

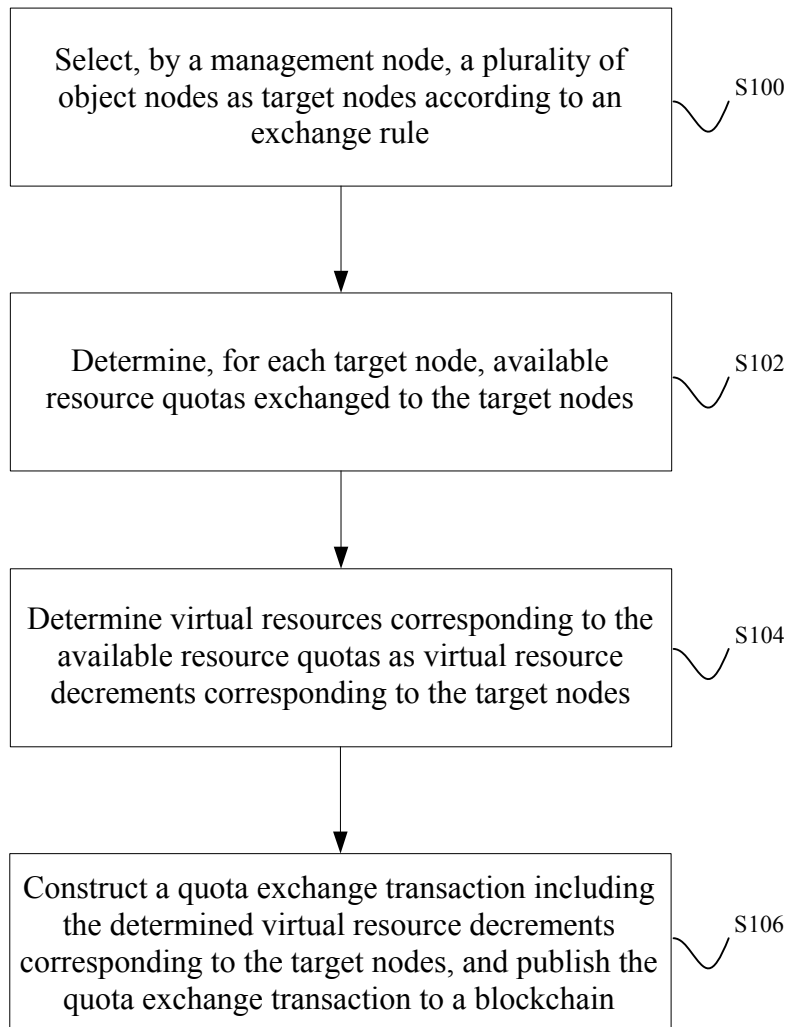


FIG. 1

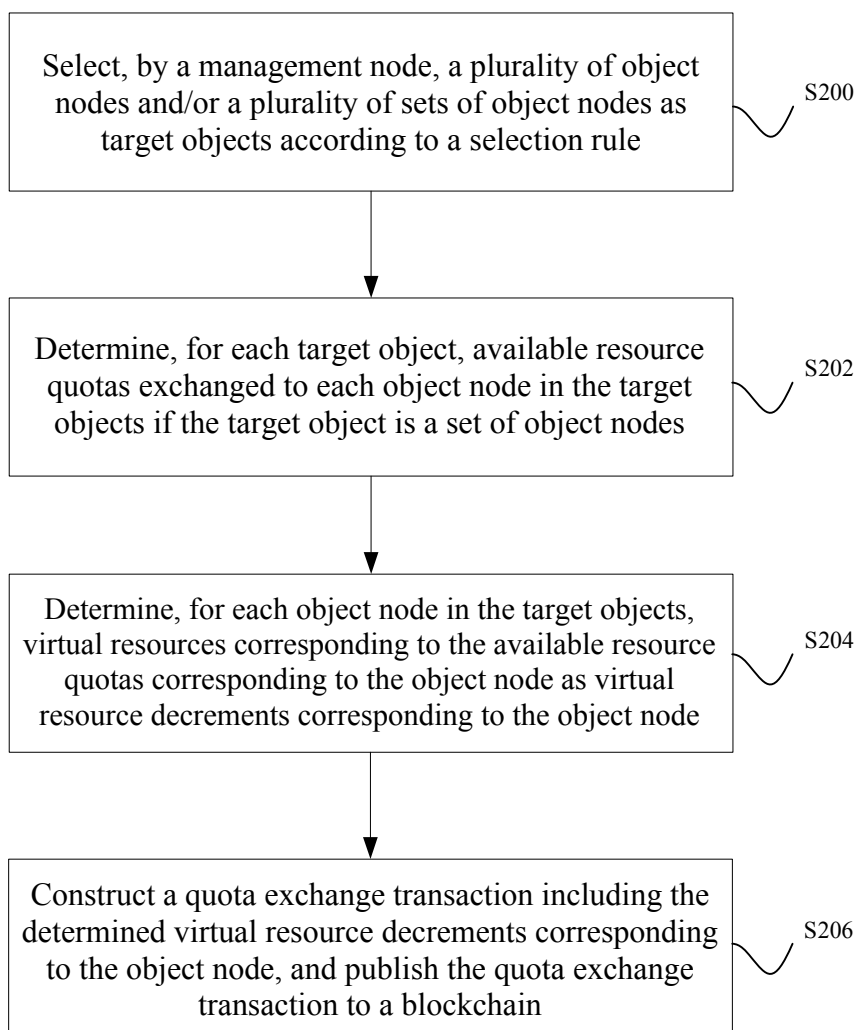


FIG. 2

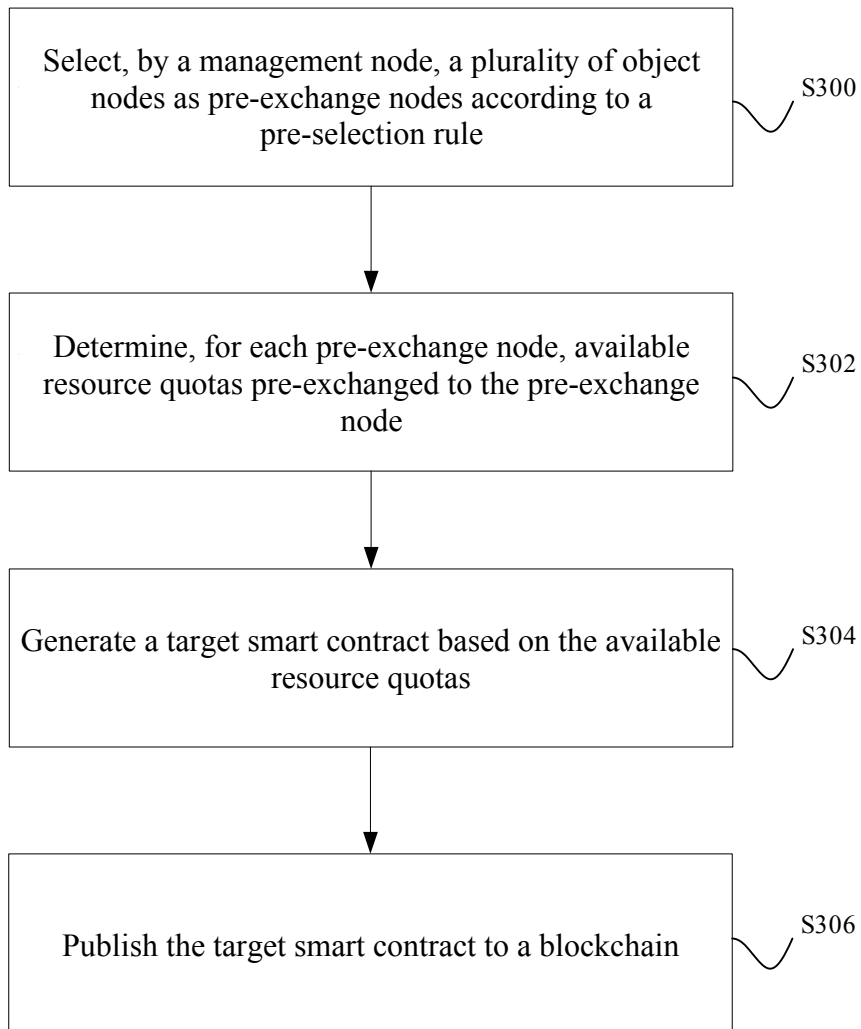


FIG. 3

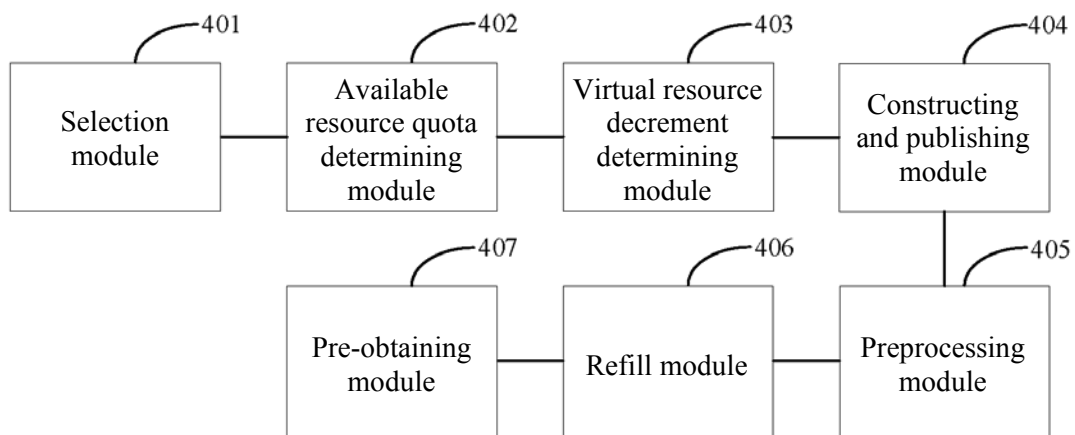


FIG. 4

Blockchain-based exchange system for available resource quotas

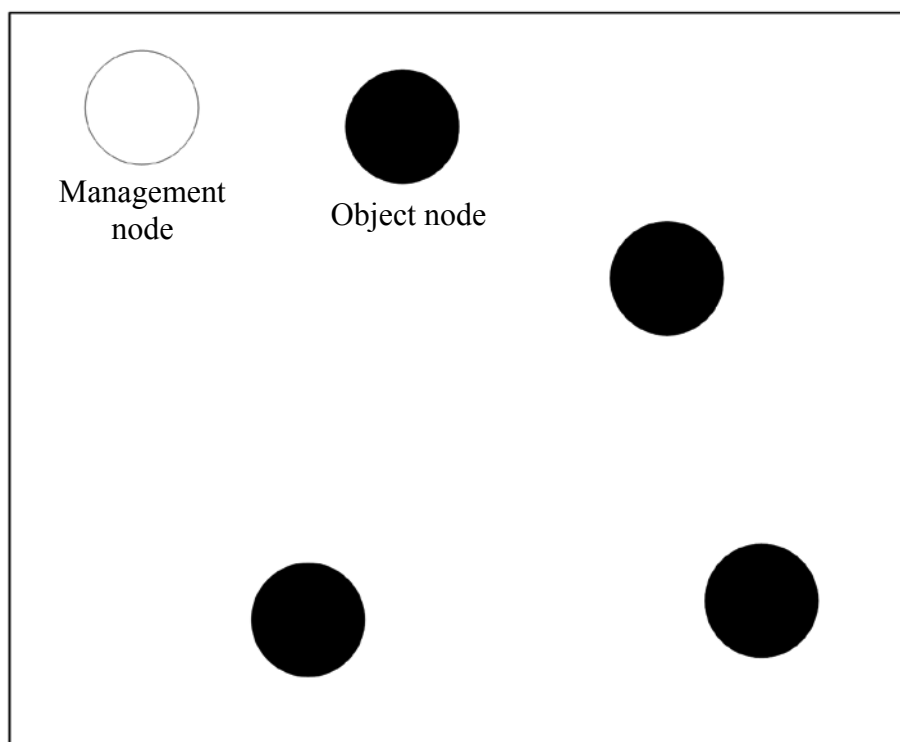


FIG. 5

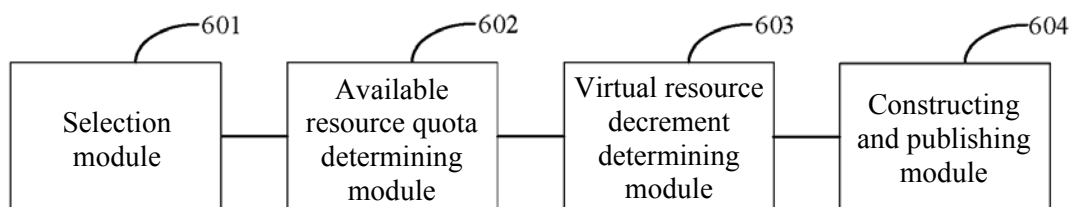


FIG. 6

Blockchain-based exchange system for available resource quotas

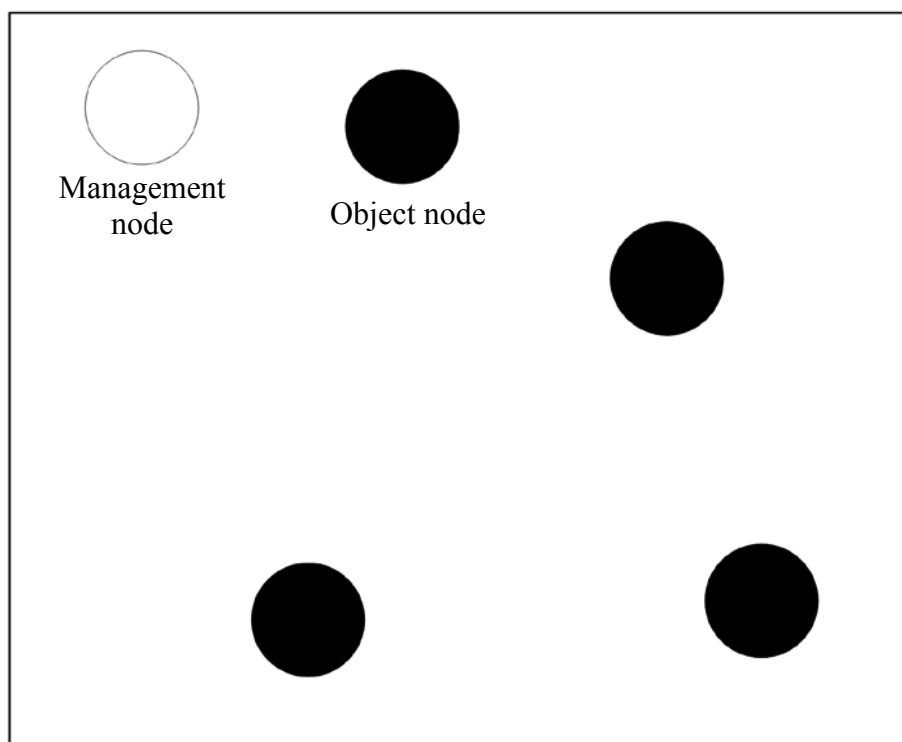


FIG. 7

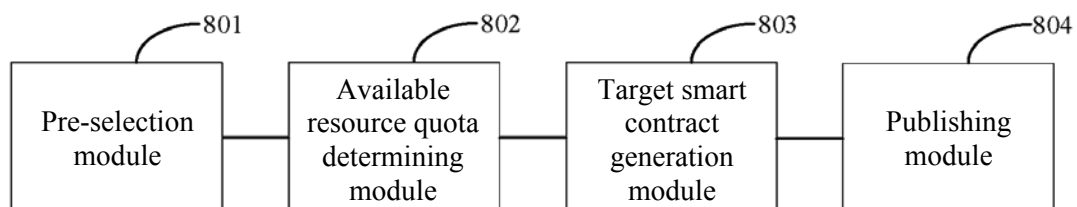


FIG. 8

Blockchain-based pre-exchange system for available resource quotas

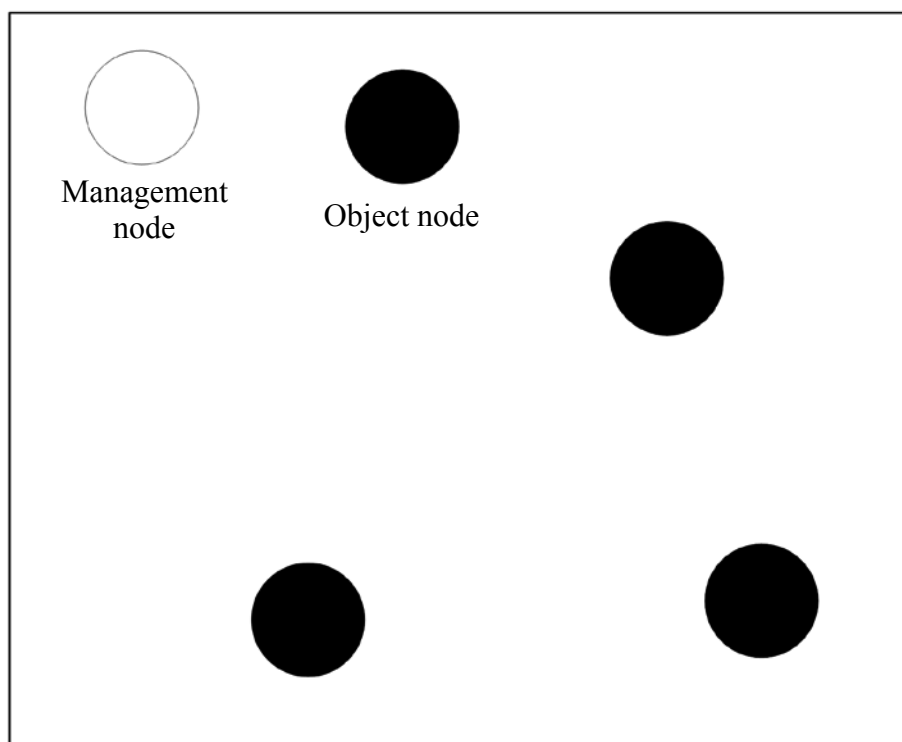


FIG. 9

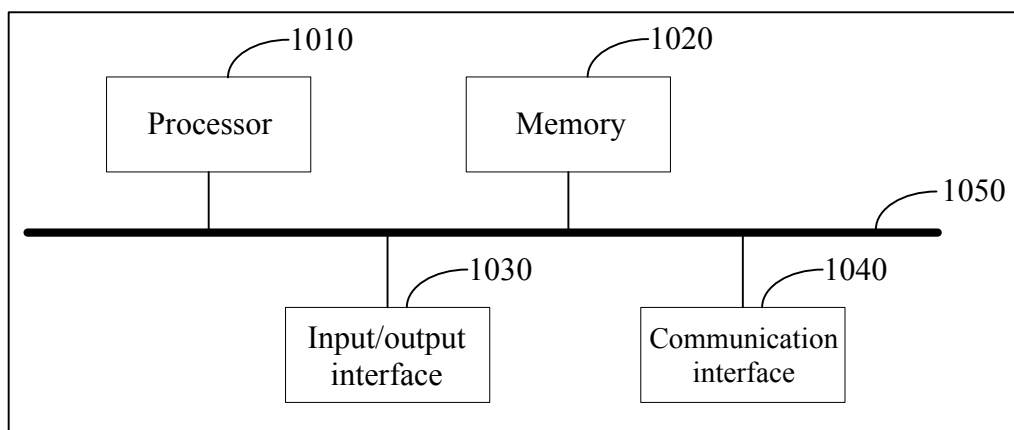


FIG. 10