

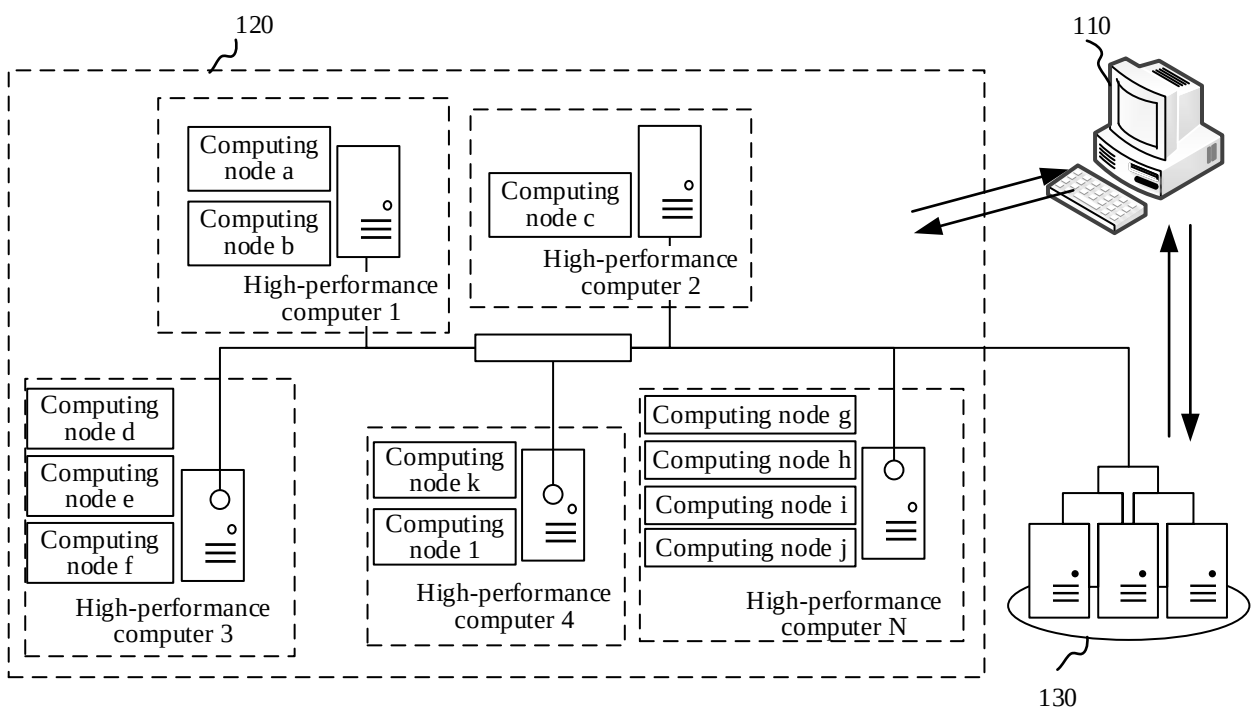


FIG. 1

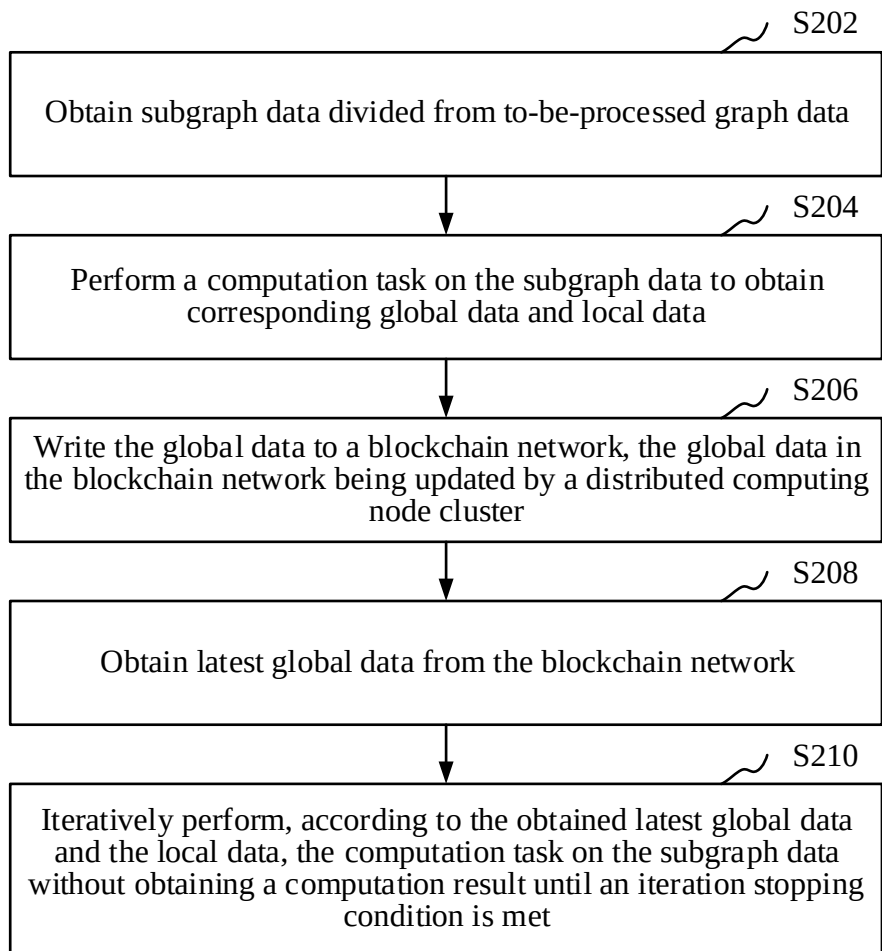


FIG. 2

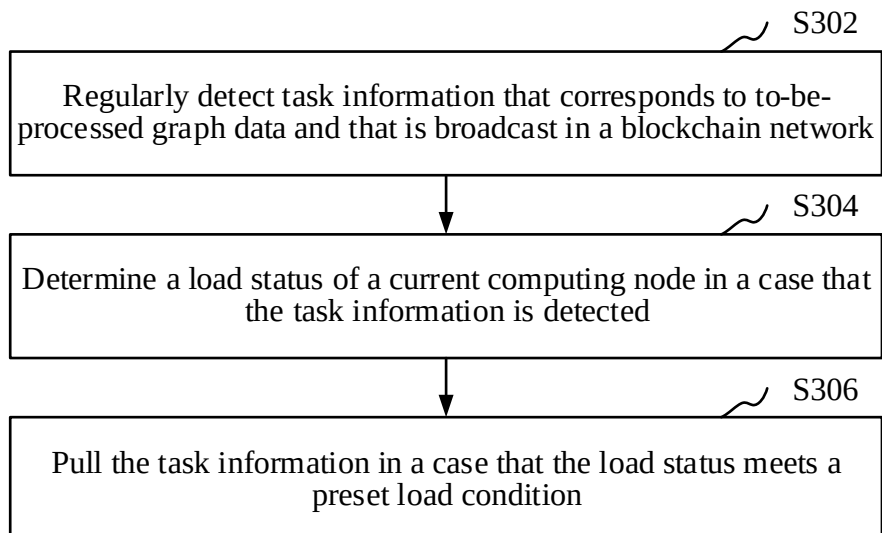


FIG. 3

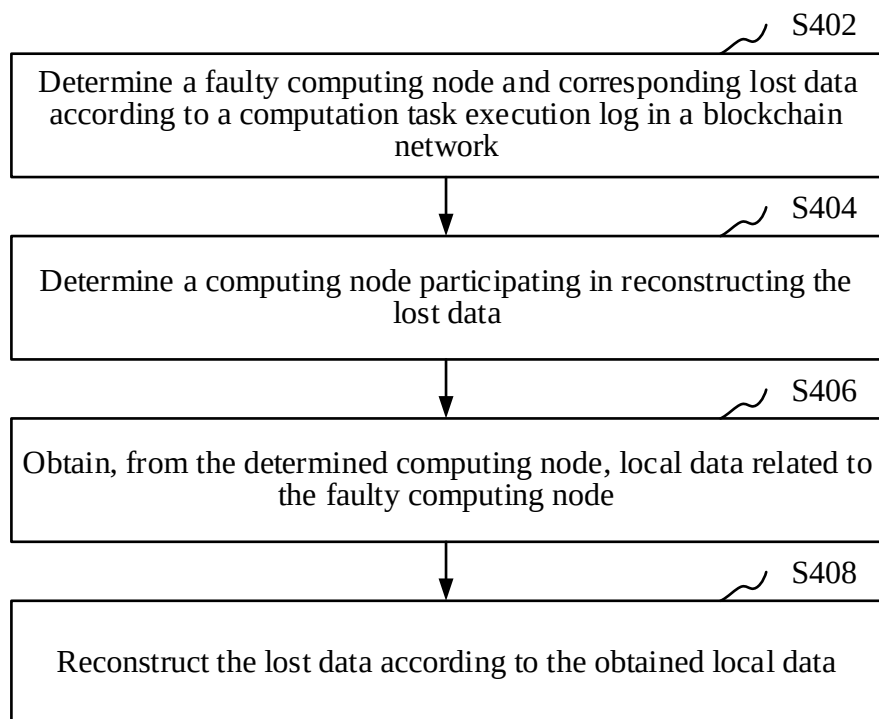


FIG. 4

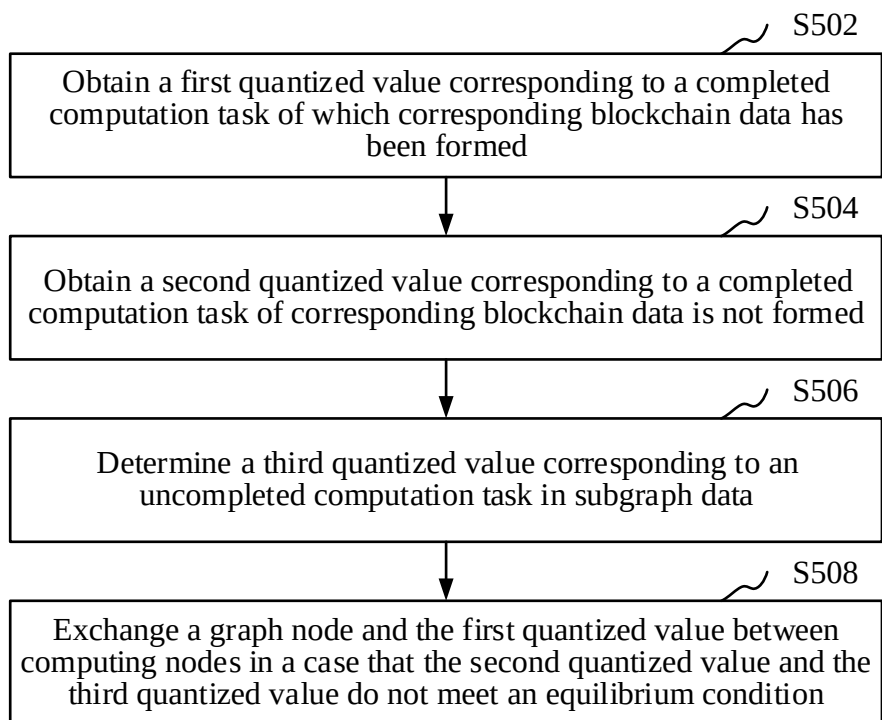


FIG. 5

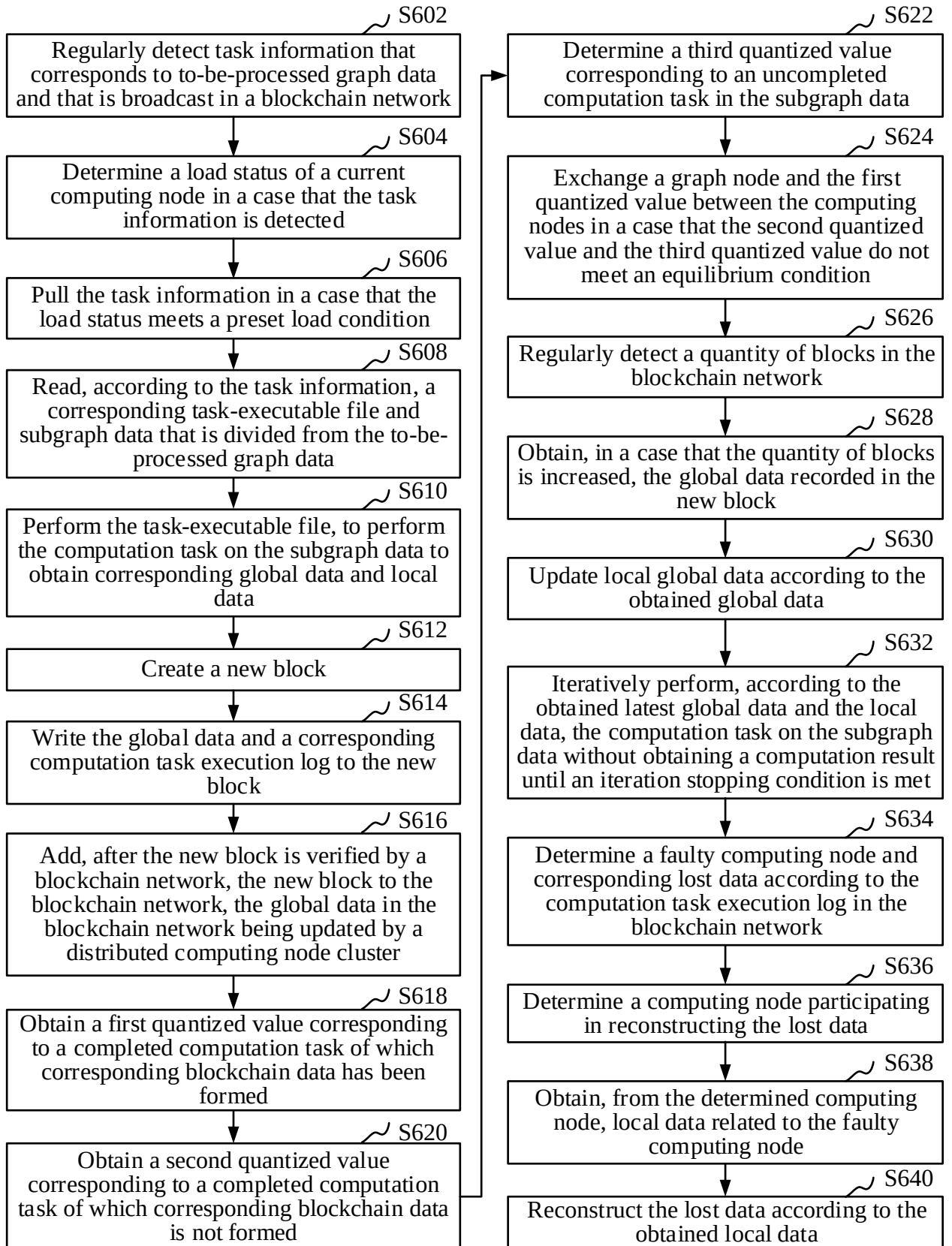


FIG. 6

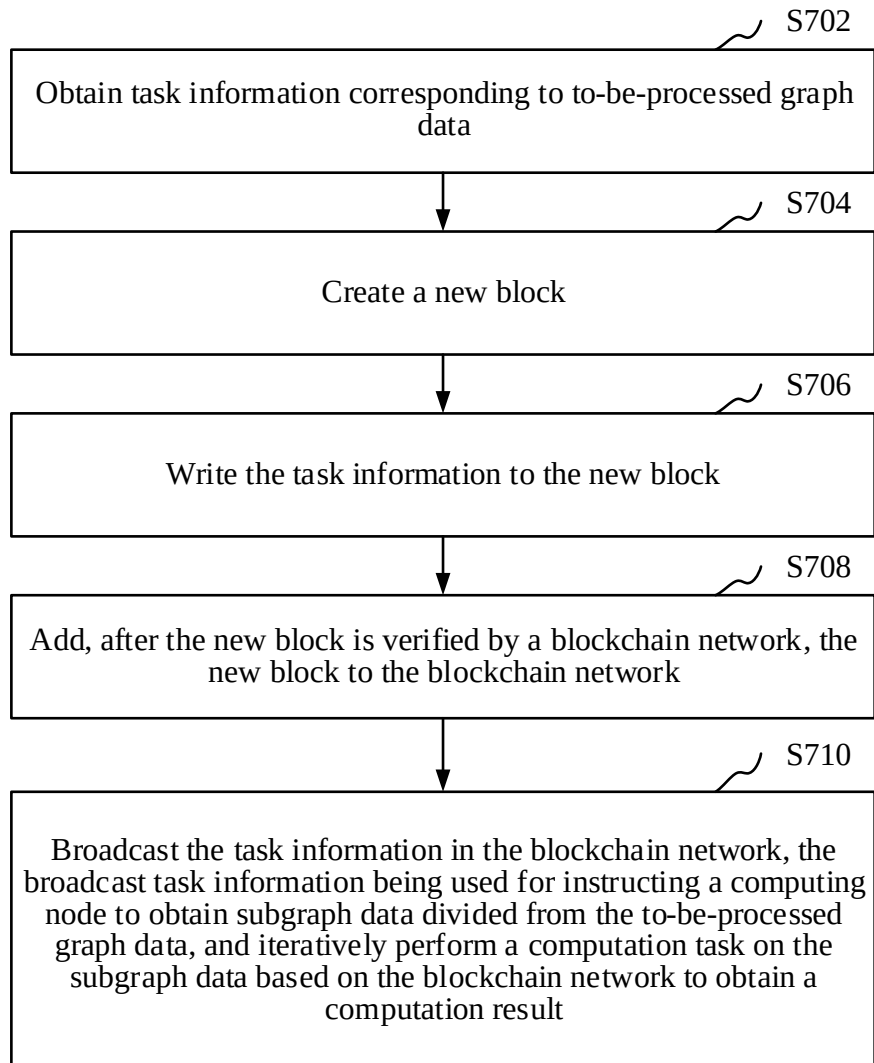


FIG. 7

Control end

Overview

Task

Status

Quantity of tasks

XXX

Quantity of tasks in running

XXX

Quantity of successful tasks

XXX

Quantity of failed tasks

XXX

Login name

XXX

Task name		Running time	Running command	Progress	Change
Task 1		XXX	XXX		■ ×
Task 2		XXX	XXX		■ ×
Task 3		XXX	XXX		■ ×
Task 4		XXX	XXX		▶ ■ ×

Algorithm parameter

Parameter 1

Input text

Allocating a resource

Parameter 2

Input text

Log content

Permission level

Failure retry

☒

Undo a change

Store a change

Add a task

FIG. 8

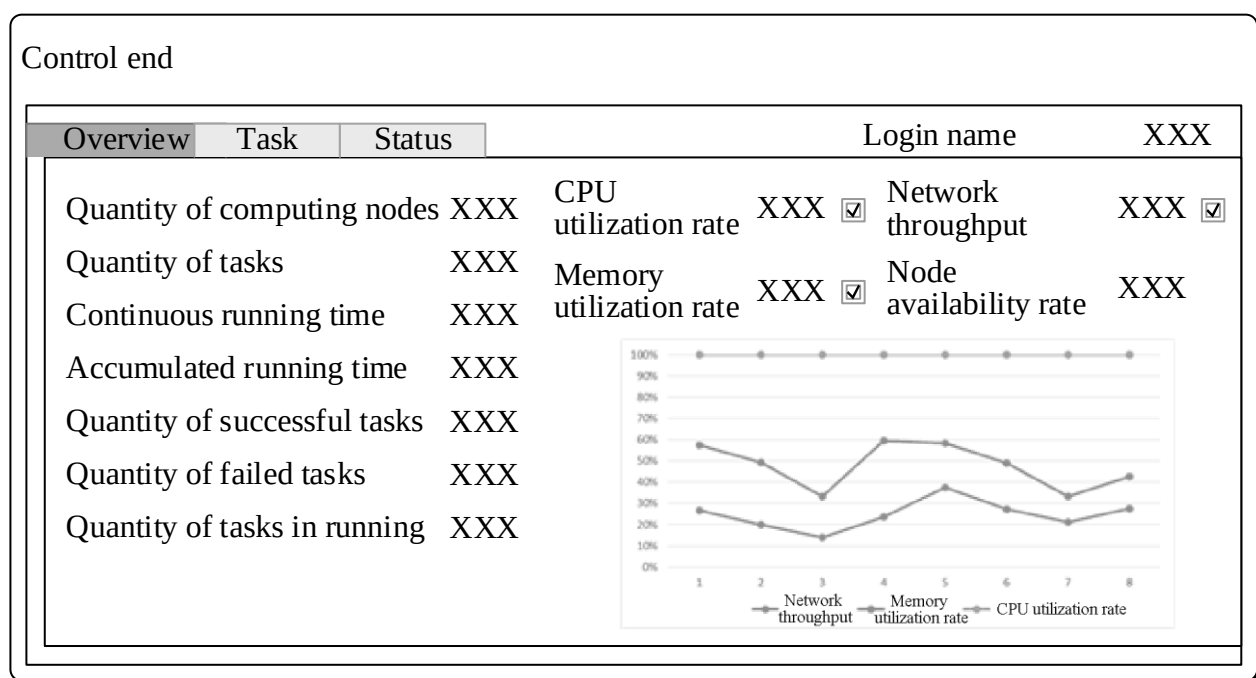


FIG. 9

Control end

OverviewTaskStatus

Quantity of computing nodesXXX

Computing node availability rateXXX

CPU utilization rateXXX

Quantity of faulty computing nodesXXX

Memory utilization rateXXX

Network throughputXXX

Computing node name

Running time

Current status

Load rate

Check log

Node 1

▼

XXX

Computing

Log

Node 2

▼

XXX

Synchronizing

Log

Node 3

▼

XXX

Computing

Log

Node 4

▲

XXX

Waiting

Log

Global data

Parameter 1

Input text

Node parameter

Parameter 2

Input text

Log option

Computation task

Failure retry☒

Debugger

Store a change

Add a node

FIG. 10

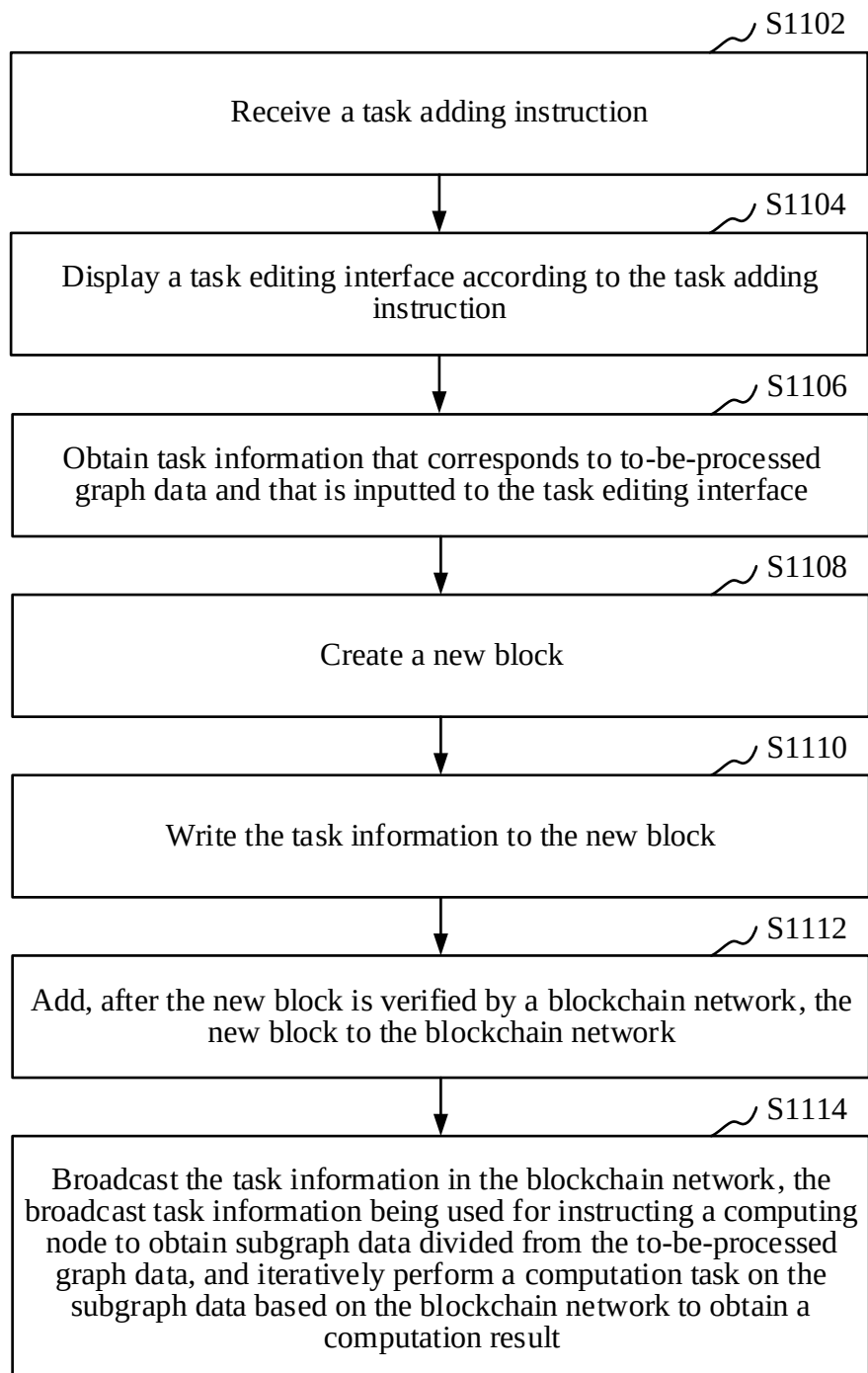


FIG. 11

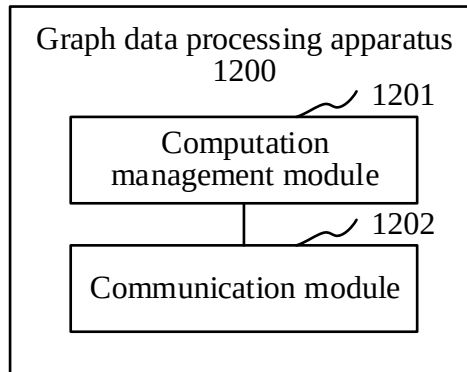


FIG. 12

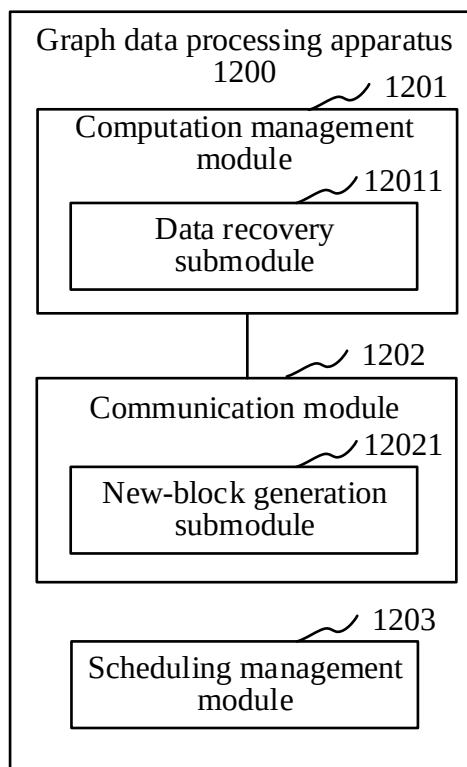


FIG. 13

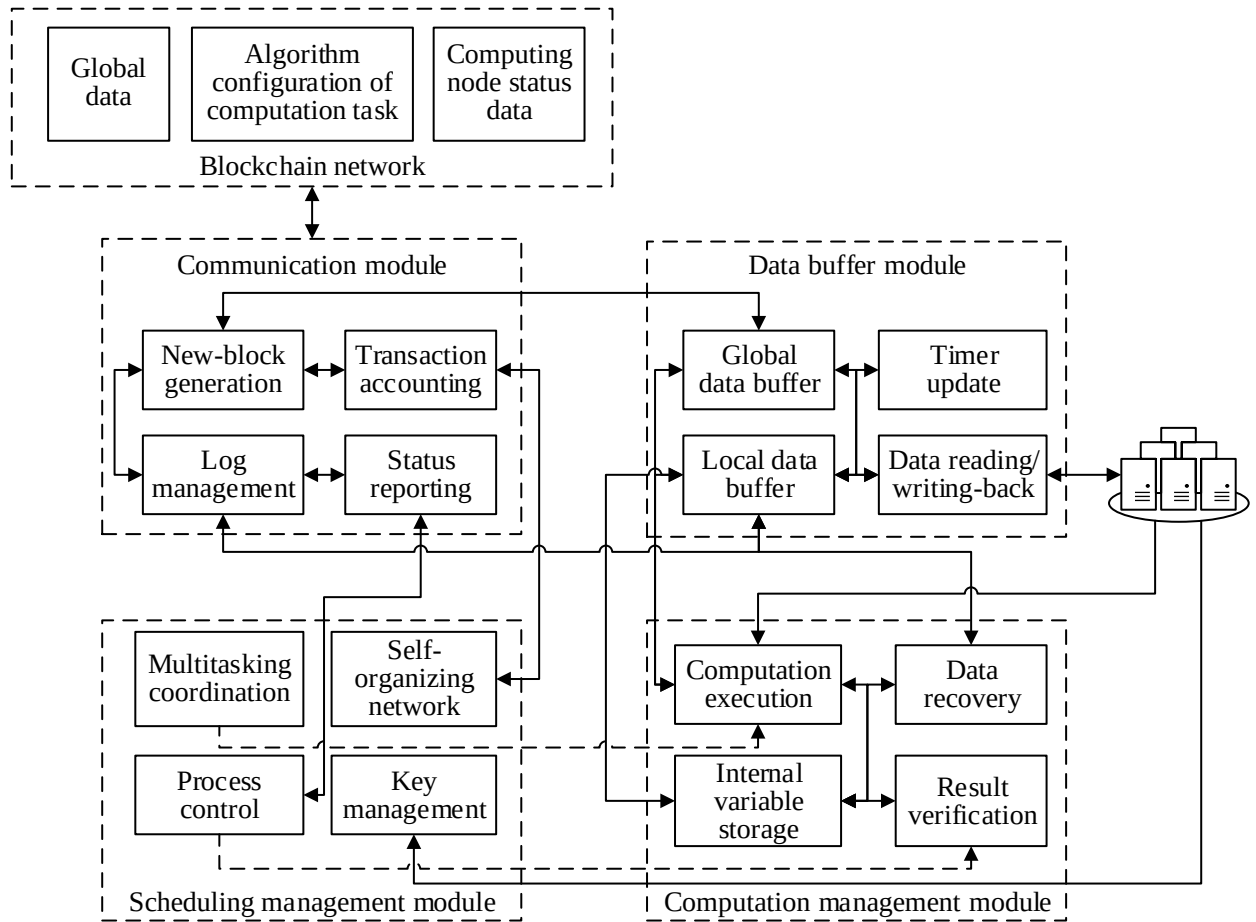


FIG. 14

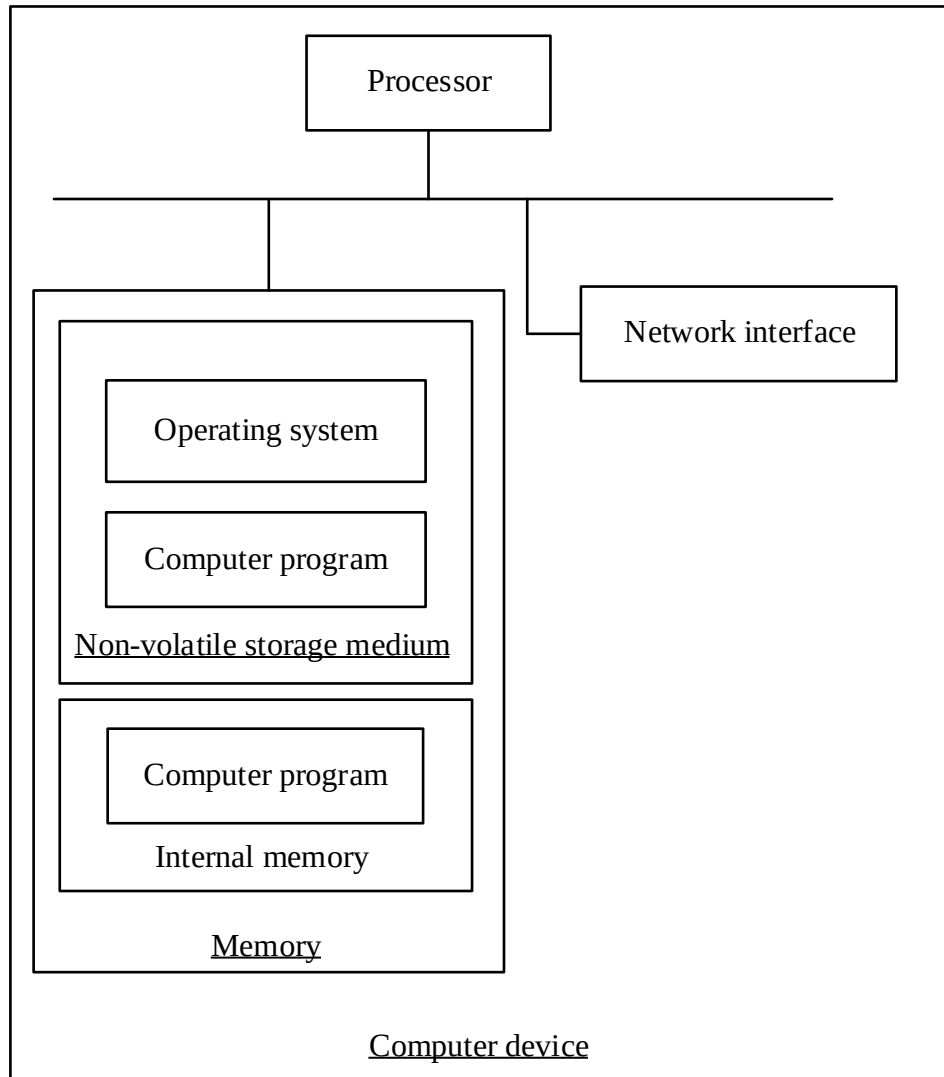


FIG. 15

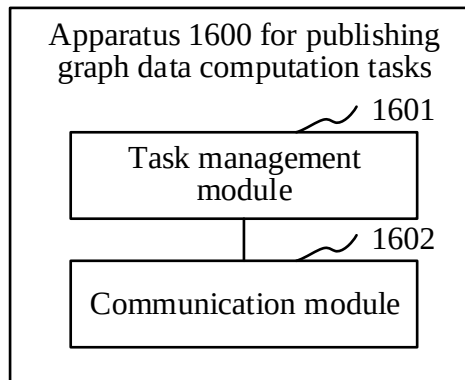


FIG. 16

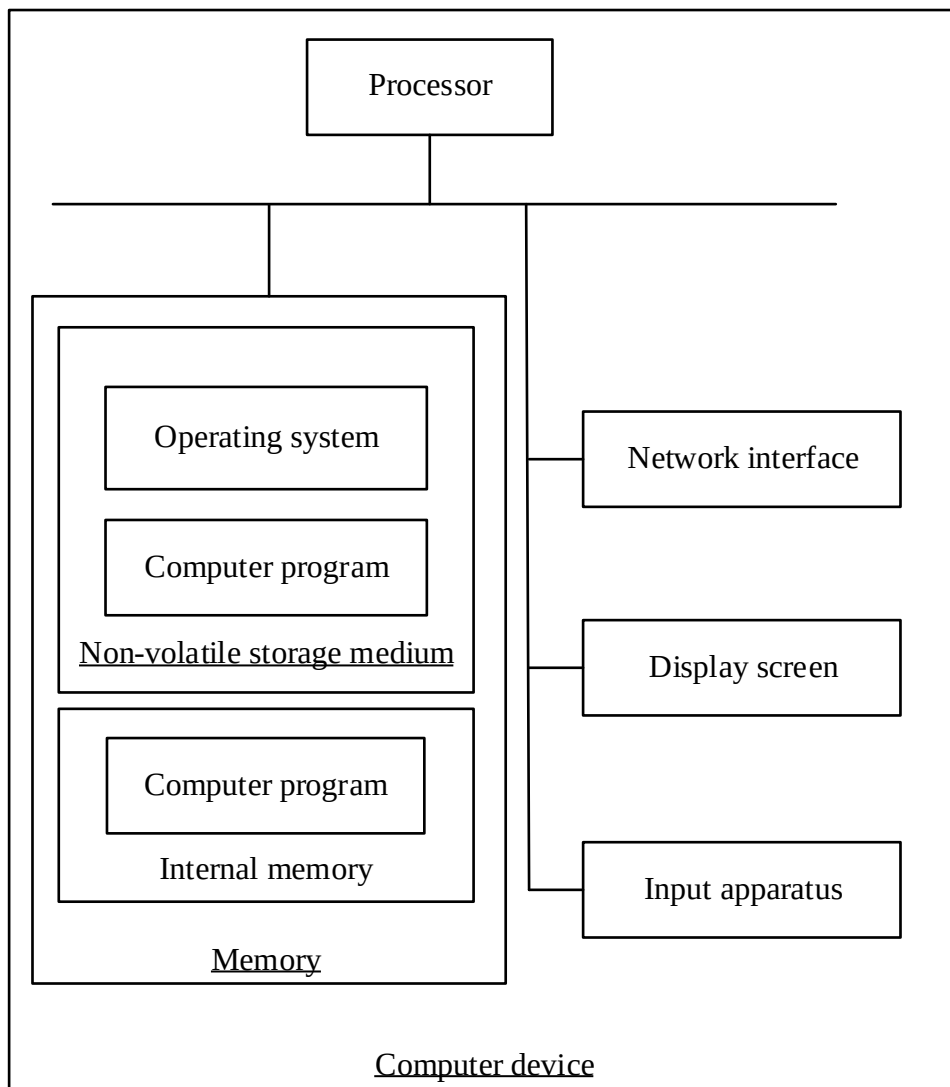


FIG. 17