

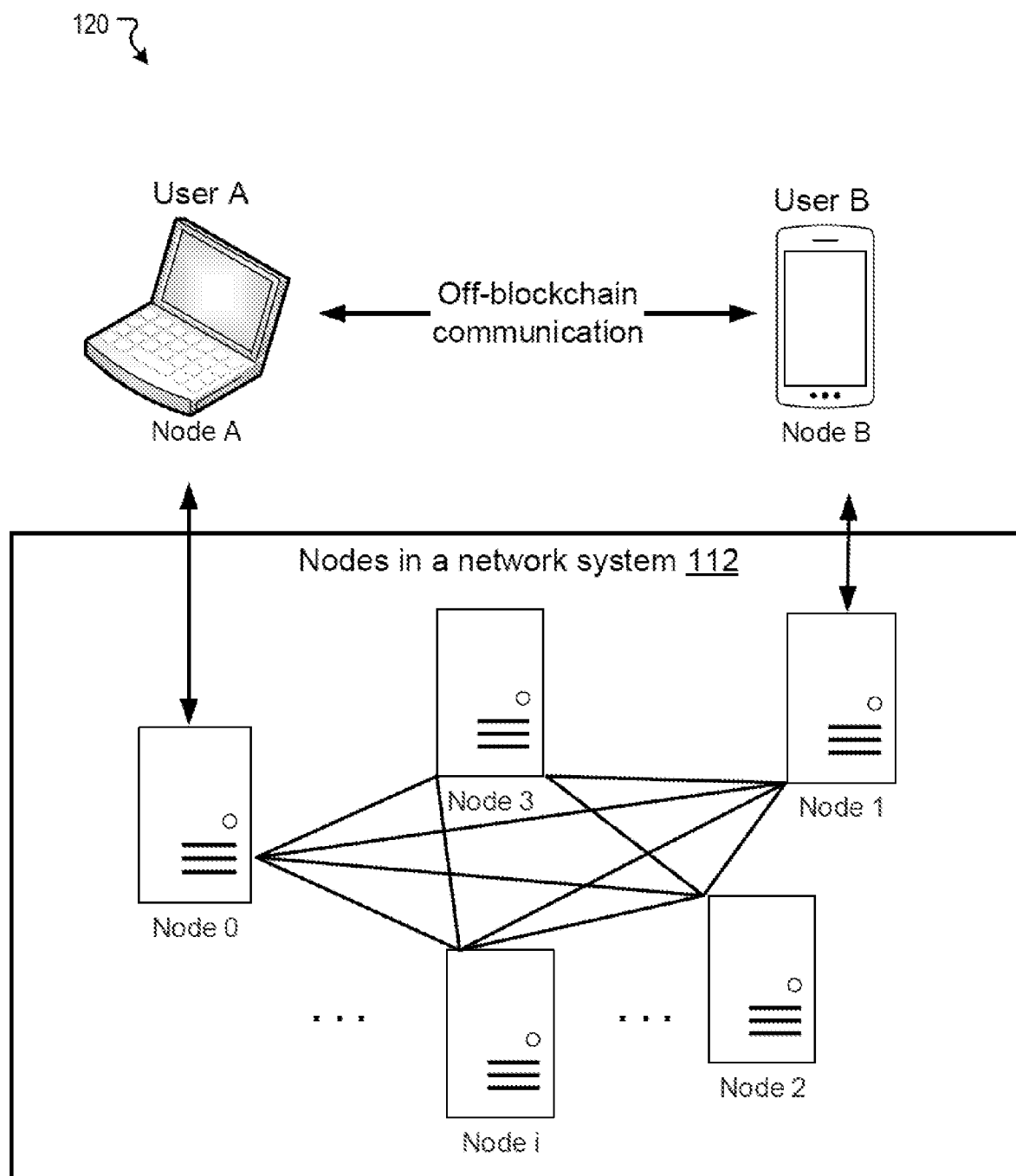


FIG. 1

Normal operation protocol

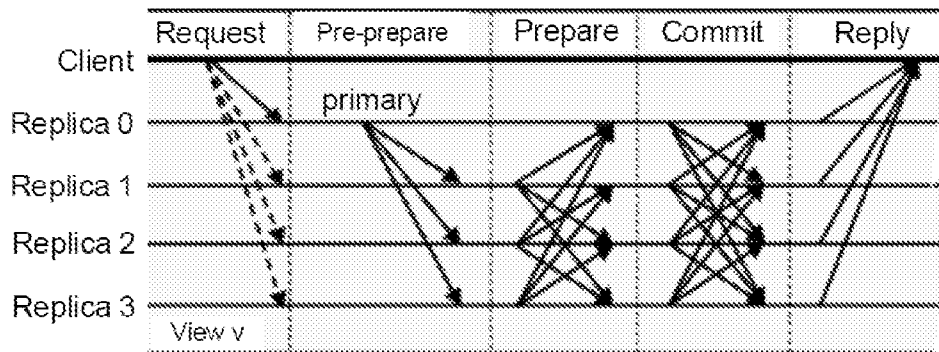


FIG. 2A

Normal operation protocol with one faulty backup node

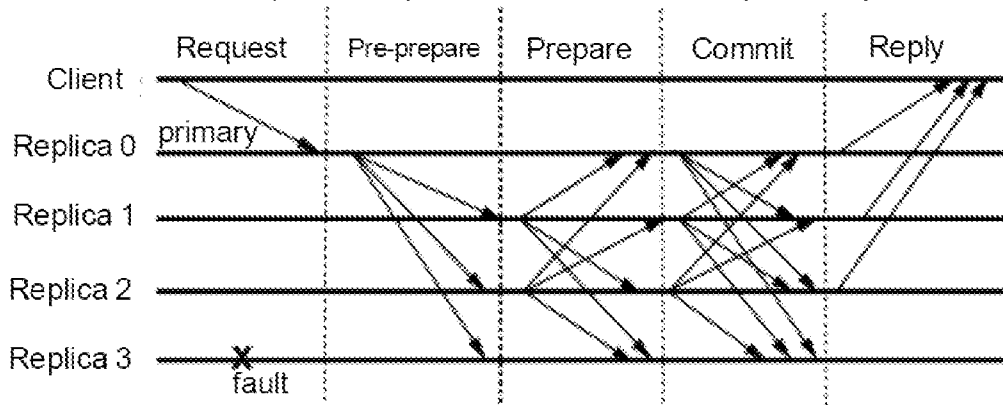


FIG. 2B

Normal operation protocol

View change protocol

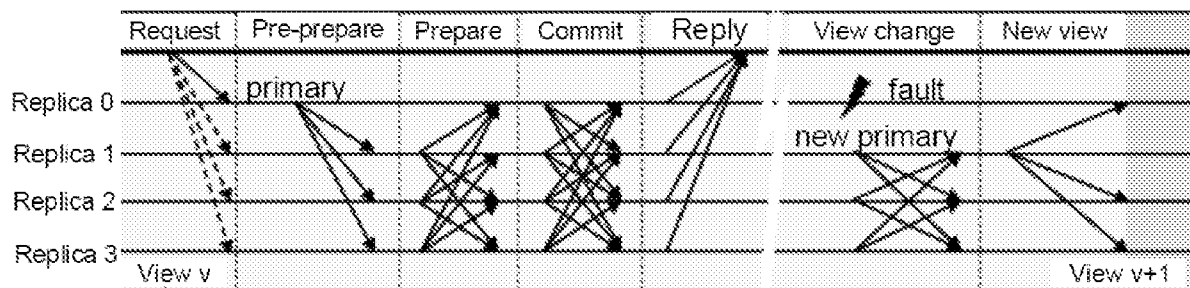
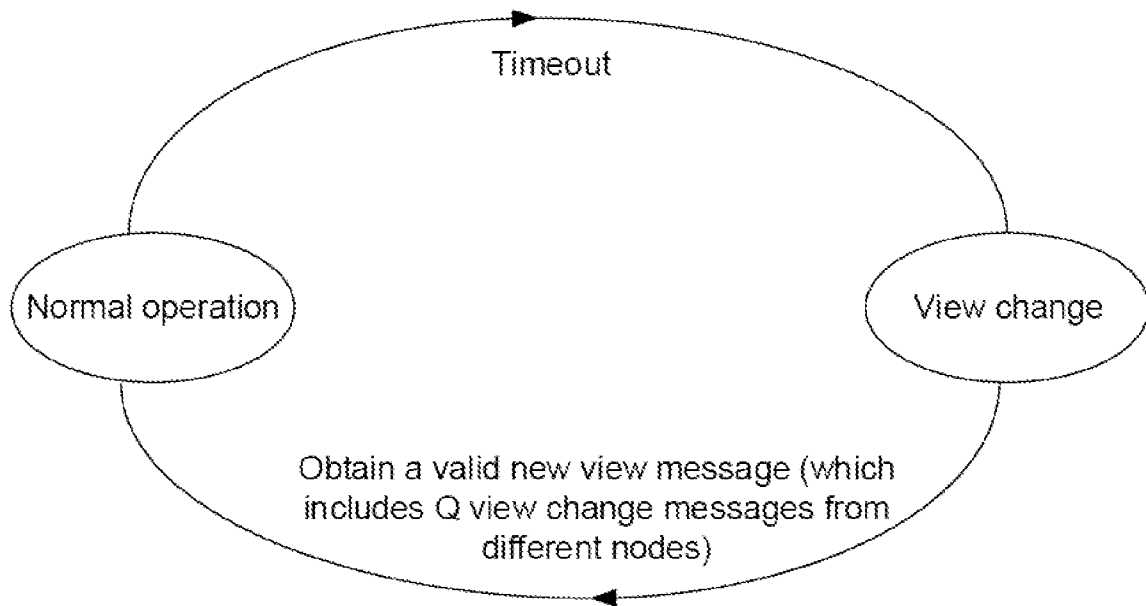
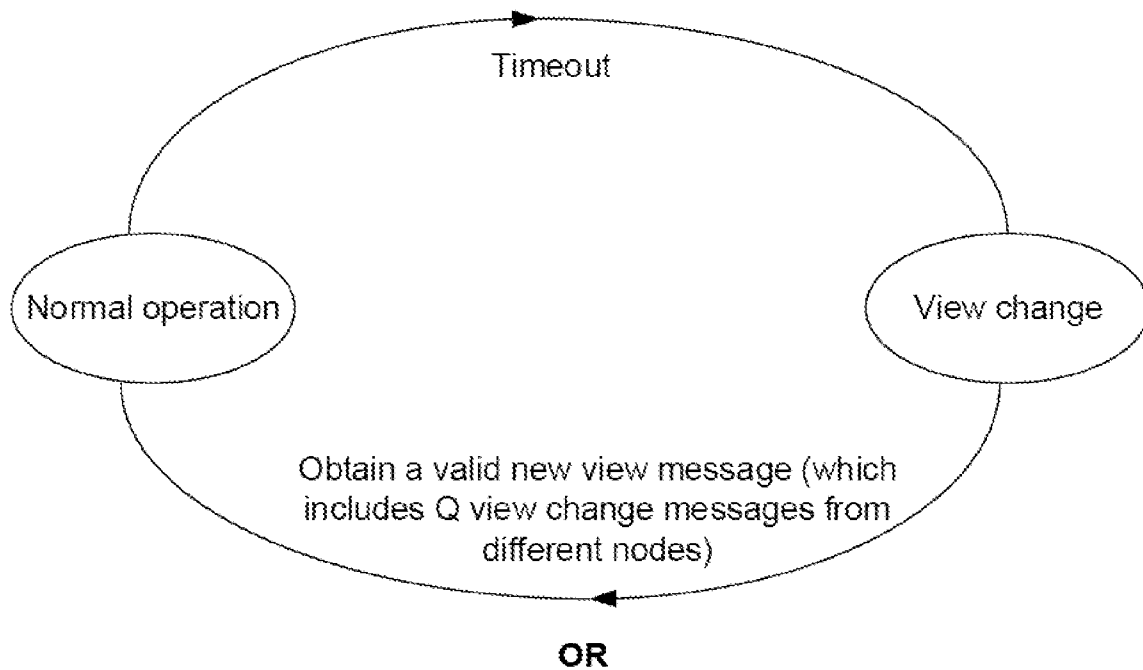


FIG. 2C

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**FIG. 3A**

Obtain Q echo messages each comprising a consistent current view and a consistent current sequence number

FIG. 3B

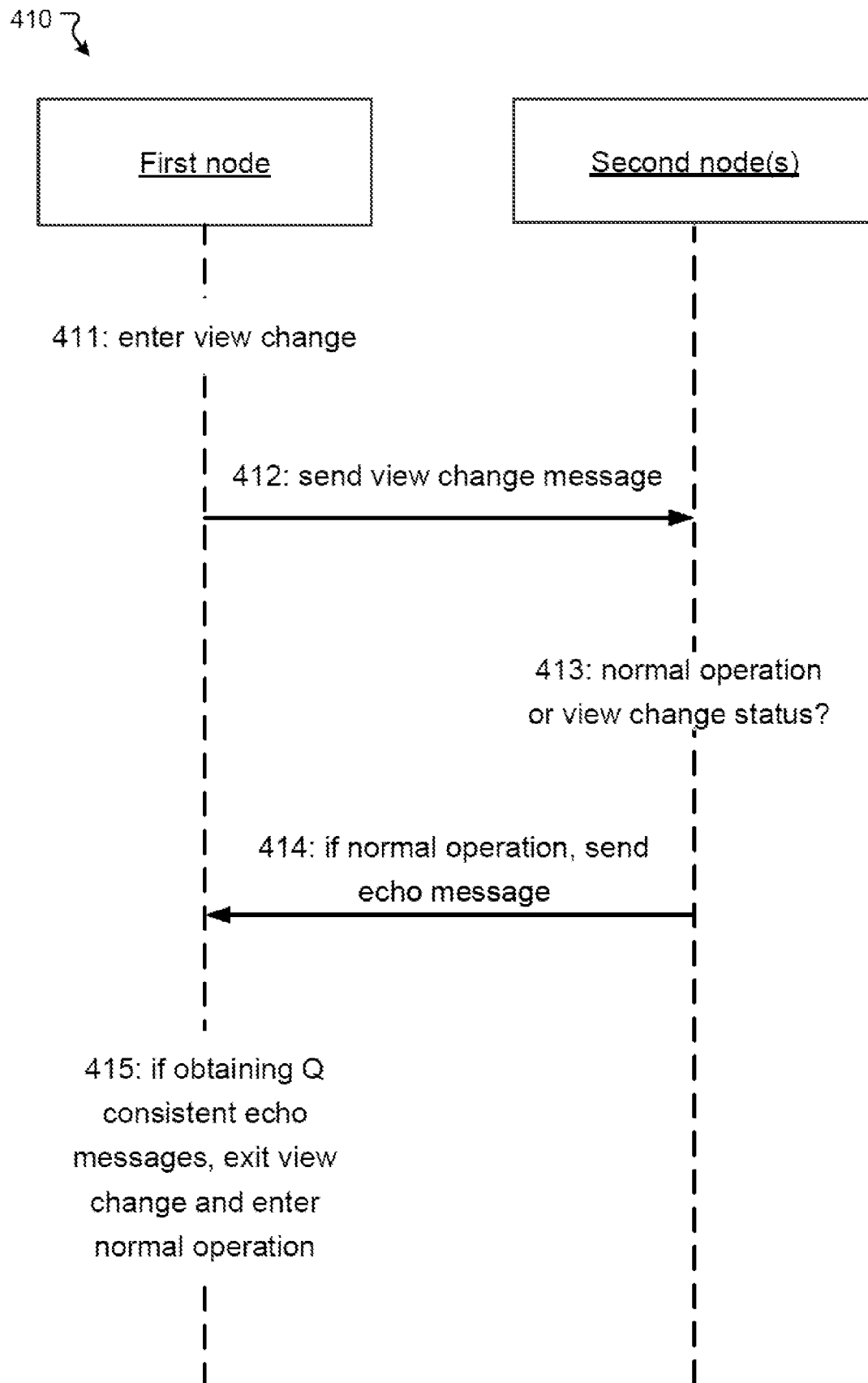


FIG. 4

510 ↘

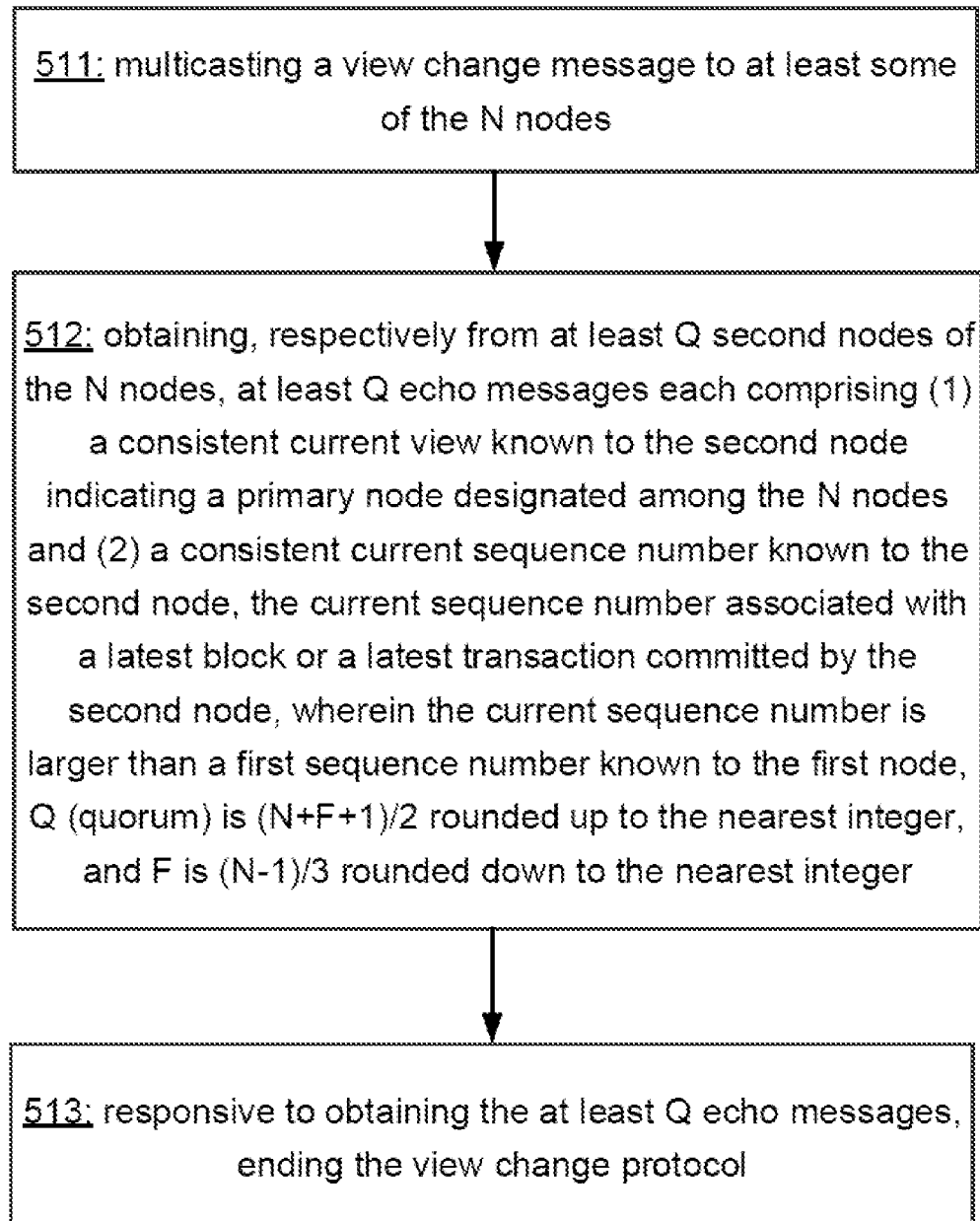


FIG. 5A

520 ↘

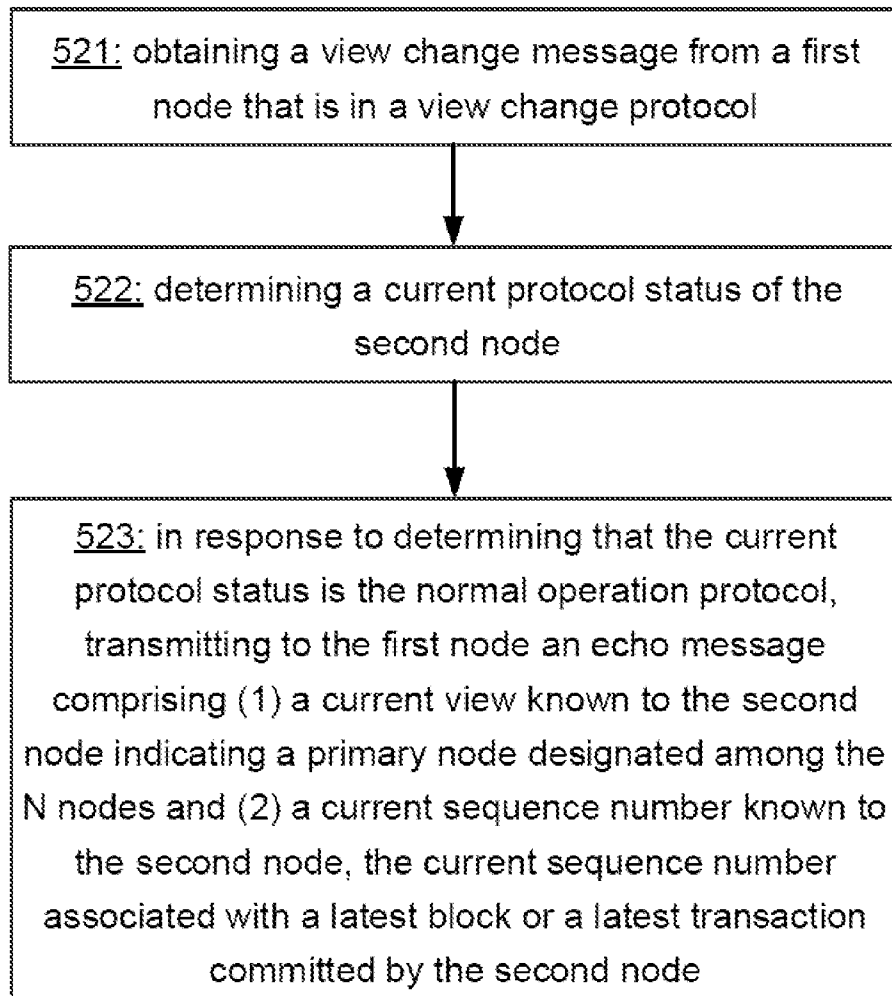
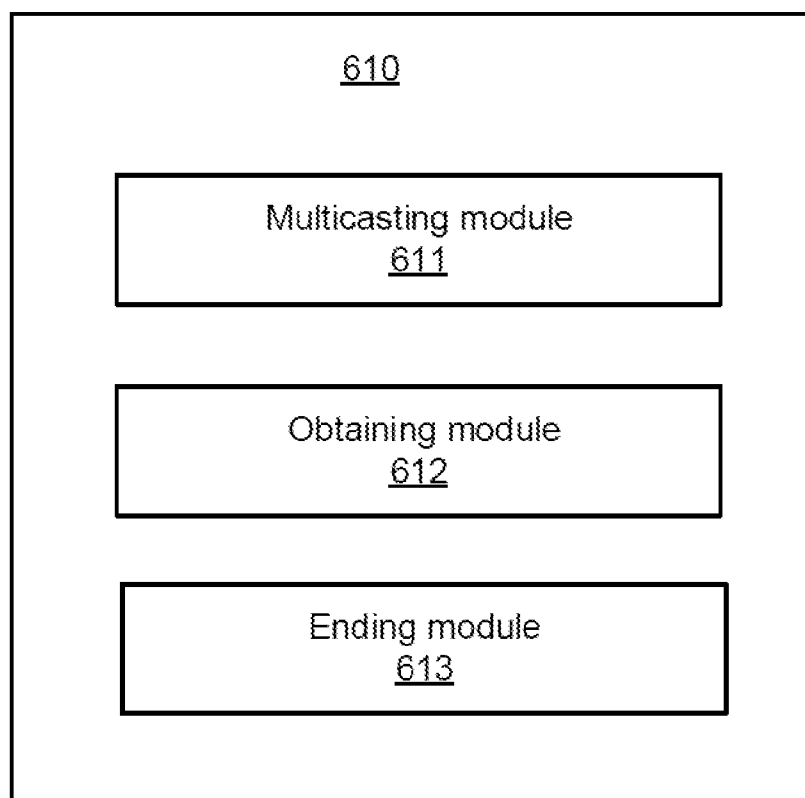


FIG. 5B

**FIG. 6A**

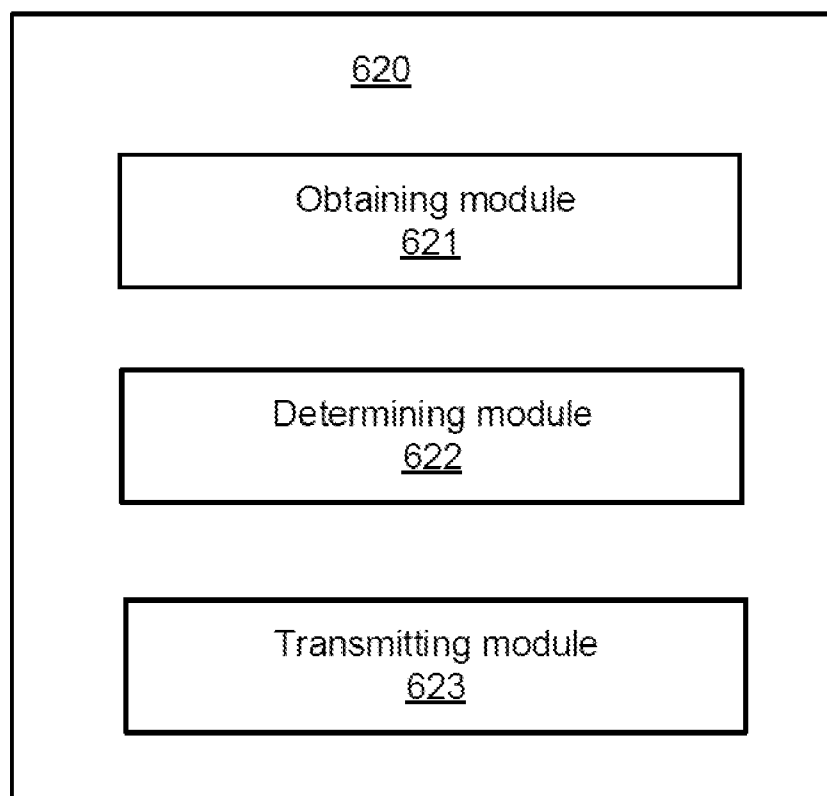


FIG. 6B

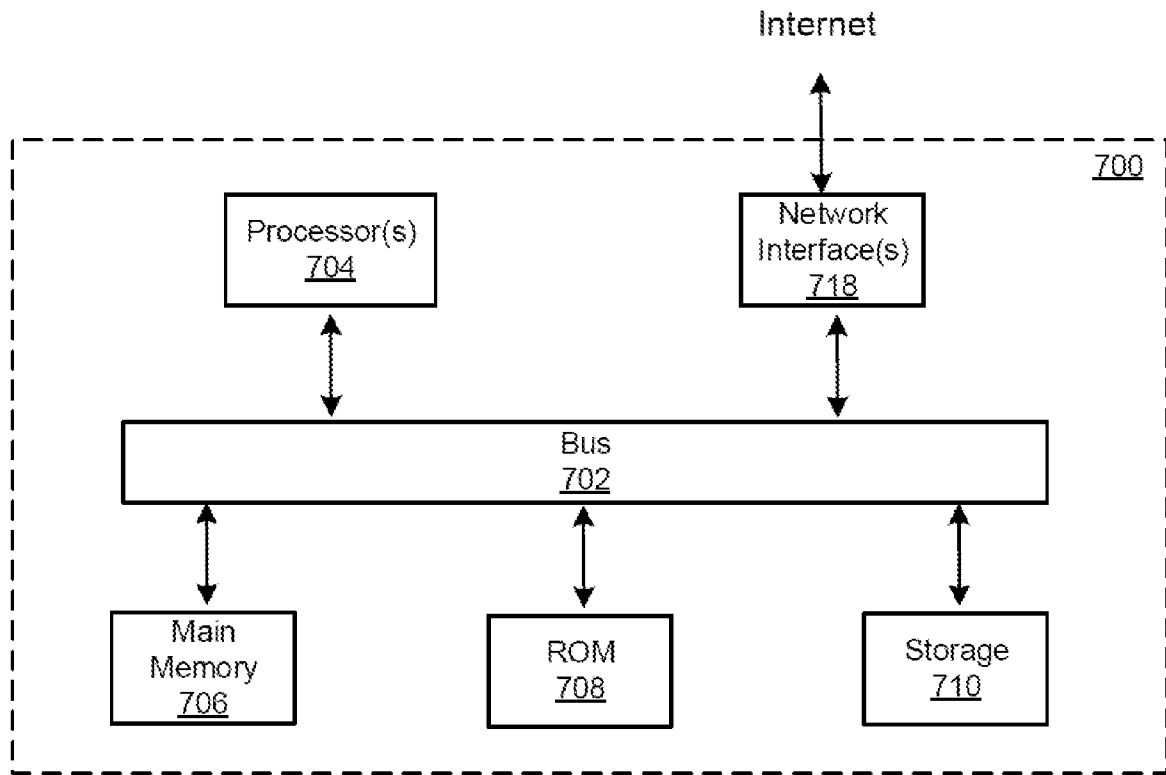


FIG. 7