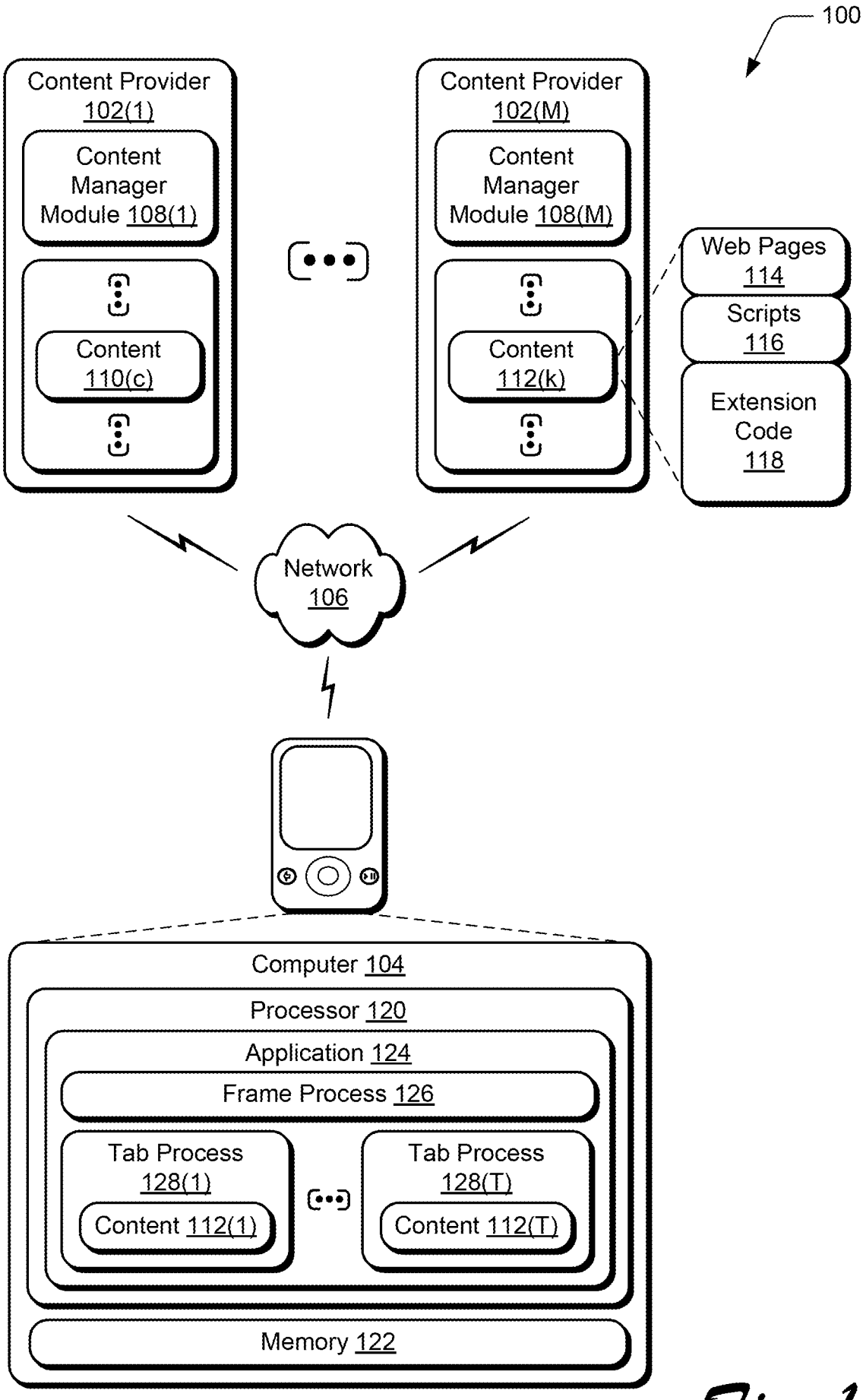

100
Content Provider
102(1)
Content Manager Module 108(1)
Content 110(c)
Content Provider
102(M)
Content Manager Module 108(M)
Content 112(k)
Web Pages 114
Scripts 116
Extension Code 118
Network 106
Computer 104
Processor 120
Application 124
Frame Process 126
Tab Process 128(1)
Content 112(1)
Tab Process 128(T)
Content 112(T)
Memory 122

Fig. 1

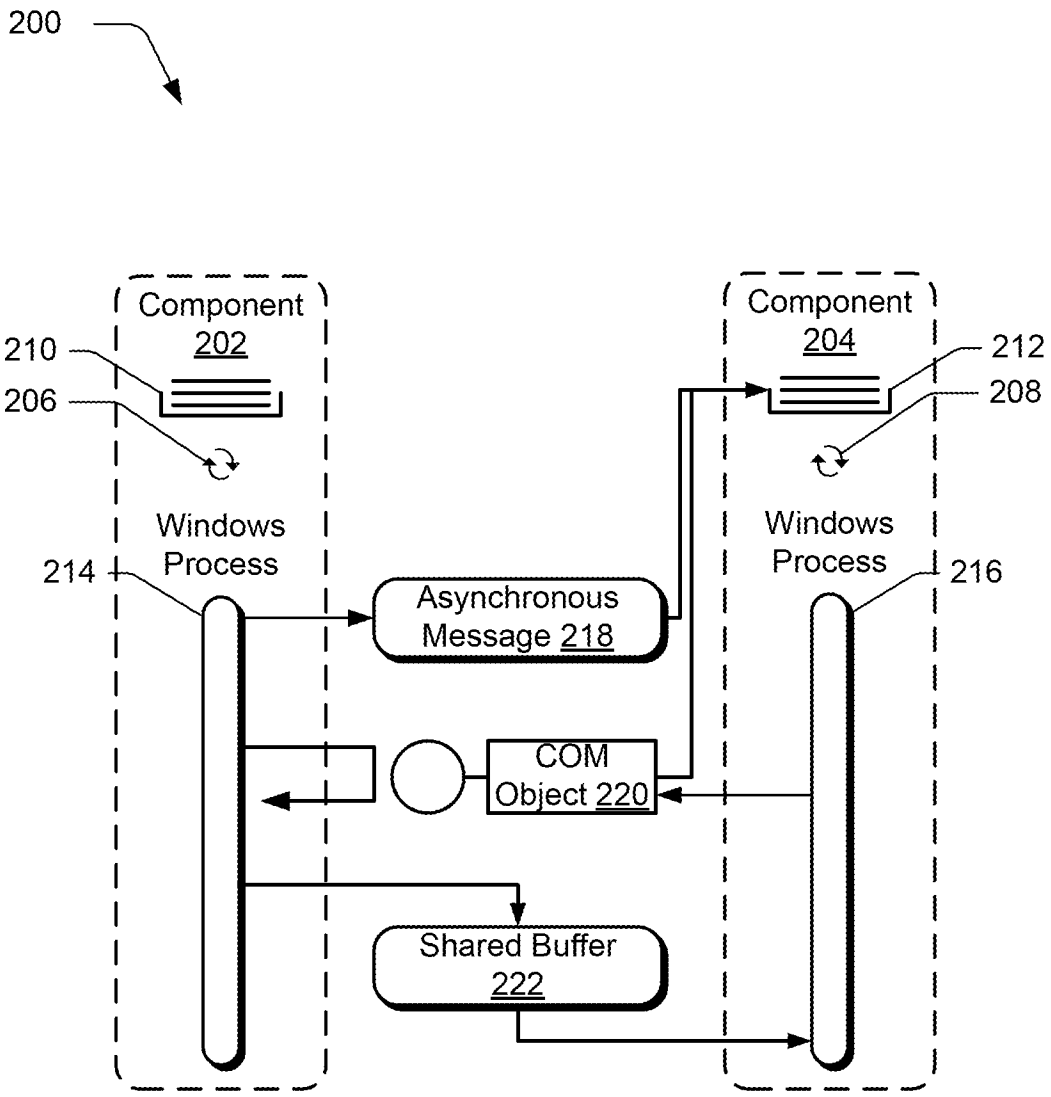

200
Component
202
210
206
Windows
Process
214
Component
204
212
208
Windows
Process
216
Asynchronous
Message 218
COM
Object 220
Shared Buffer
222

Fig. 2

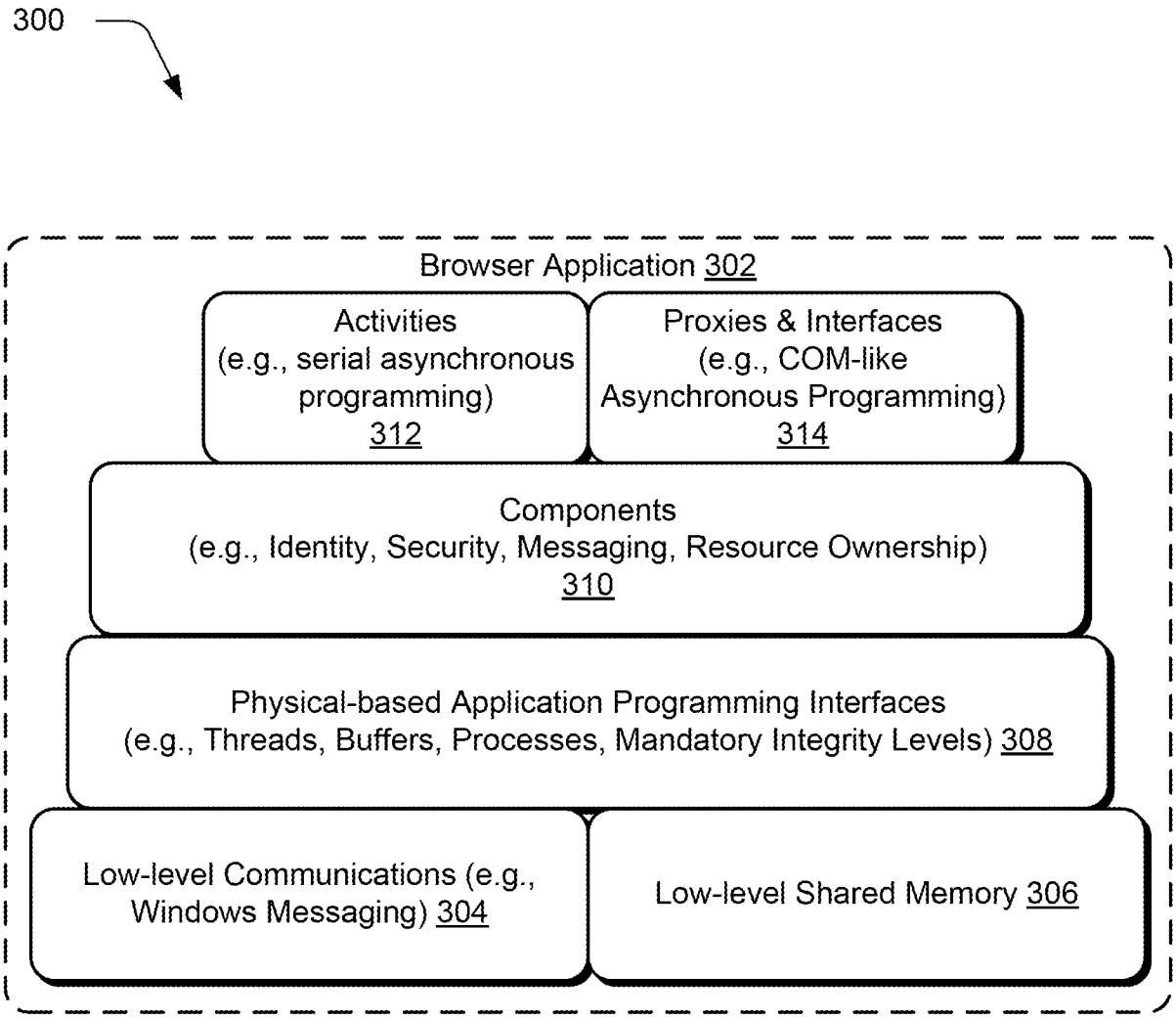

300
Browser Application 302
Activities
(e.g., serial asynchronous programming)
312
Proxies & Interfaces
(e.g., COM-like Asynchronous Programming)
314
Components
(e.g., Identity, Security, Messaging, Resource Ownership)
310
Physical-based Application Programming Interfaces
(e.g., Threads, Buffers, Processes, Mandatory Integrity Levels) 308
Low-level Communications (e.g., Windows Messaging) 304
Low-level Shared Memory 306

Fig. 3

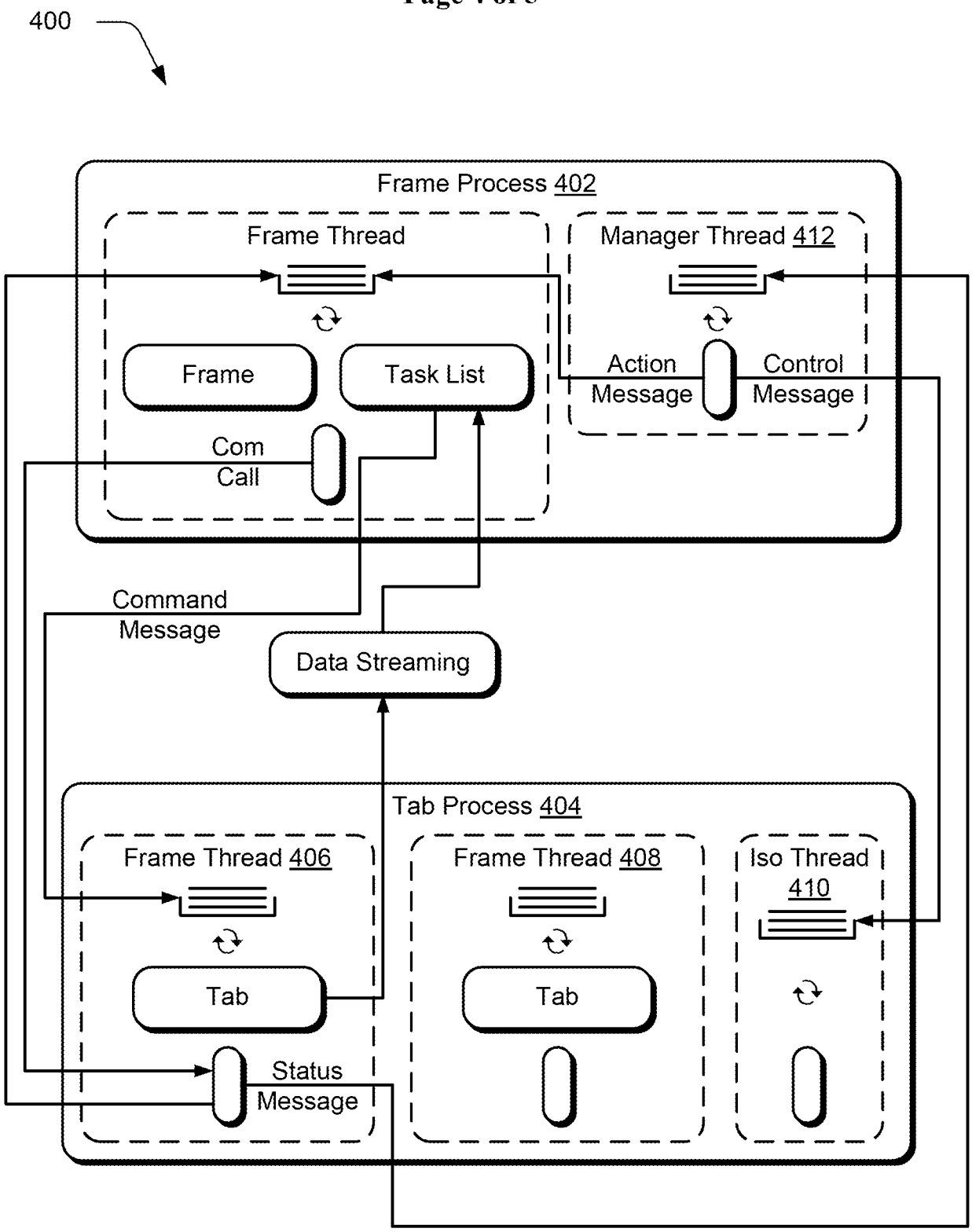

400
Frame Process 402
Frame Thread
Manager Thread 412
Frame
Task List
Action Message
Control Message
Com Call
Command Message
Data Streaming
Tab Process 404
Frame Thread 406
Frame Thread 408
Iso Thread 410
Tab
Tab
Status Message

Fig. 4

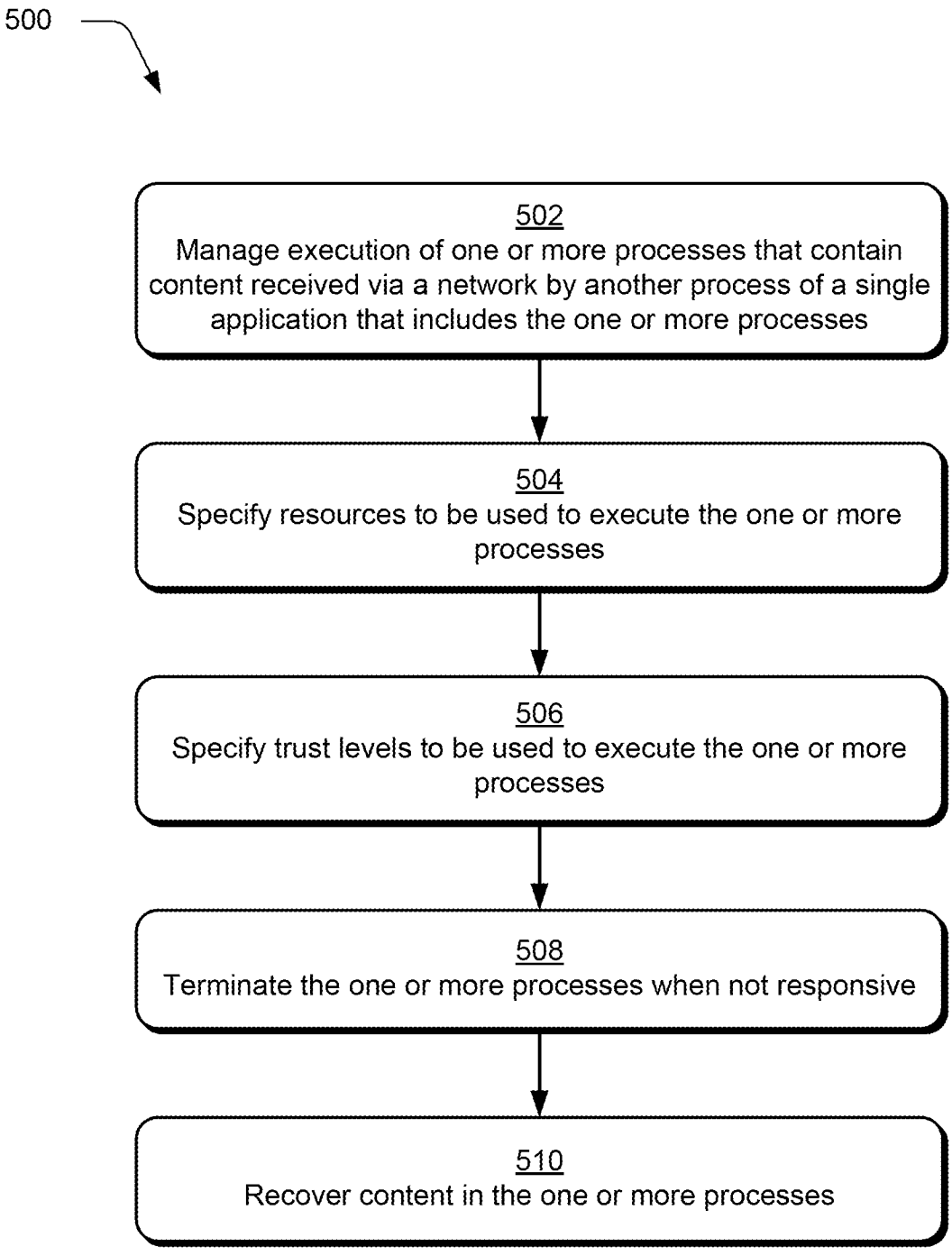

500
502
Manage execution of one or more processes that contain content received via a network by another process of a single application that includes the one or more processes
504
Specify resources to be used to execute the one or more processes
506
Specify trust levels to be used to execute the one or more processes
508
Terminate the one or more processes when not responsive
510
Recover content in the one or more processes

Fig. 5