

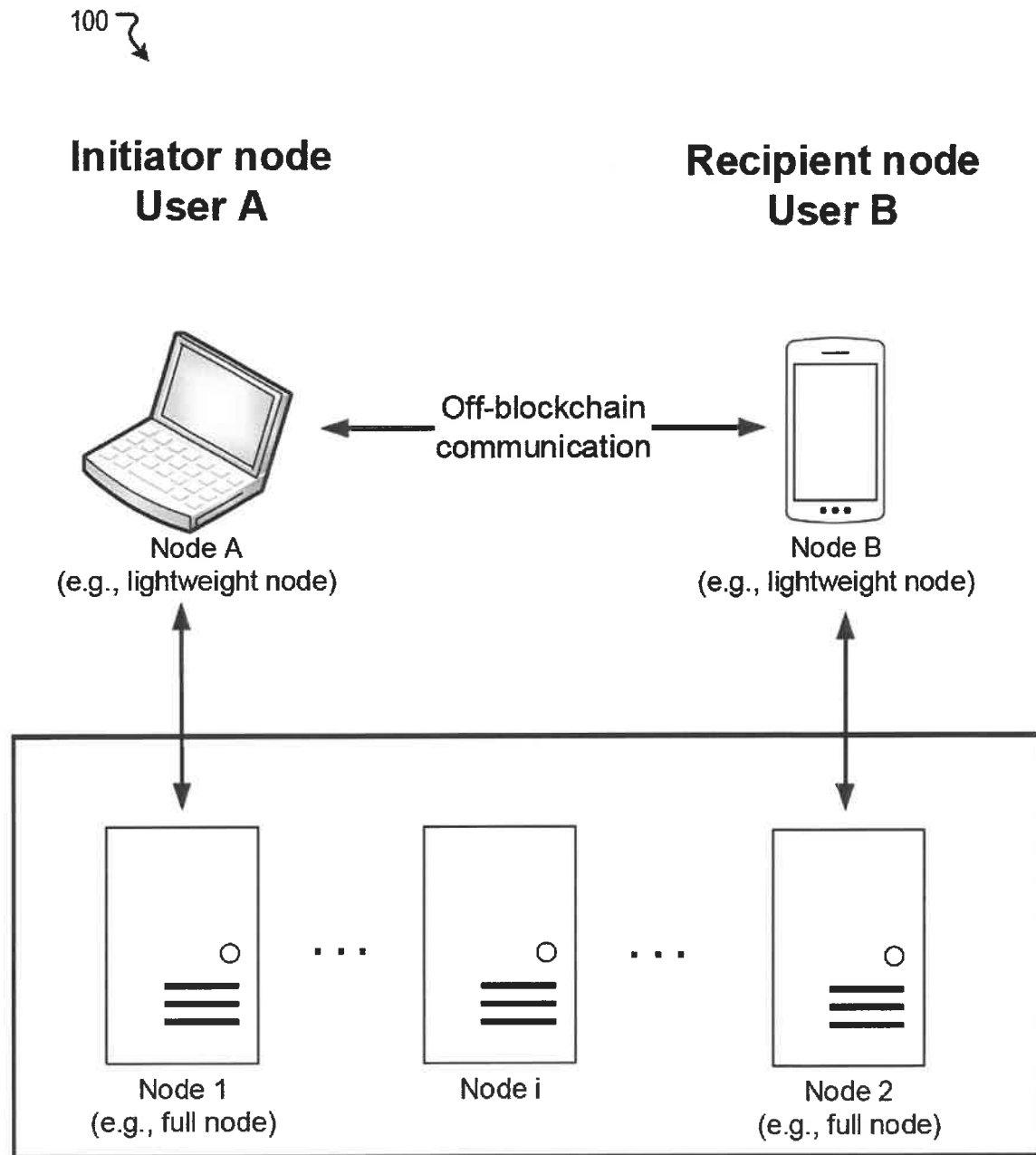
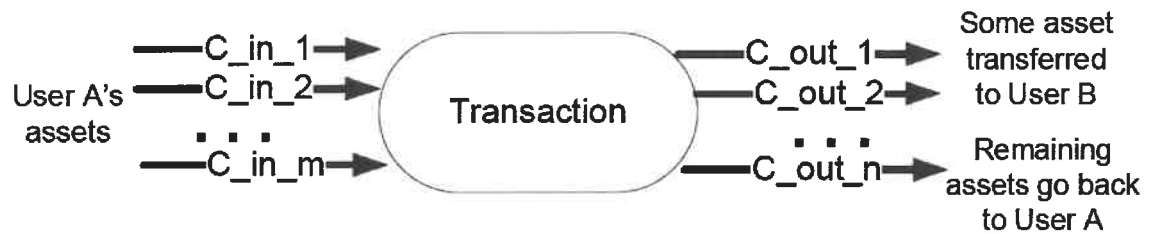


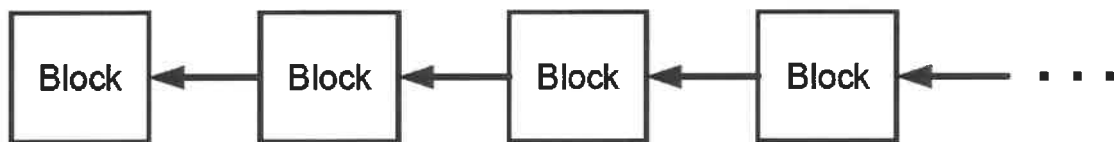
FIG. 1

Initiator node initiate a transaction to be added to the blockchain

1. Initiate transaction



2. Calculate x, C, and R, and publish R to the nodes



Consensus node verifies if the transaction is valid

3.1. Calculate x

3.2. Calculate C

3.3. Verify $C=rG$ to validate the transaction

4. Add the transaction to the blockchain or reject based on the validity

FIG. 2

300 ↘

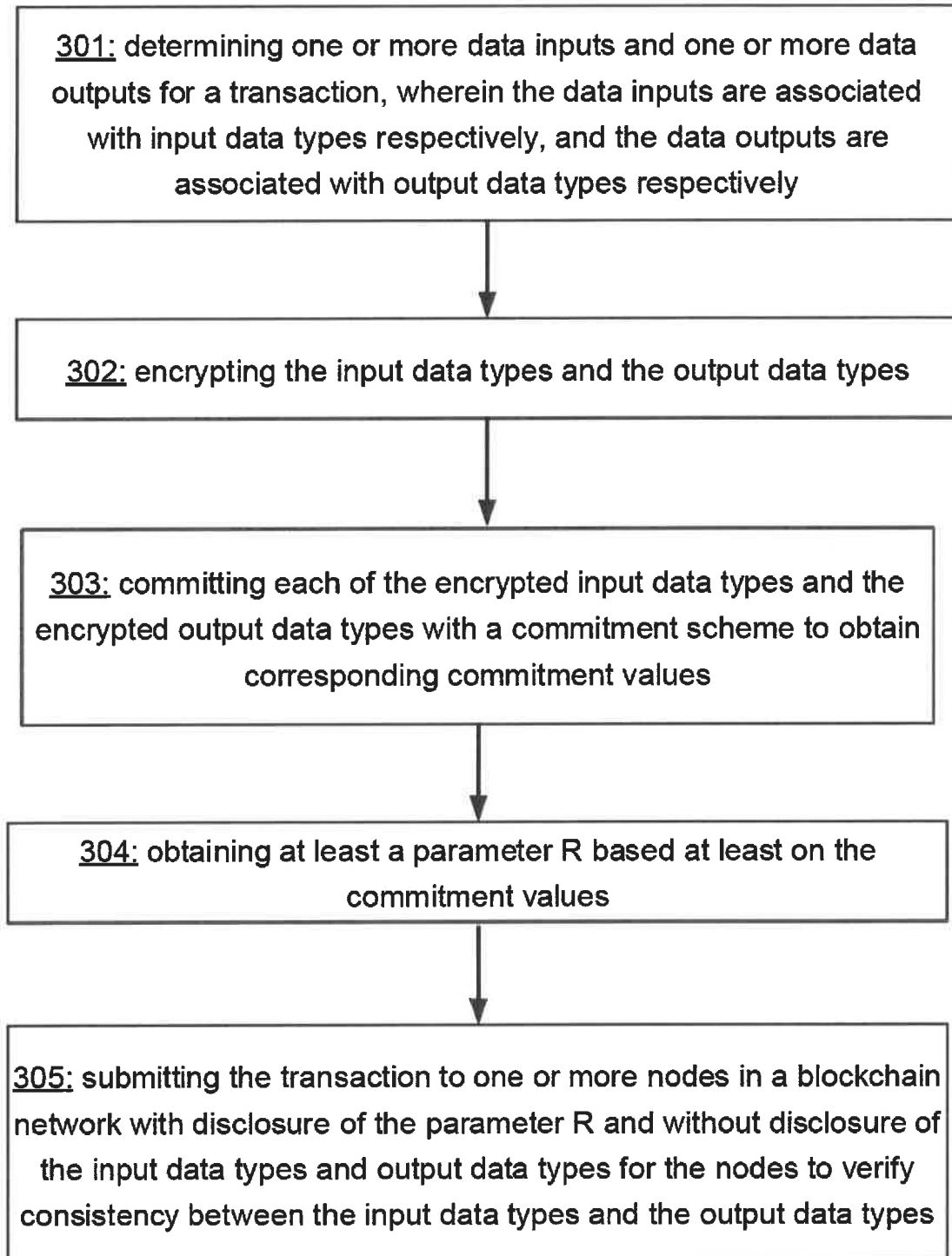


FIG. 3

400 ↘

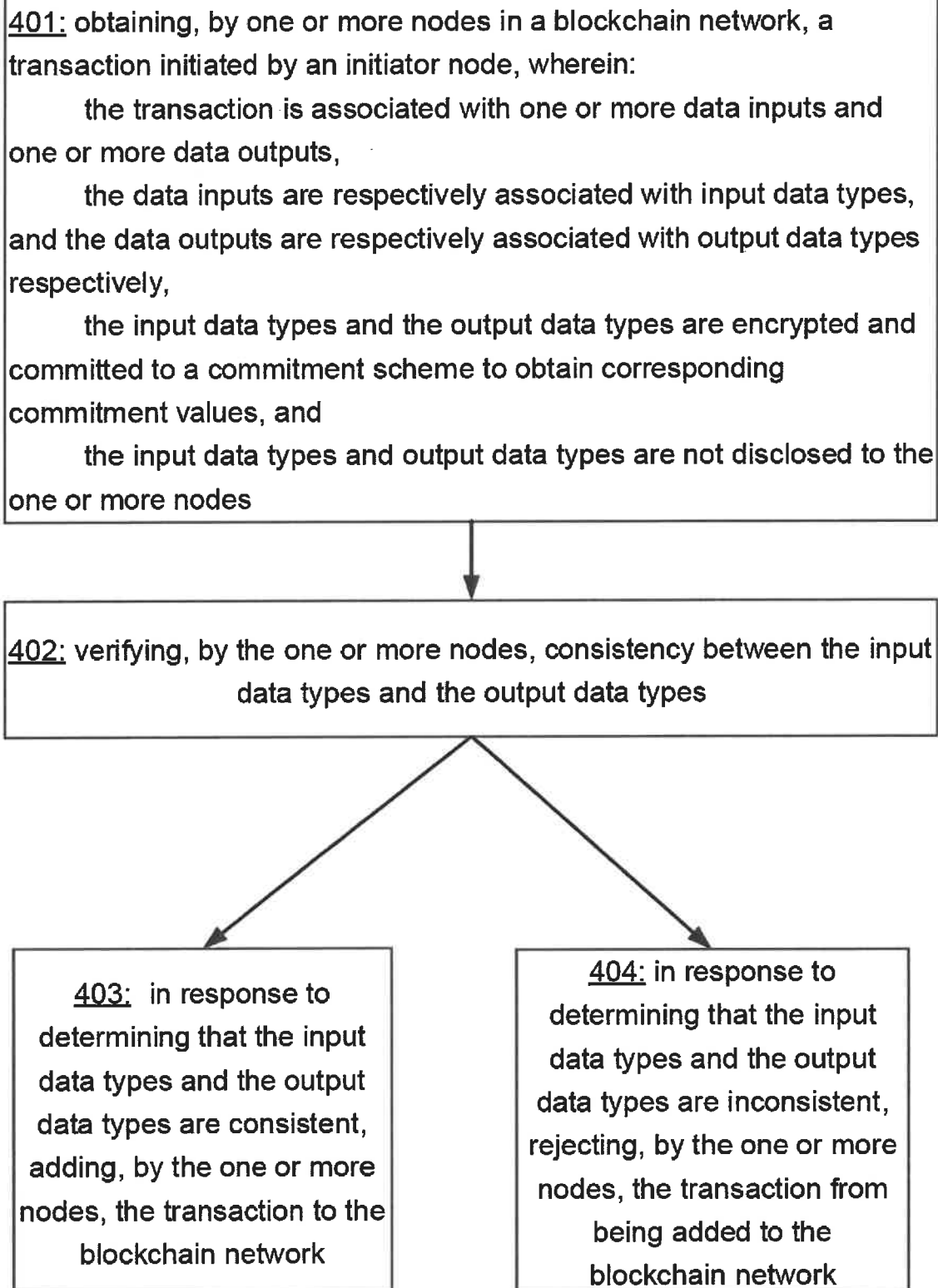
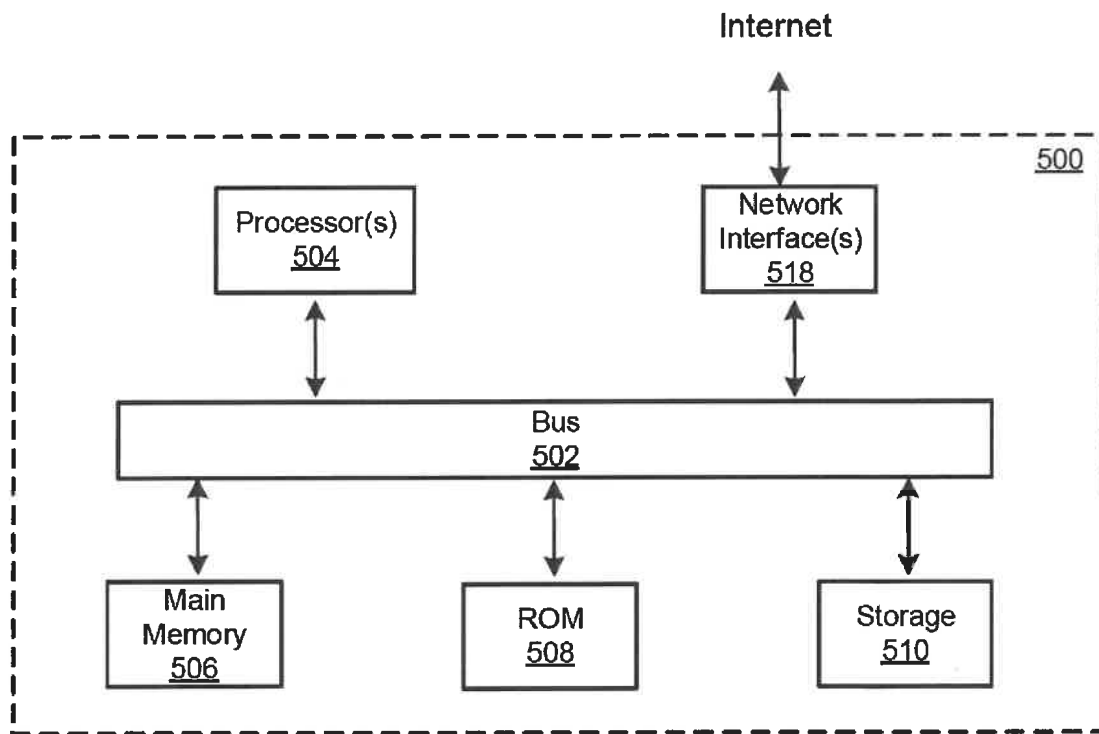


FIG. 4

**FIG. 5**