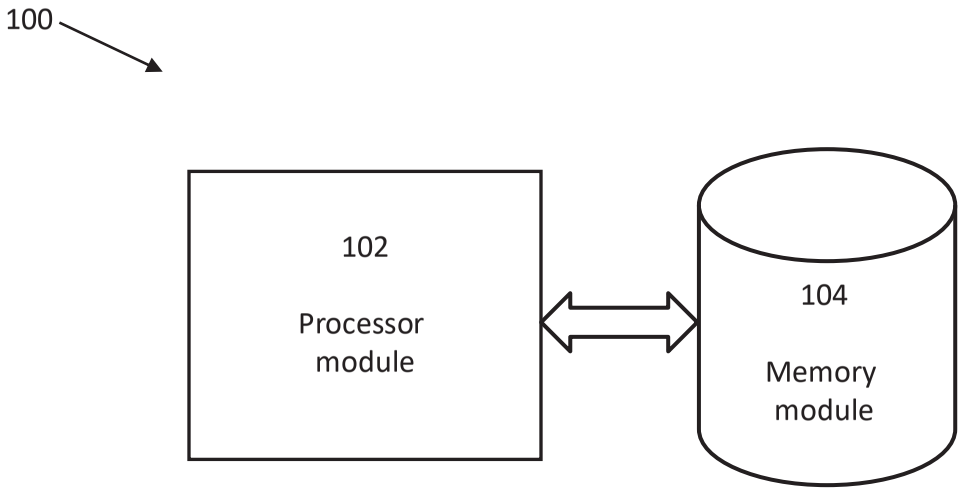

Figure 1

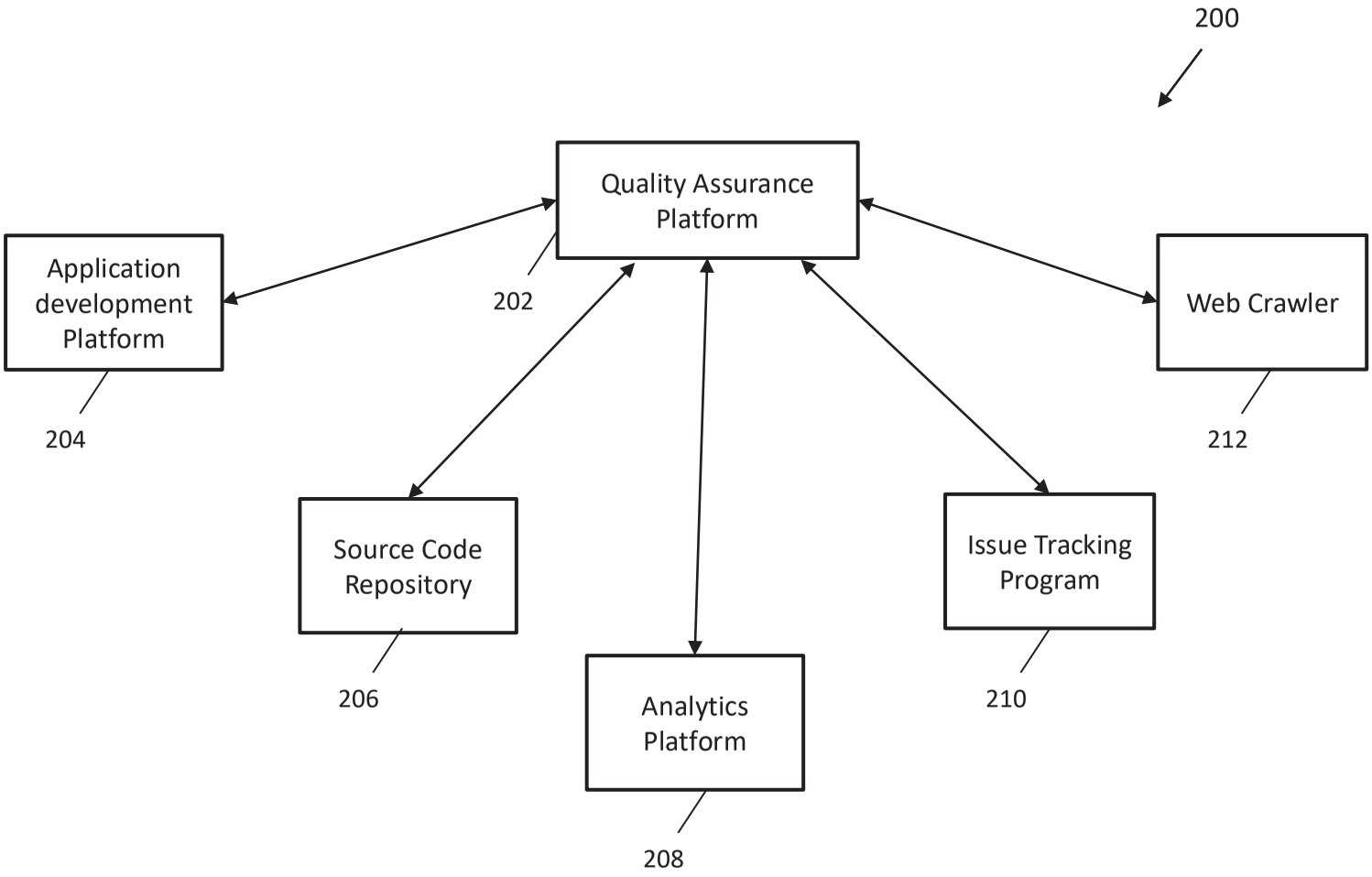
200
Quality Assurance Platform
202
Application development Platform
204
Web Crawler
212
Source Code Repository
206
Analytics Platform
208
Issue Tracking Program
210

Figure 2

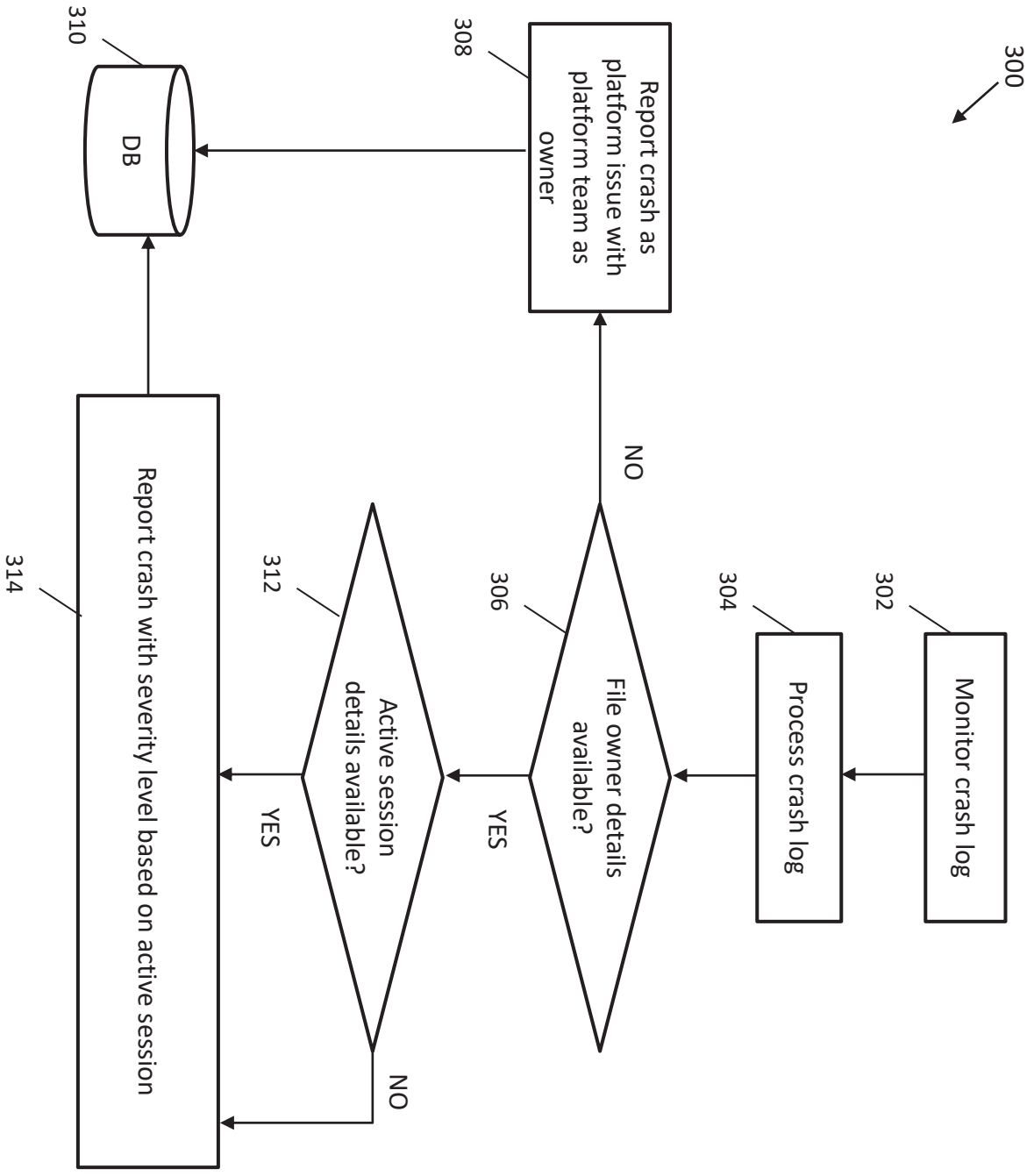
300
Monitor crash log
302
Process crash log
304
File owner details available?
306
YES
NO
Active session details available?
312
YES
NO
Report crash as platform issue with platform team as owner
308
Report crash with severity level based on active session
314
DB
310

Figure 3

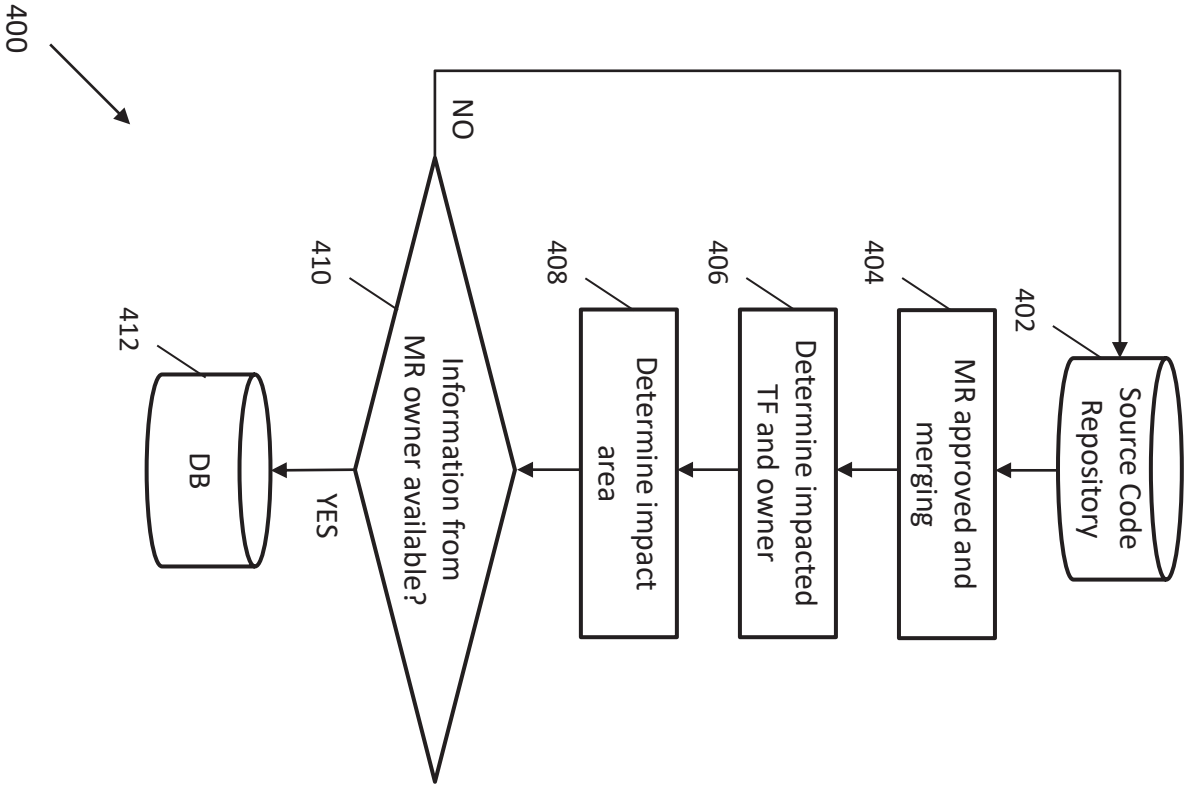
400
Source Code Repository
402
MR approved and merging
404
Determine impacted TF and owner
406
Determine impact area
408
Information from MR owner available?
410
NO
YES
DB
412

Figure 4

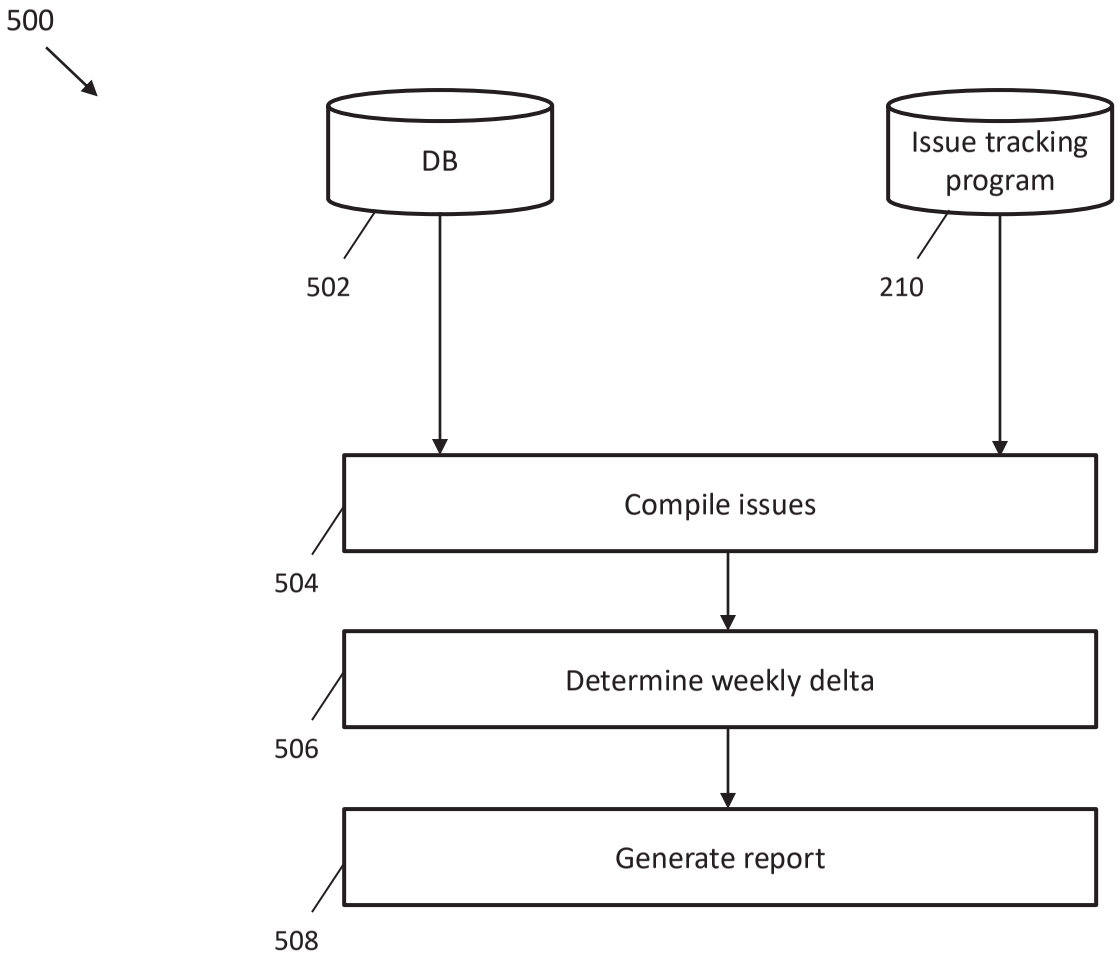
500
DB
Issue tracking program
502
210
Compile issues
504
Determine weekly delta
506
Generate report
508

Figure 5

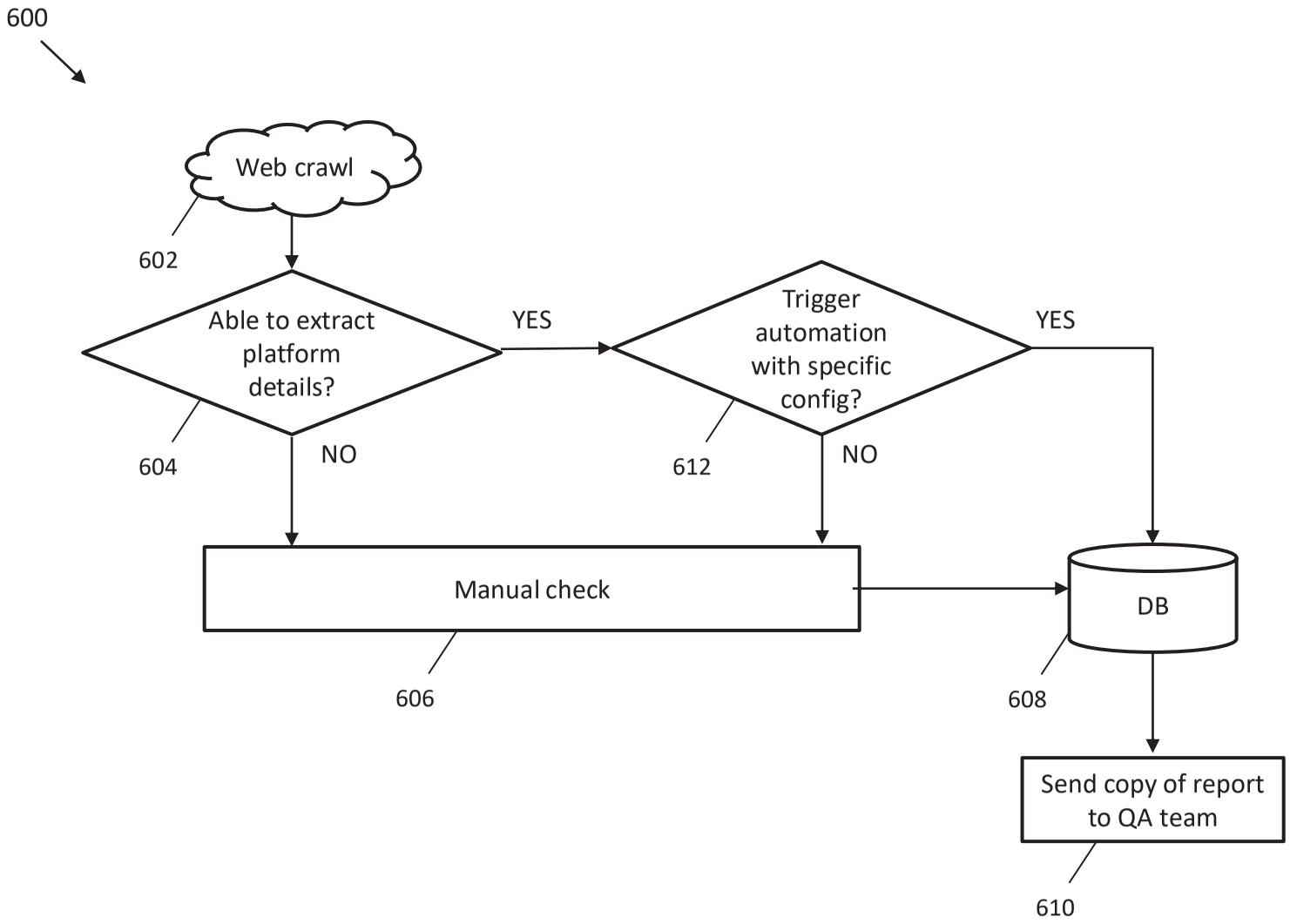
600
Web crawl
602
Able to extract platform details?
YES
NO
604
Trigger automation with specific config?
YES
NO
612
Manual check
606
DB
608
Send copy of report to QA team
610

Figure 6

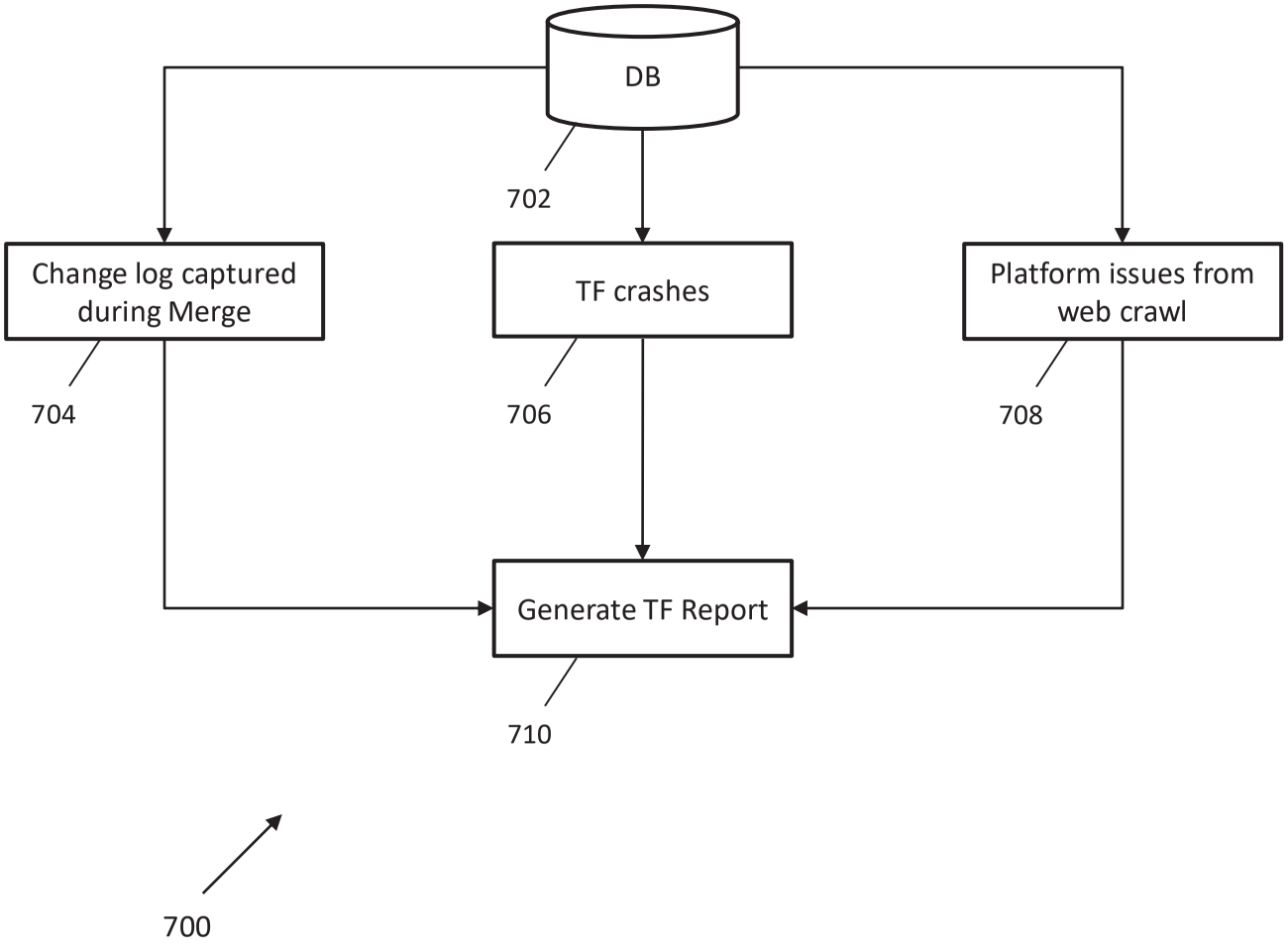
DB
702
Change log captured during Merge
TF crashes
Platform issues from web crawl
704
706
708
Generate TF Report
710
700

Figure 7

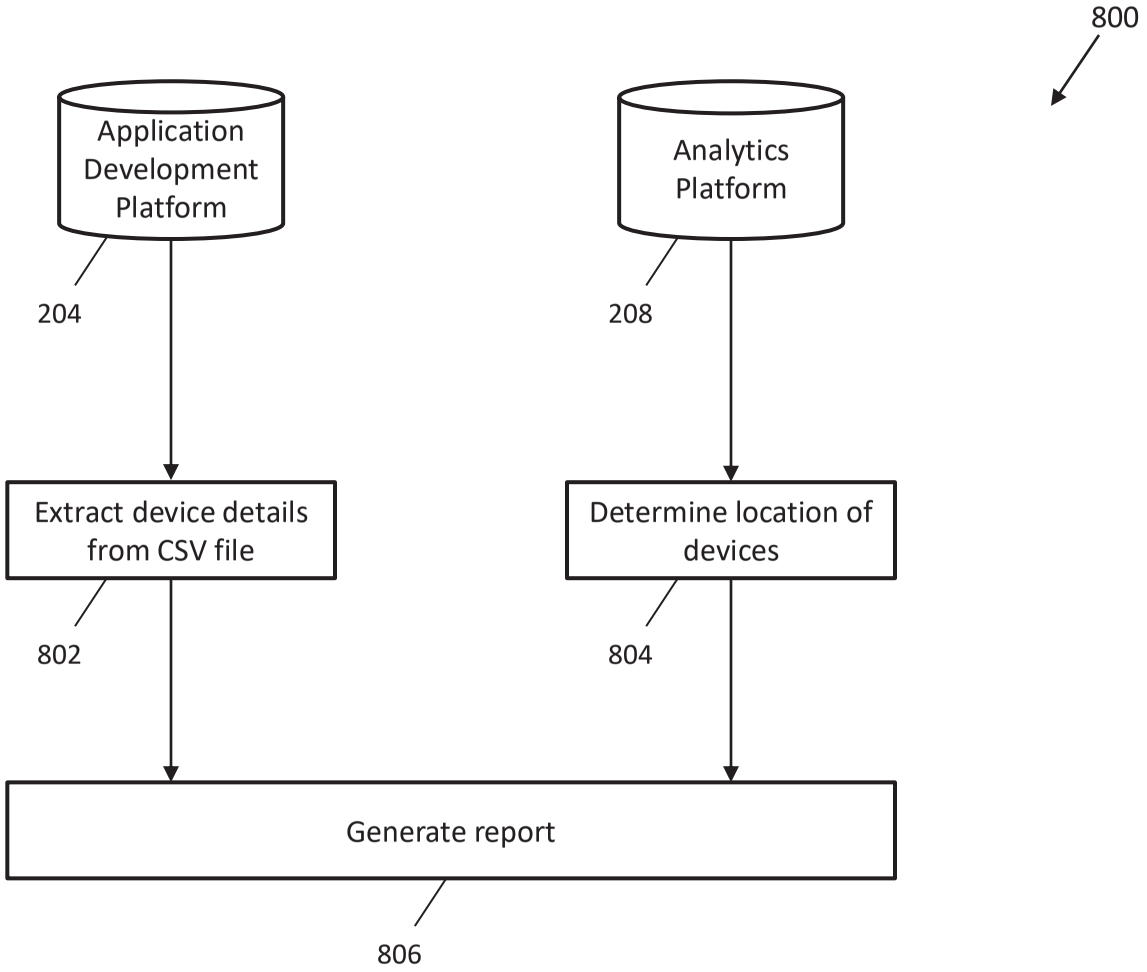
800
Application Development Platform
Analytics Platform
204
208
Extract device details from CSV file
Determine location of devices
802
804
Generate report
806

Figure 8

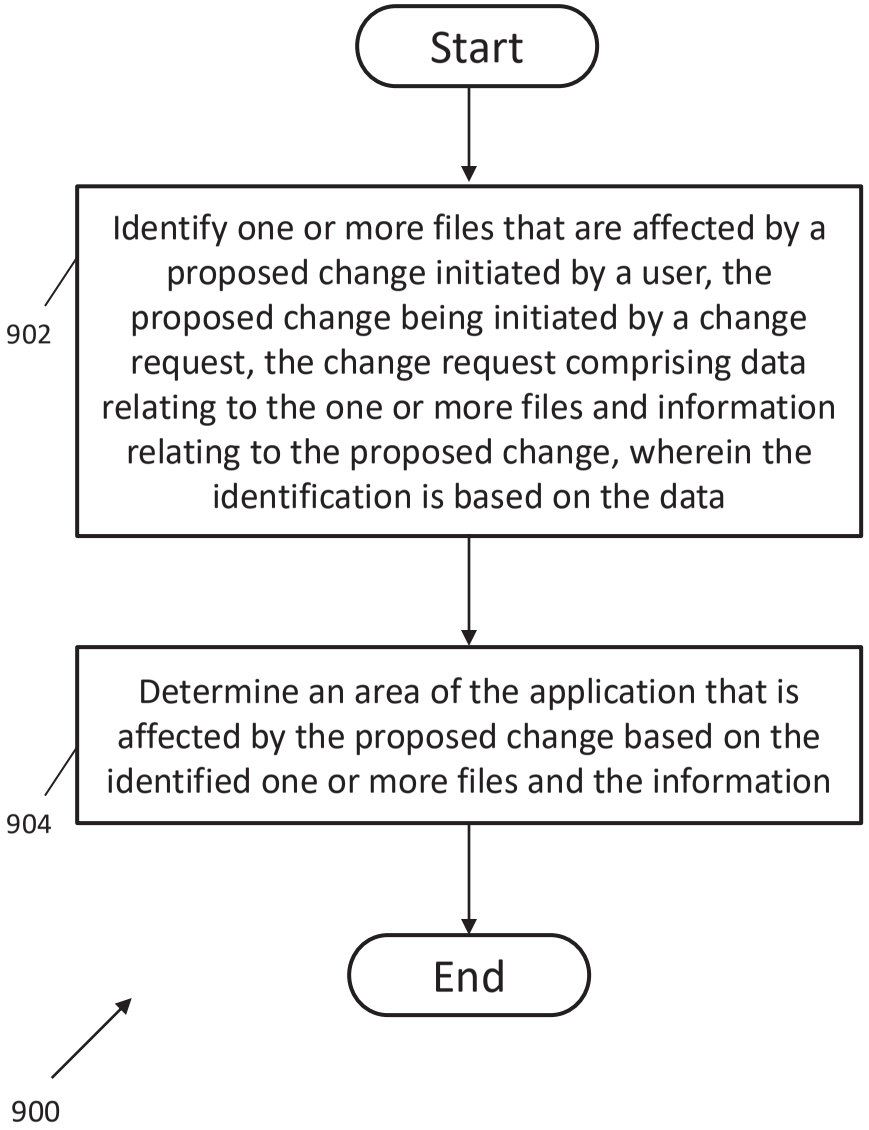
Start
Identify one or more files that are affected by a proposed change initiated by a user, the proposed change being initiated by a change request, the change request comprising data relating to the one or more files and information relating to the proposed change, wherein the identification is based on the data
902
Determine an area of the application that is affected by the proposed change based on the identified one or more files and the information
904
End
900

Figure 9

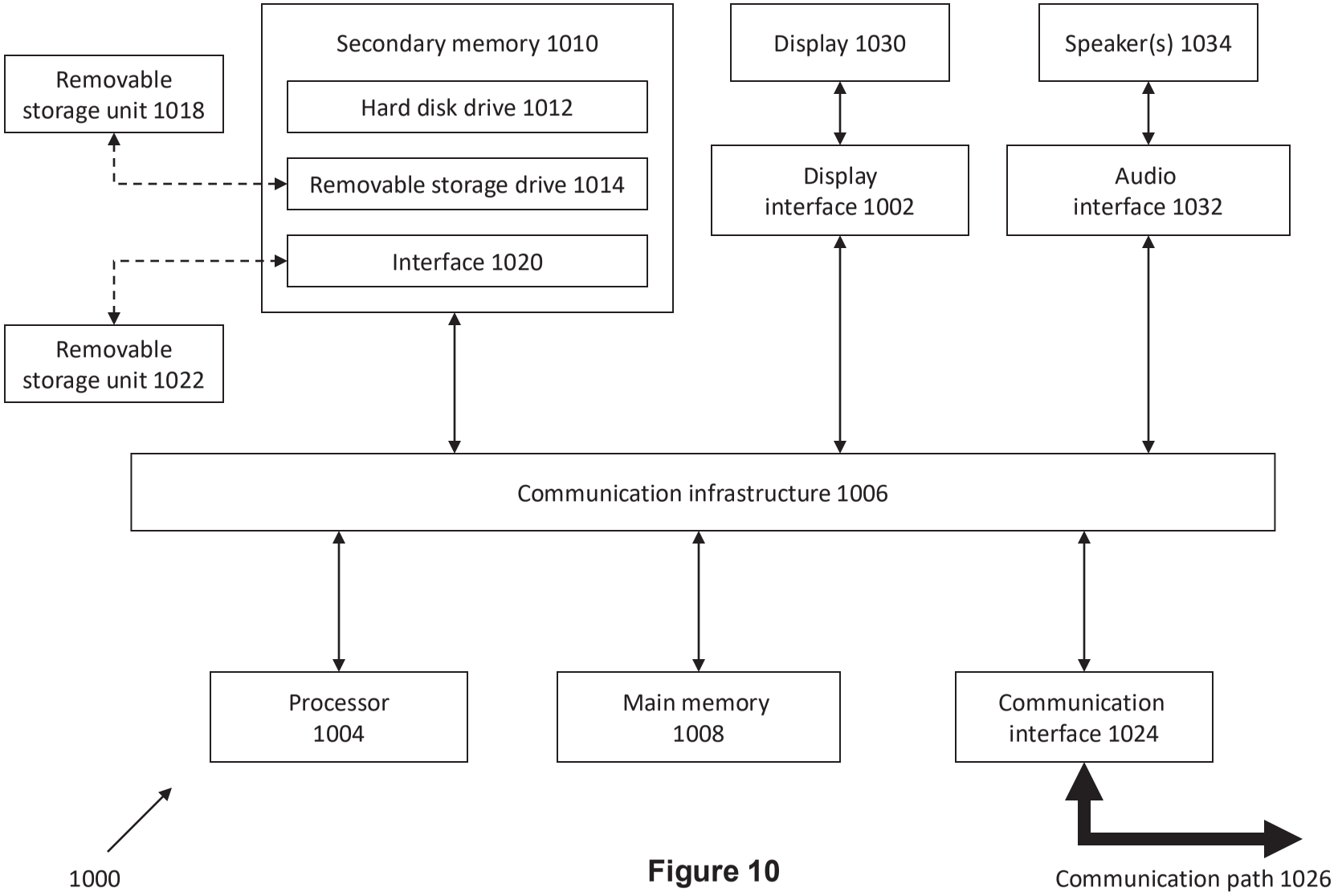
Secondary memory 1010
Hard disk drive 1012
Removable storage drive 1014
Interface 1020
Removable storage unit 1018
Removable storage unit 1022
Display 1030
Display interface 1002
Speaker(s) 1034
Audio interface 1032
Communication infrastructure 1006
Processor 1004
Main memory 1008
Communication interface 1024
1000
Communication path 1026

Figure 10