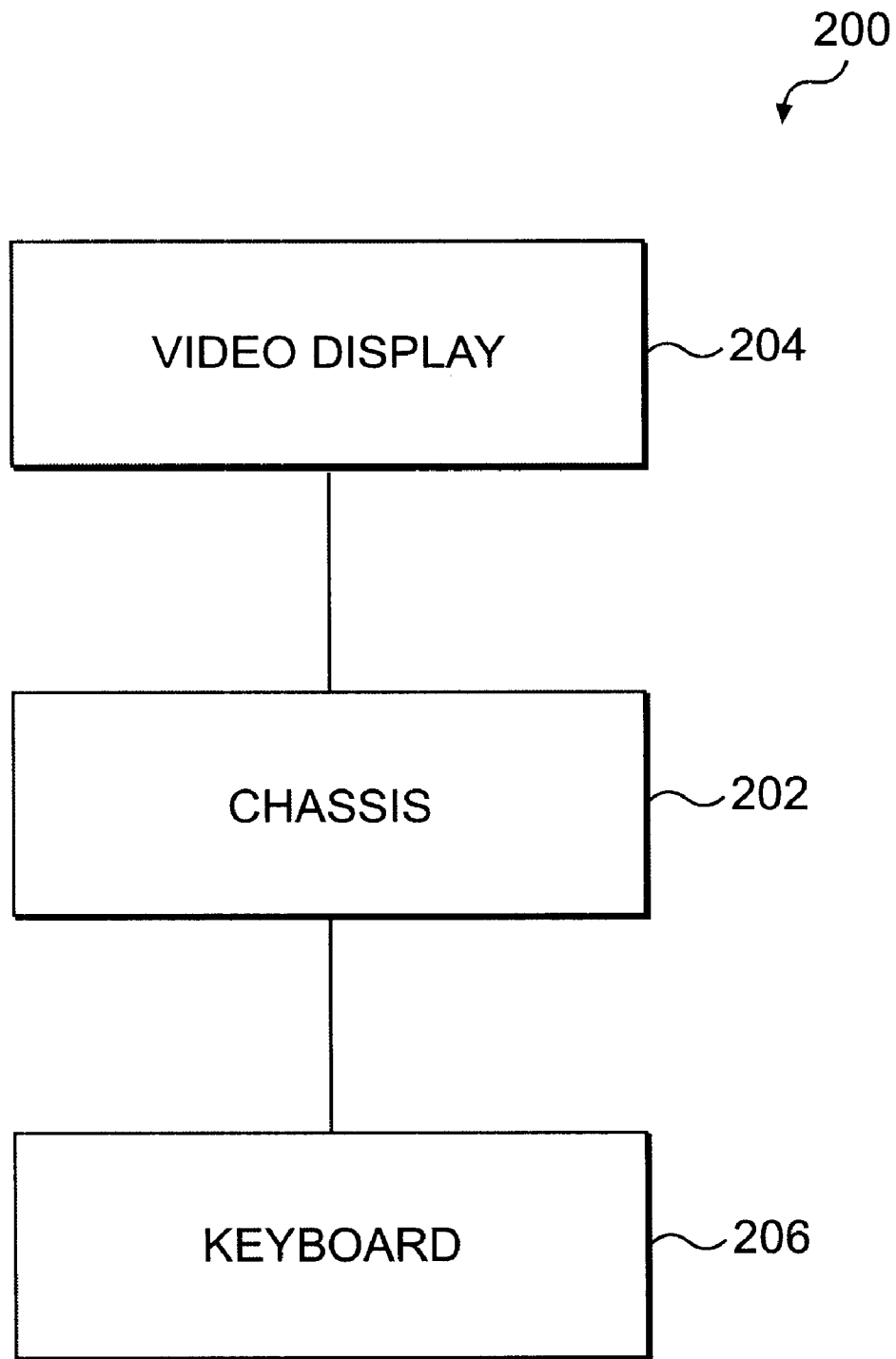


FIG. 2

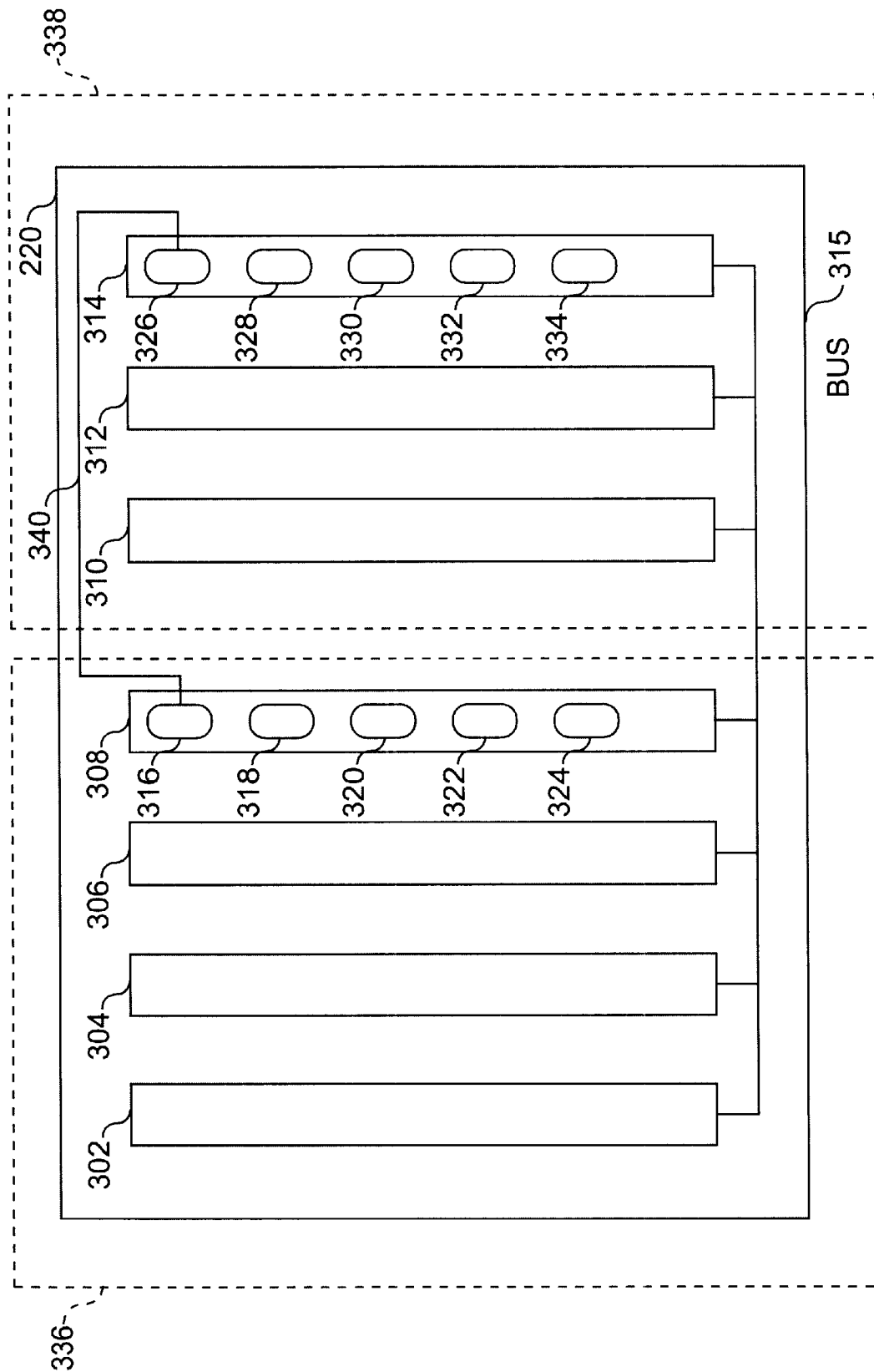


FIG. 3

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