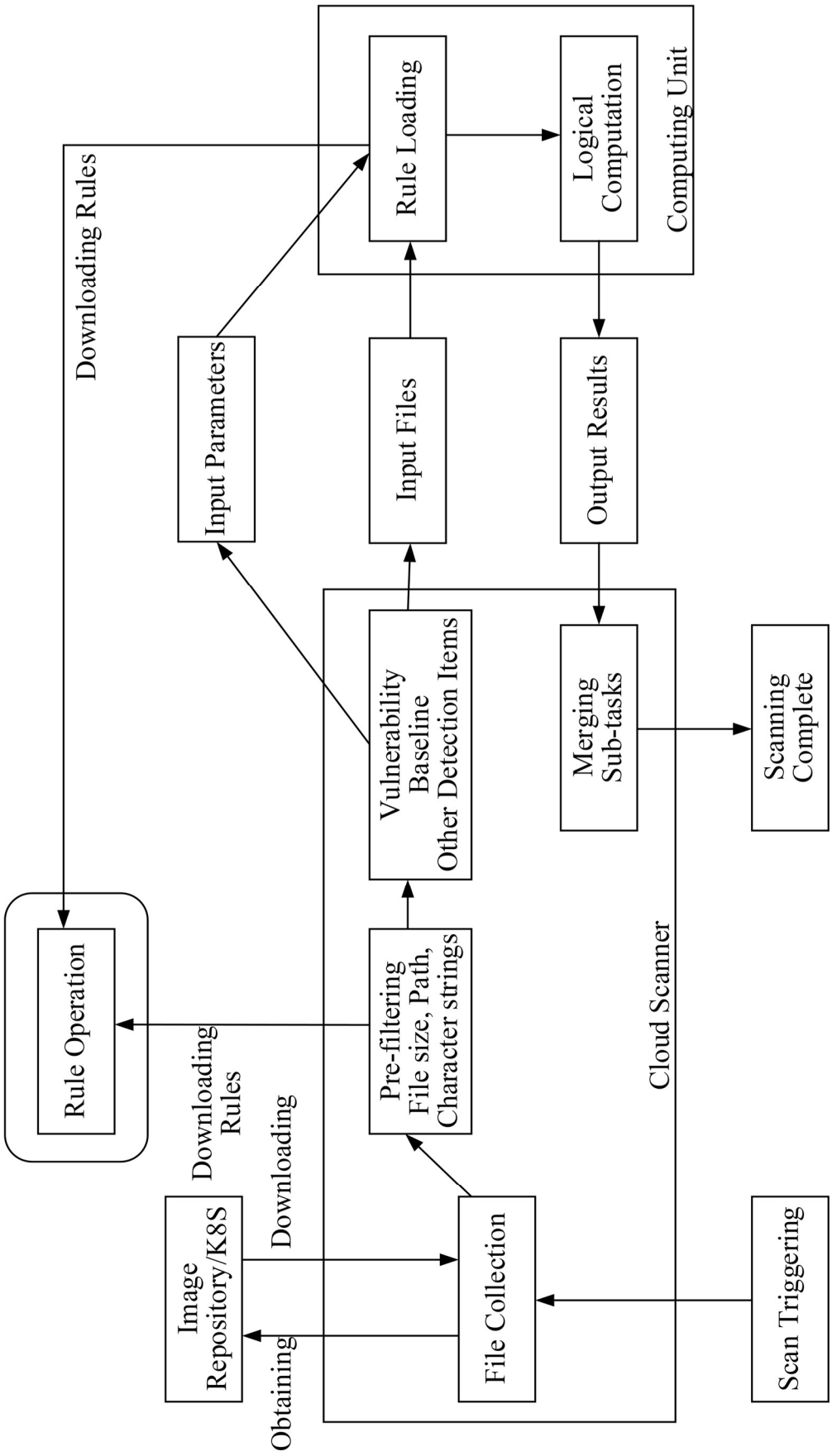

Downloading Rules
Computing Unit
Rule Loading
Logical Computation
Input Parameters
Input Files
Output Results
Vulnerability Baseline Other Detection Items
Merging Sub-tasks
Scanning Complete
Rule Operation
Pre-filtering File size, Path, Character strings
Cloud Scanner
Downloading Rules
Downloading
Image Repository/K8S
Obtaining
File Collection
Scan Triggering

FIG. 1

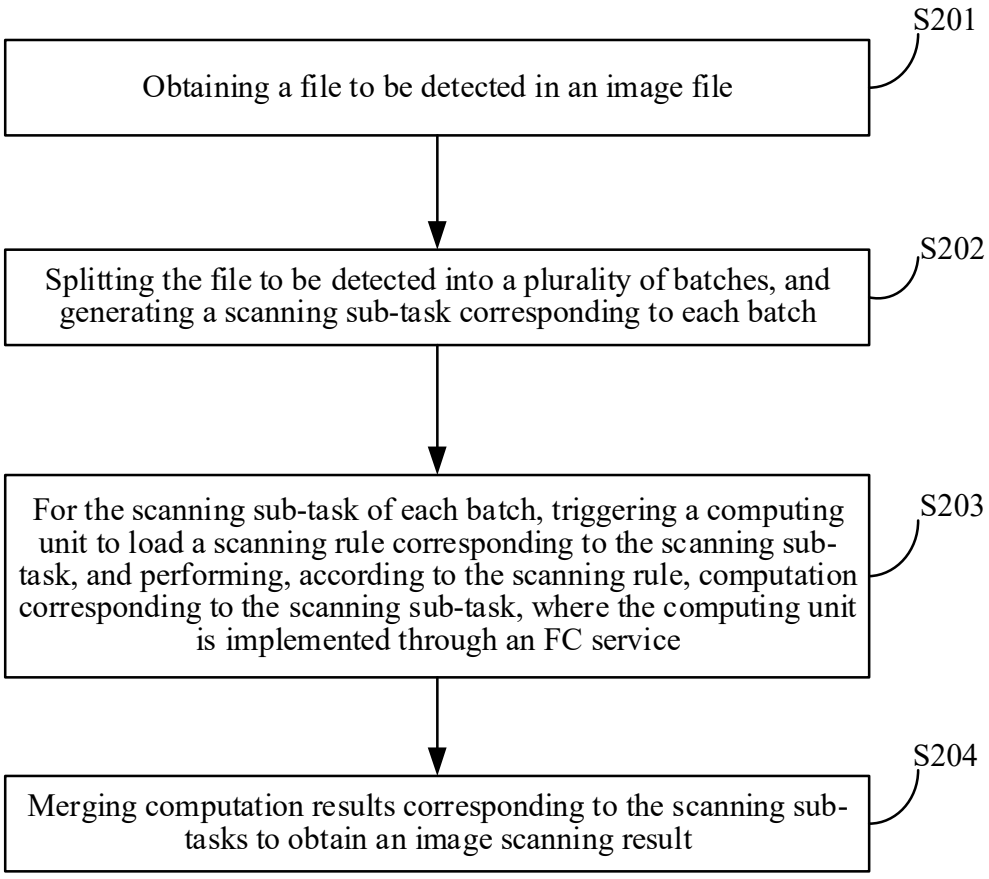

S201
Obtaining a file to be detected in an image file
S202
Splitting the file to be detected into a plurality of batches, and generating a scanning sub-task corresponding to each batch
S203
For the scanning sub-task of each batch, triggering a computing unit to load a scanning rule corresponding to the scanning sub-task, and performing, according to the scanning rule, computation corresponding to the scanning sub-task, where the computing unit is implemented through an FC service
S204
Merging computation results corresponding to the scanning sub-tasks to obtain an image scanning result

FIG. 2

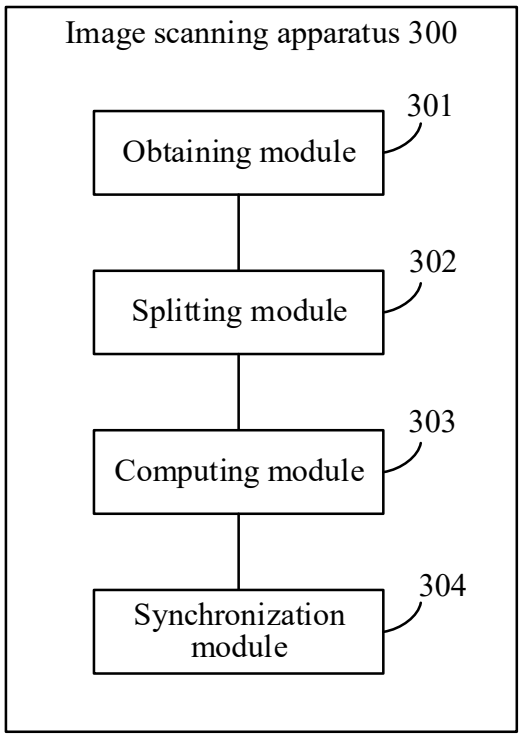

Image scanning apparatus 300
301
Obtaining module
302
Splitting module
303
Computing module
304
Synchronization module

FIG. 3

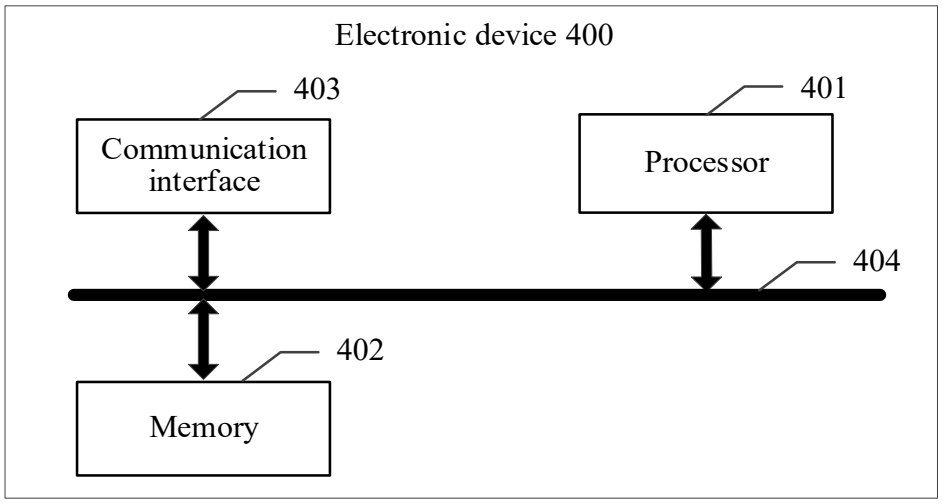

Electronic device 400
403
Communication interface
401
Processor
404
402
Memory

FIG. 4