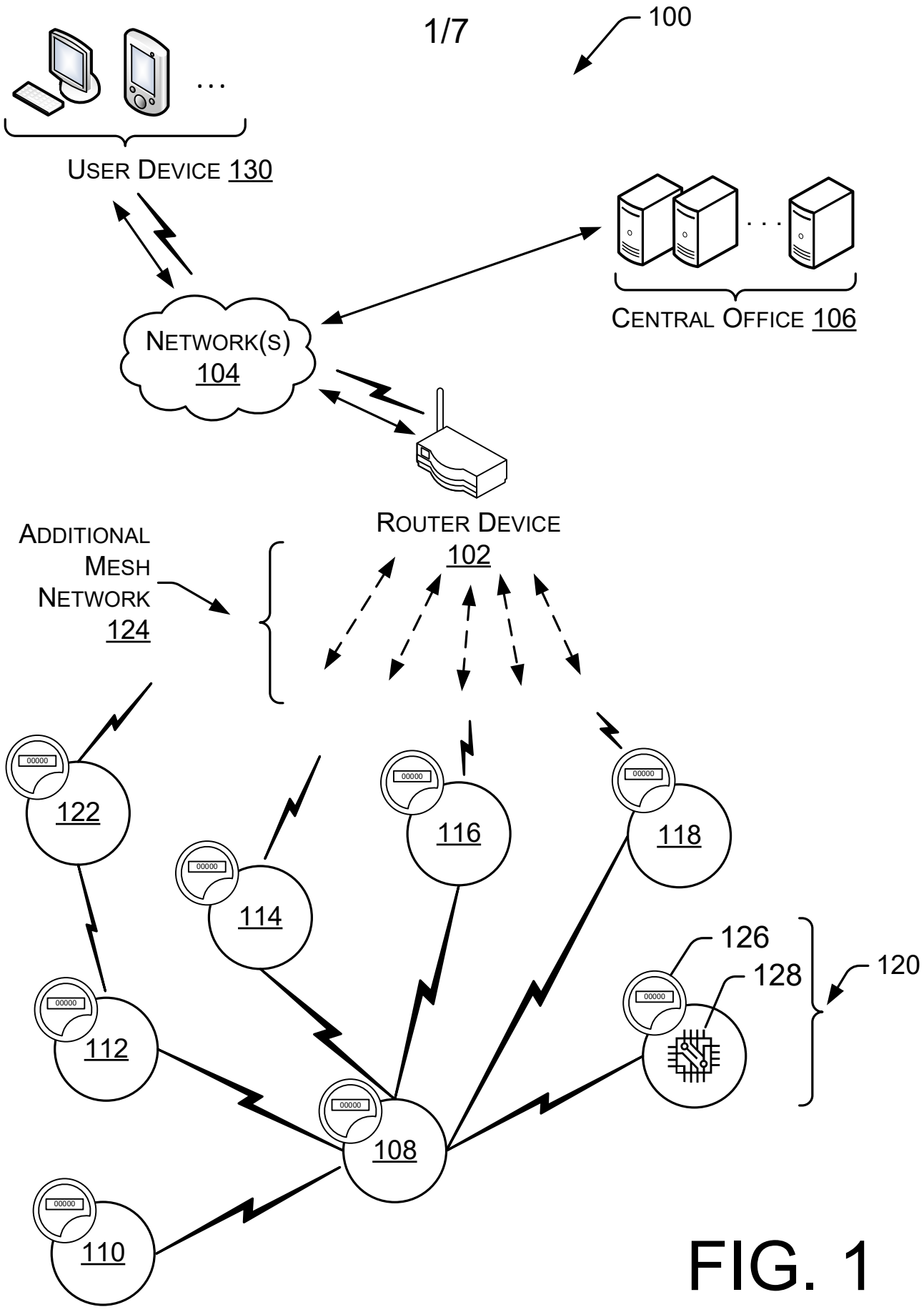

100
USER DEVICE 130
CENTRAL OFFICE 106
NETWORK(S) 104
ROUTER DEVICE 102
ADDITIONAL MESH NETWORK 124
122
114
116
118
112
108
110
126
128
120

FIG. 1

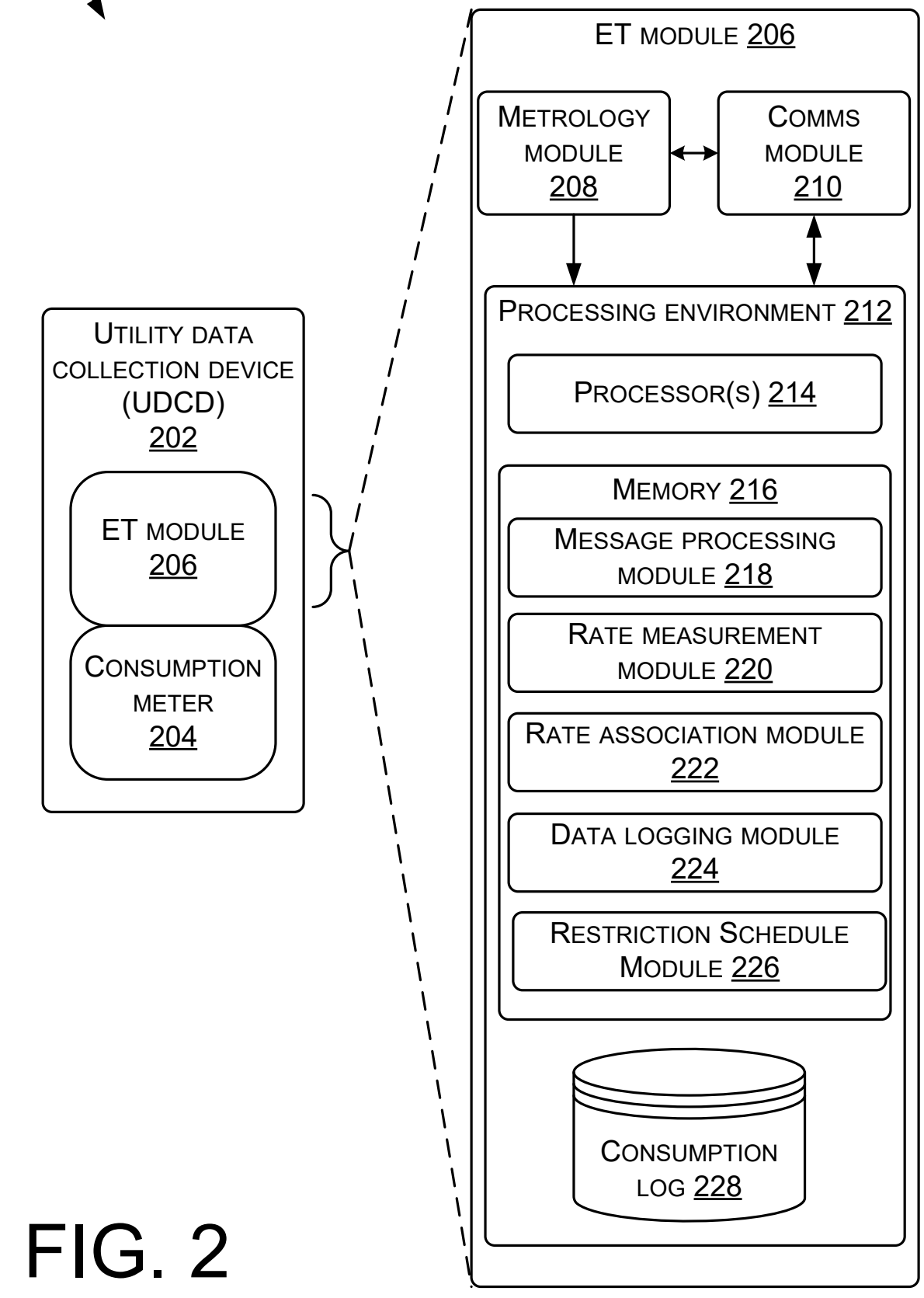

200
ET MODULE 206
METROLOGY MODULE 208
COMMS MODULE 210
PROCESSING ENVIRONMENT 212
PROCESSOR(S) 214
MEMORY 216
MESSAGE PROCESSING MODULE 218
RATE MEASUREMENT MODULE 220
RATE ASSOCIATION MODULE 222
DATA LOGGING MODULE 224
RESTRICTION SCHEDULE MODULE 226
CONSUMPTION LOG 228
UTILITY DATA COLLECTION DEVICE (UDCD) 202
ET MODULE 206
CONSUMPTION METER 204

FIG. 2

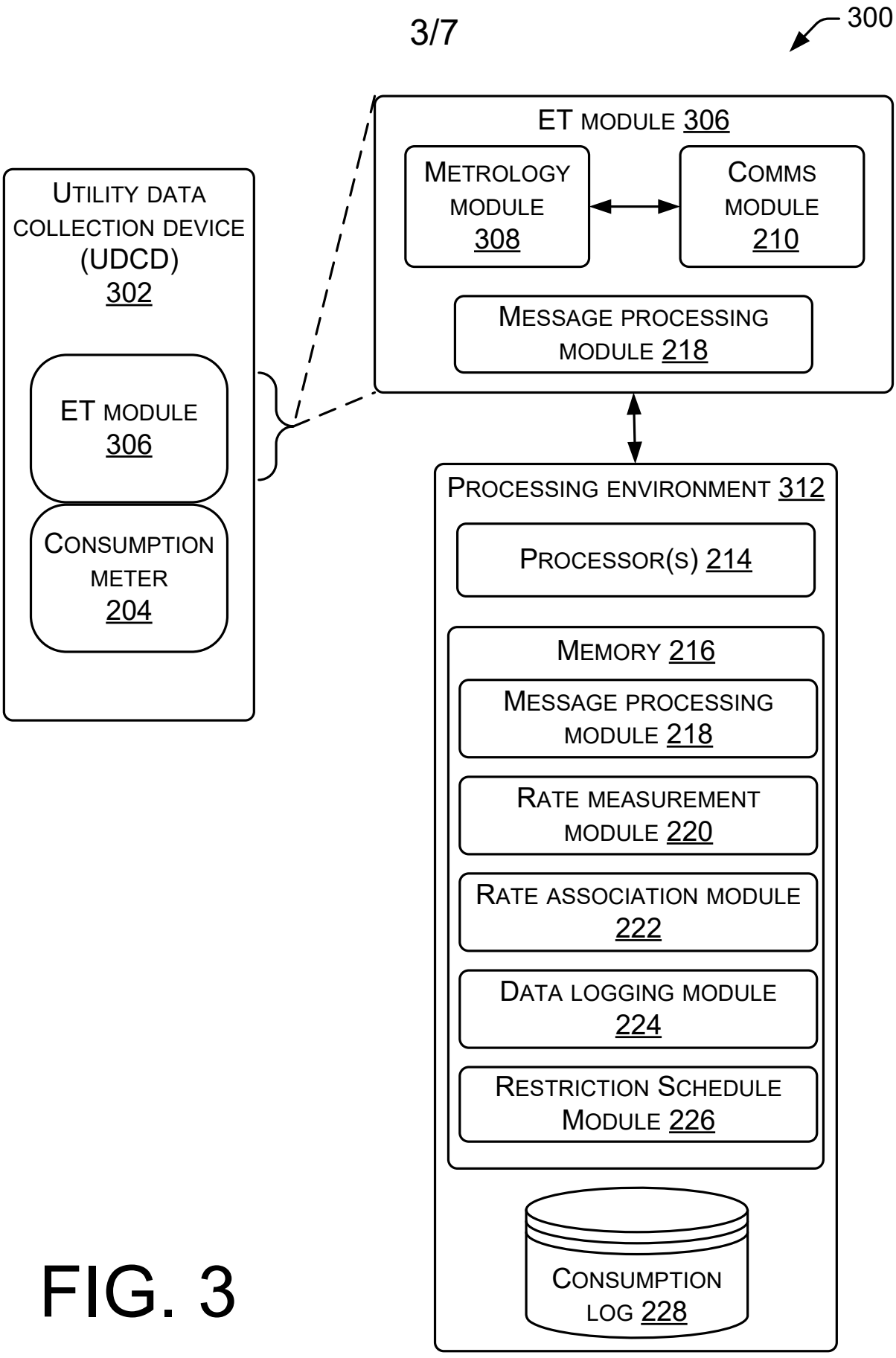

300
ET MODULE 306
METROLOGY MODULE 308
COMMS MODULE 210
MESSAGE PROCESSING MODULE 218
UTILITY DATA COLLECTION DEVICE (UDCD) 302
ET MODULE 306
CONSUMPTION METER 204
PROCESSING ENVIRONMENT 312
PROCESSOR(S) 214
MEMORY 216
MESSAGE PROCESSING MODULE 218
RATE MEASUREMENT MODULE 220
RATE ASSOCIATION MODULE 222
DATA LOGGING MODULE 224
RESTRICTION SCHEDULE MODULE 226
CONSUMPTION LOG 228

FIG. 3

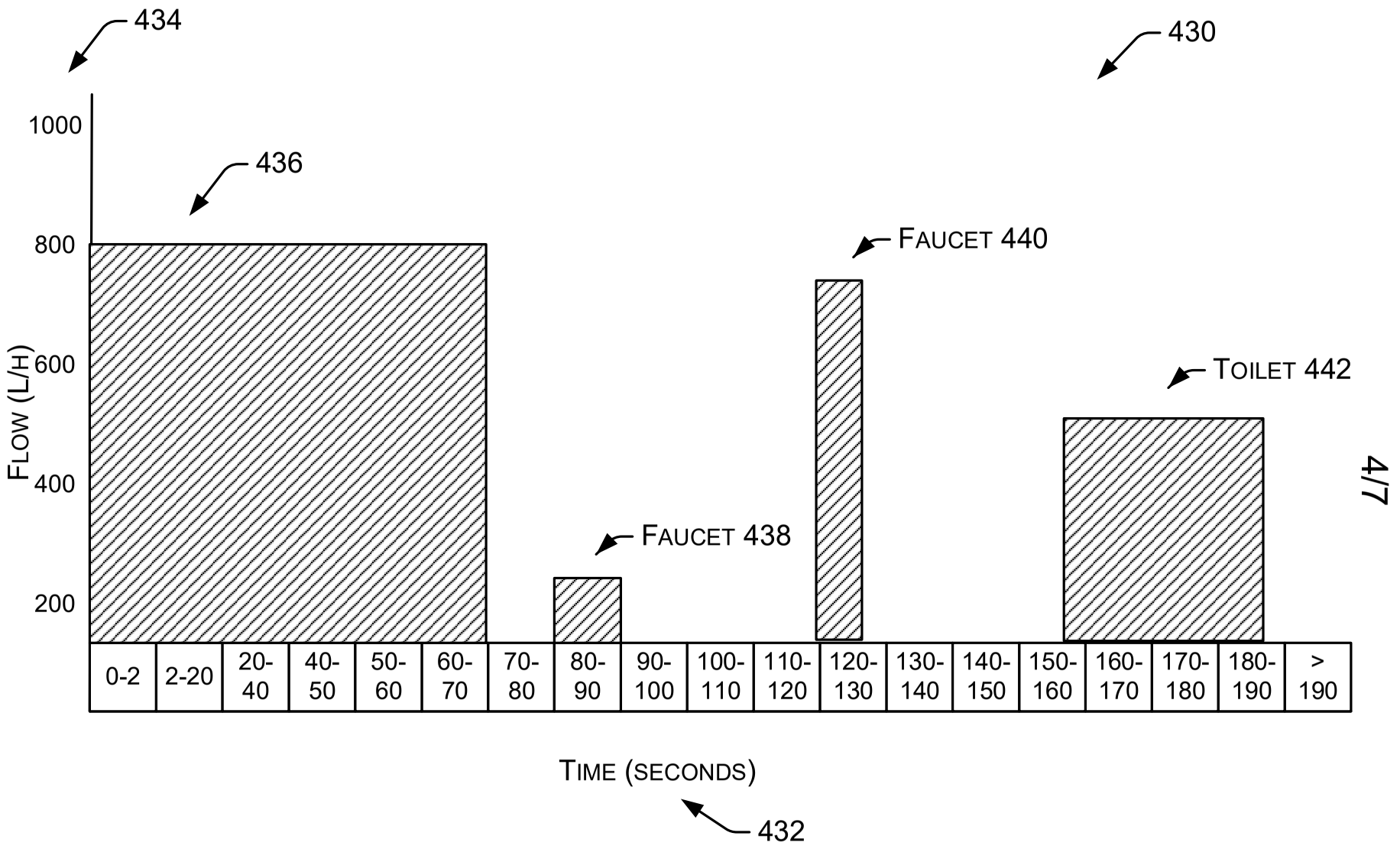

434
430
1000
436
800
FAUCET 440
600
TOILET 442
FLOW (L/H)
400
FAUCET 438
200
0-2
2-20
20-40
40-50
50-60
60-70
70-80
80-90
90-100
100-110
110-120
120-130
130-140
140-150
150-160
160-170
170-180
180-190
> 190
TIME (SECONDS)
432

FIG. 4

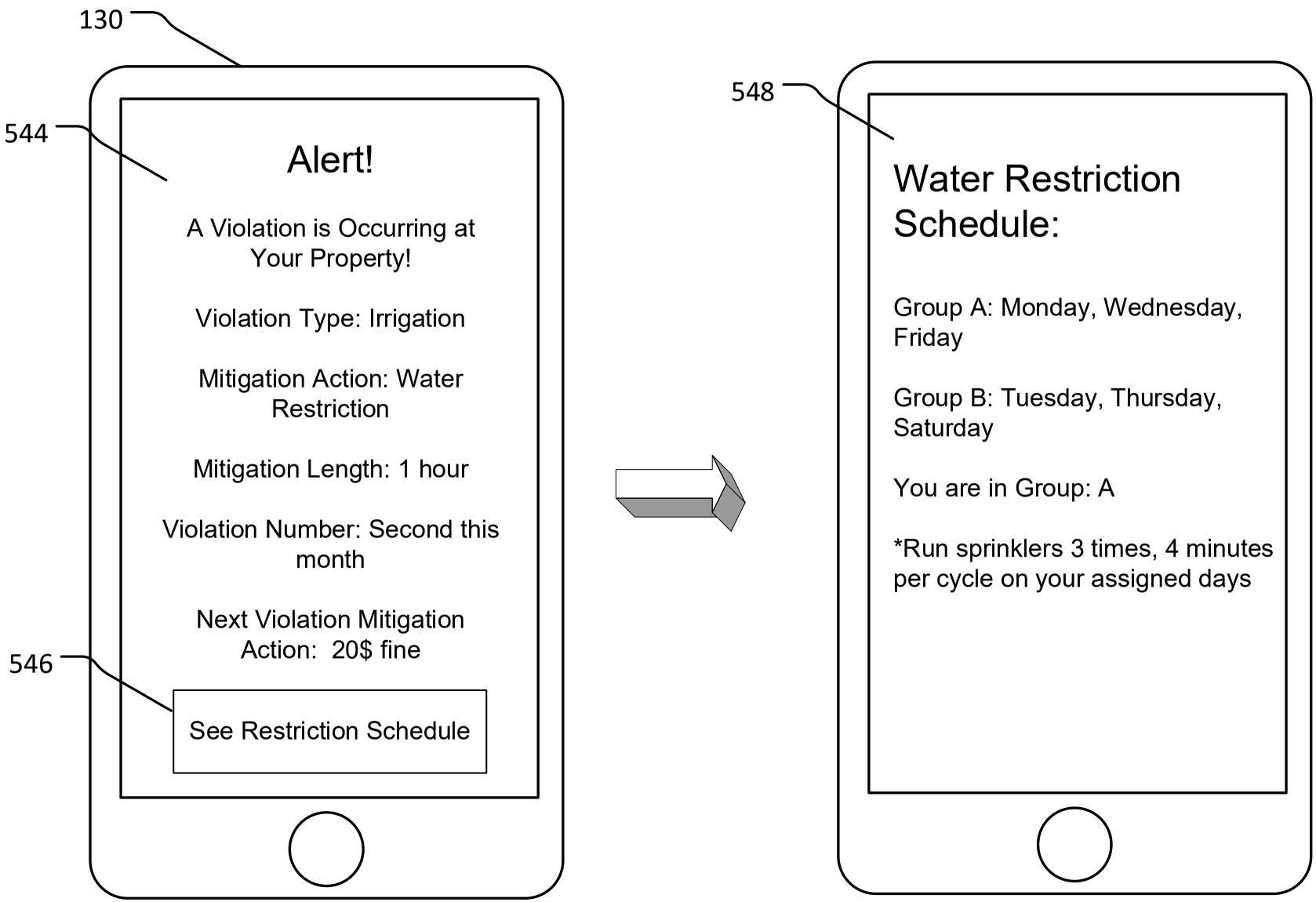

130
544
Alert!
A Violation is Occurring at Your Property!
Violation Type: Irrigation
Mitigation Action: Water Restriction
Mitigation Length: 1 hour
Violation Number: Second this month
Next Violation Mitigation Action: 20$ fine
546
See Restriction Schedule
548
Water Restriction Schedule:
Group A: Monday, Wednesday, Friday
Group B: Tuesday, Thursday, Saturday
You are in Group: A
*Run sprinklers 3 times, 4 minutes per cycle on your assigned days

FIG. 5

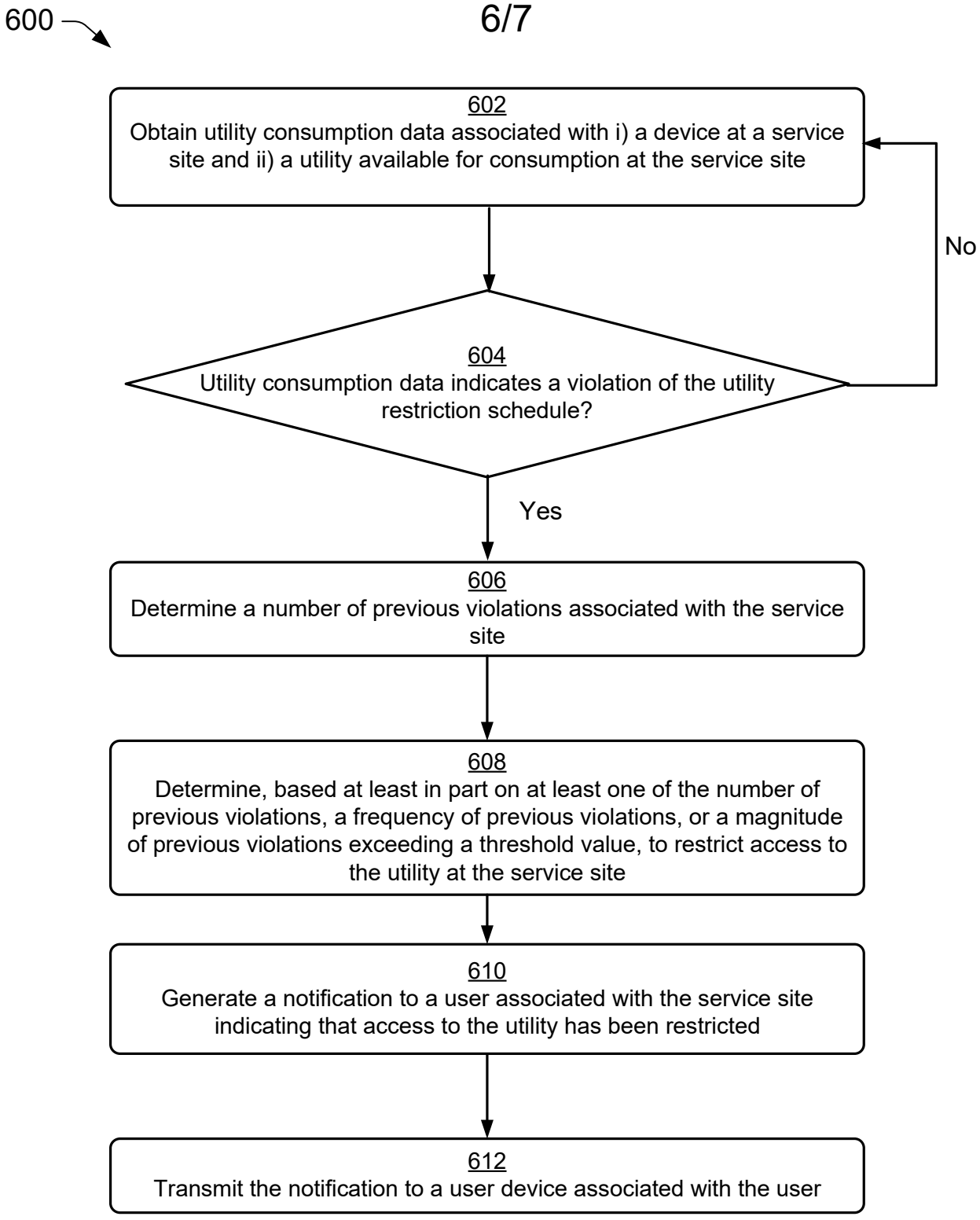

600
602
Obtain utility consumption data associated with i) a device at a service site and ii) a utility available for consumption at the service site
604
Utility consumption data indicates a violation of the utility restriction schedule?
No
Yes
606
Determine a number of previous violations associated with the service site
608
Determine, based at least in part on at least one of the number of previous violations, a frequency of previous violations, or a magnitude of previous violations exceeding a threshold value, to restrict access to the utility at the service site
610
Generate a notification to a user associated with the service site indicating that access to the utility has been restricted
612
Transmit the notification to a user device associated with the user

FIG. 6

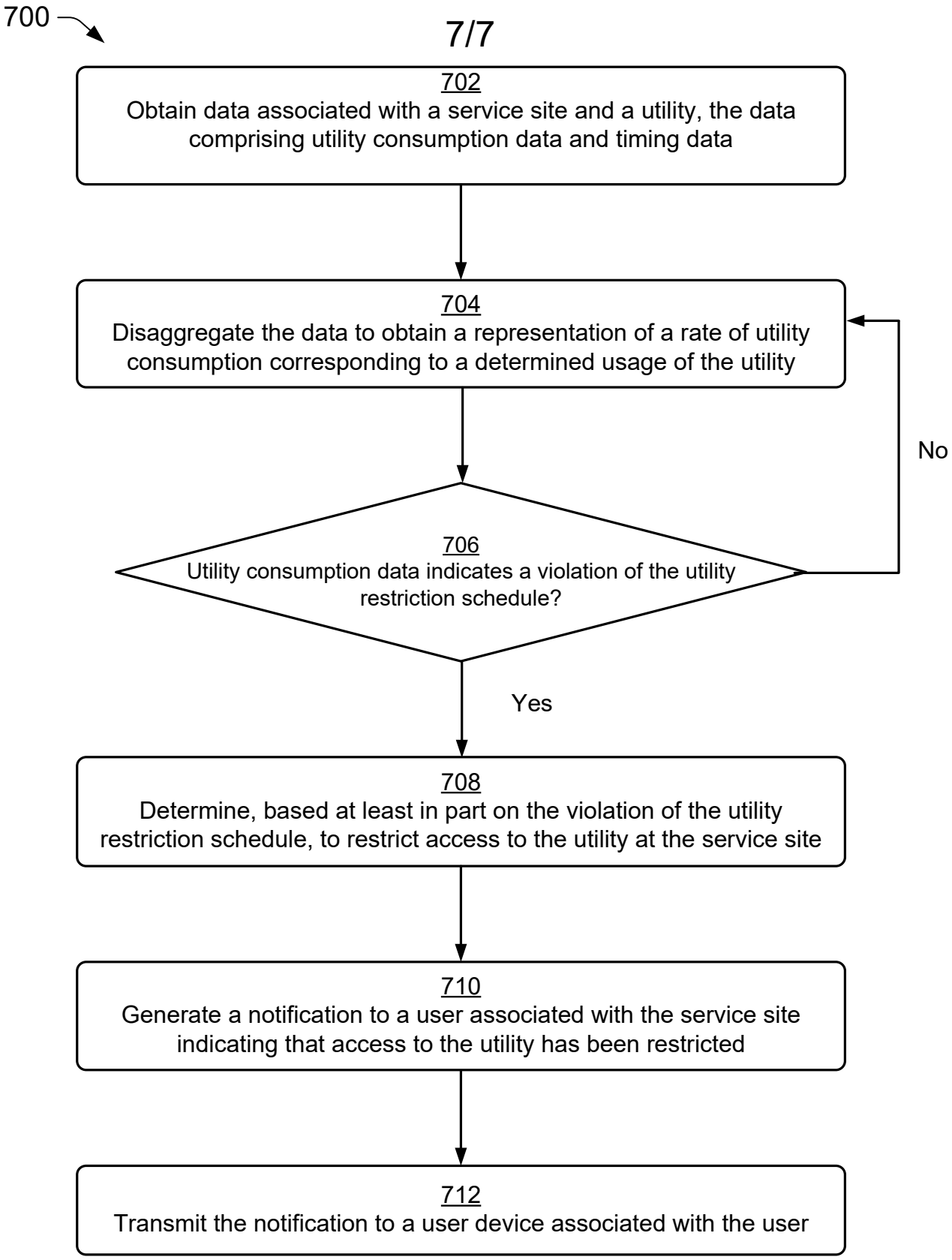

700
702
Obtain data associated with a service site and a utility, the data comprising utility consumption data and timing data
704
Disaggregate the data to obtain a representation of a rate of utility consumption corresponding to a determined usage of the utility
706
Utility consumption data indicates a violation of the utility restriction schedule?
No
Yes
708
Determine, based at least in part on the violation of the utility restriction schedule, to restrict access to the utility at the service site
710
Generate a notification to a user associated with the service site indicating that access to the utility has been restricted
712
Transmit the notification to a user device associated with the user

FIG. 7