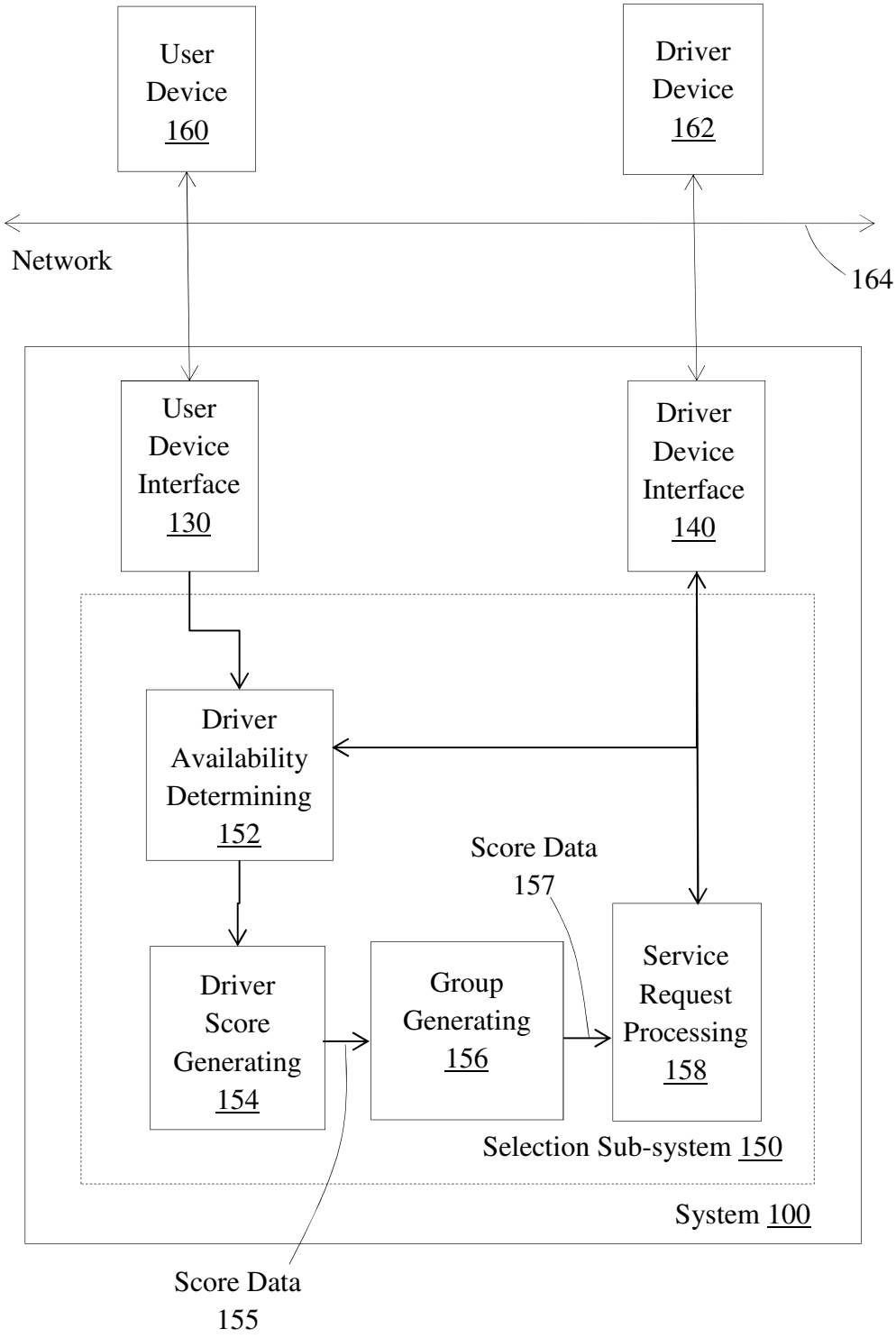

User Device 160
Driver Device 162
Network
164
User Device Interface 130
Driver Device Interface 140
Driver Availability Determining 152
Score Data 157
Driver Score Generating 154
Group Generating 156
Service Request Processing 158
Selection Sub-system 150
System 100
Score Data 155

Fig.1

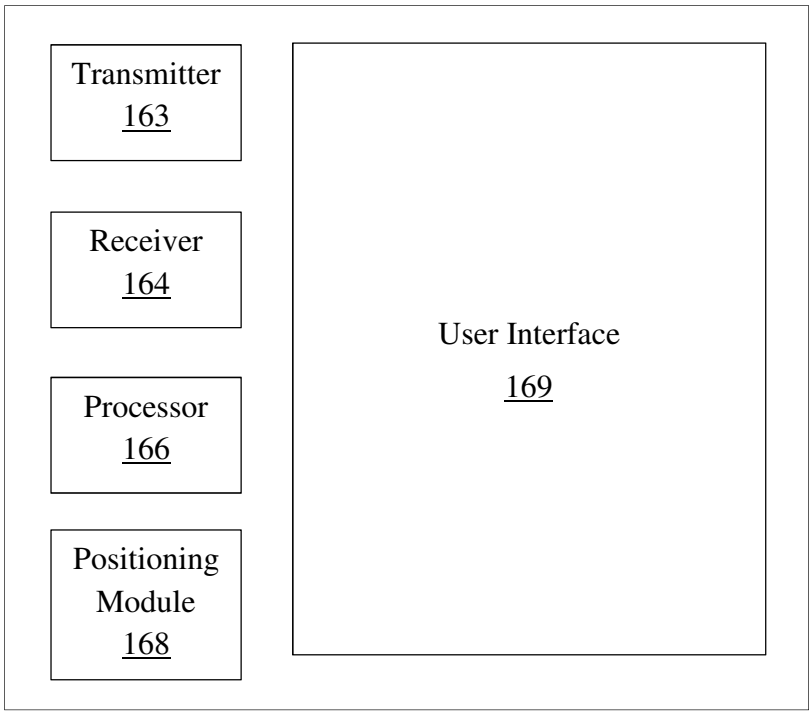

160
Transmitter
163
Receiver
164
Processor
166
Positioning
Module
168
User Interface
169

Fig. 1A

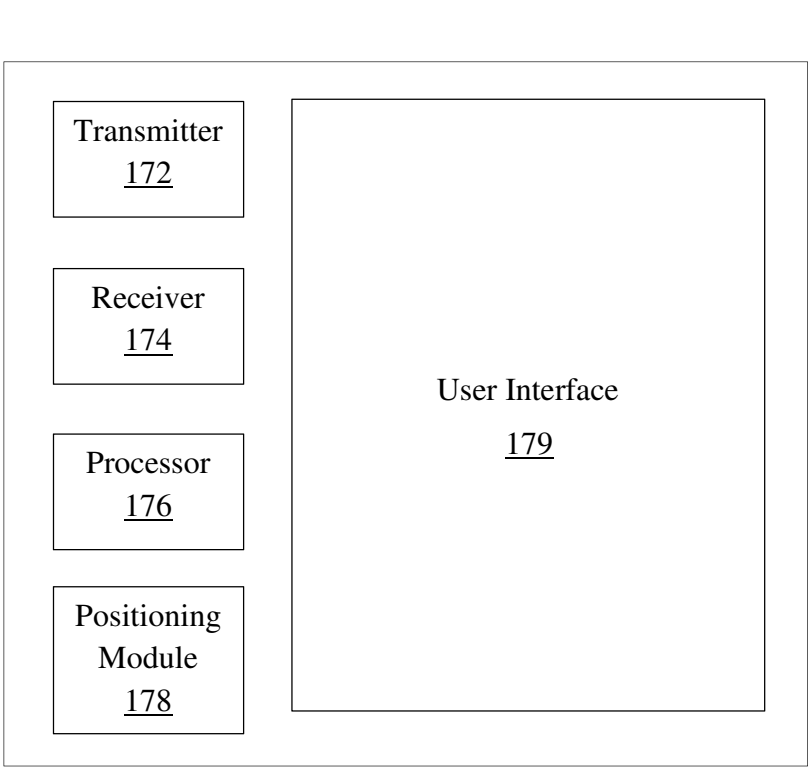

162
Transmitter
172
Receiver
174
Processor
176
Positioning
Module
178
User Interface
179

Fig. 1B

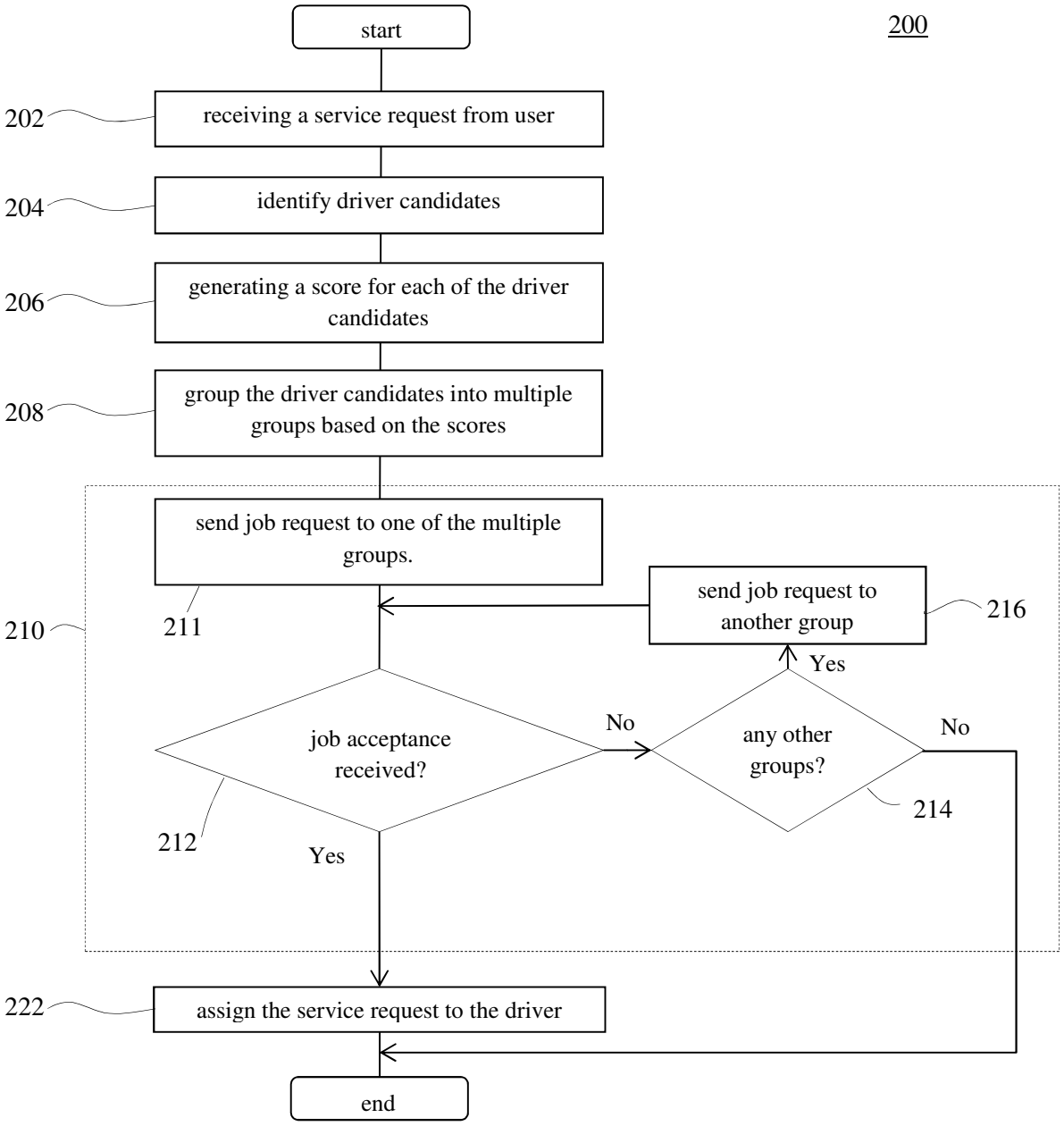

200
start
202
receiving a service request from user
204
identify driver candidates
206
generating a score for each of the driver candidates
208
group the driver candidates into multiple groups based on the scores
send job request to one of the multiple groups.
211
210
send job request to another group
216
Yes
job acceptance received?
No
any other groups?
No
214
212
Yes
222
assign the service request to the driver
end

Fig. 2

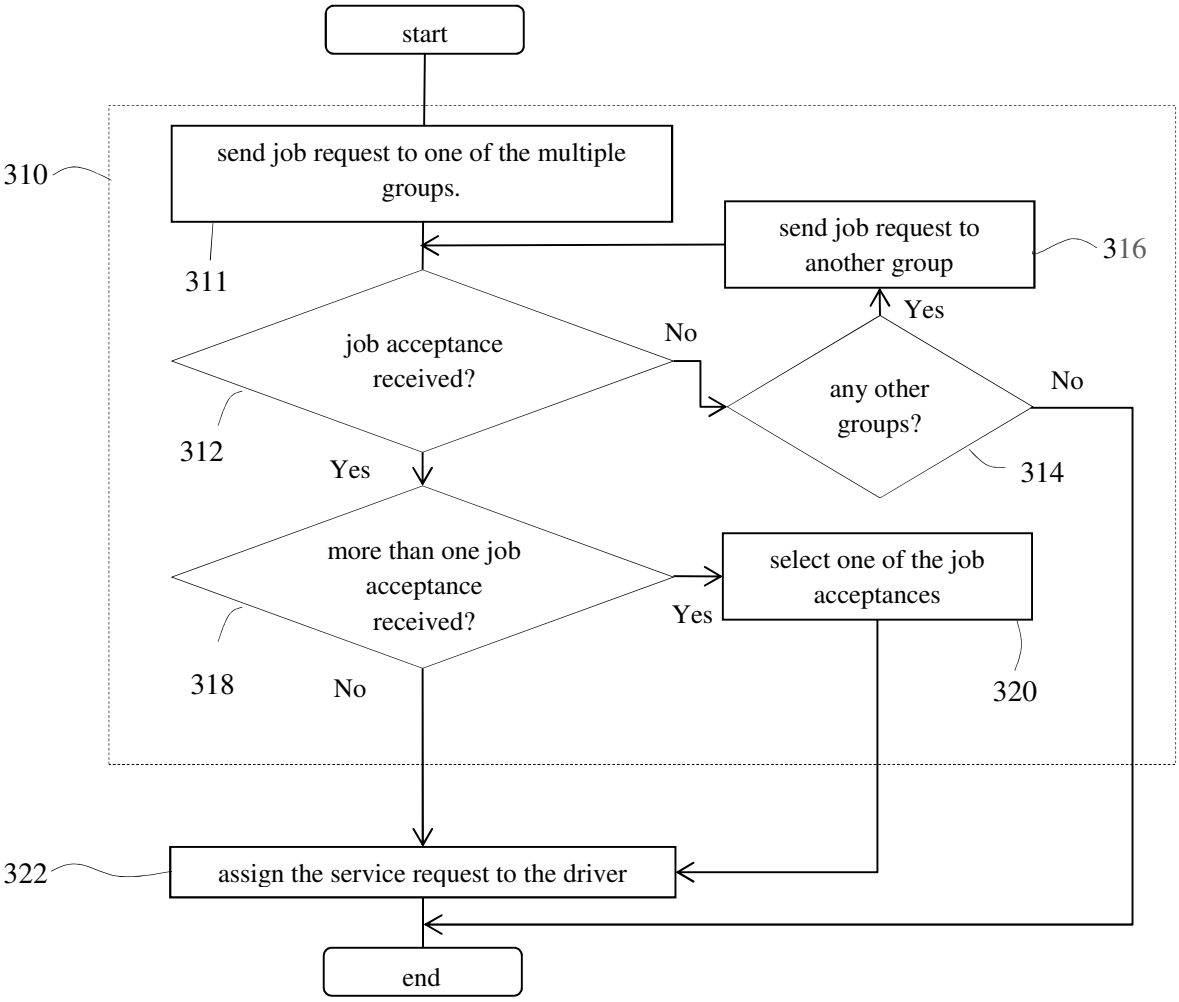

start
310
send job request to one of the multiple groups.
311
send job request to another group
316
job acceptance received?
312
No
Yes
any other groups?
314
No
Yes
more than one job acceptance received?
318
Yes
No
select one of the job acceptances
320
322
assign the service request to the driver
end

Fig. 3

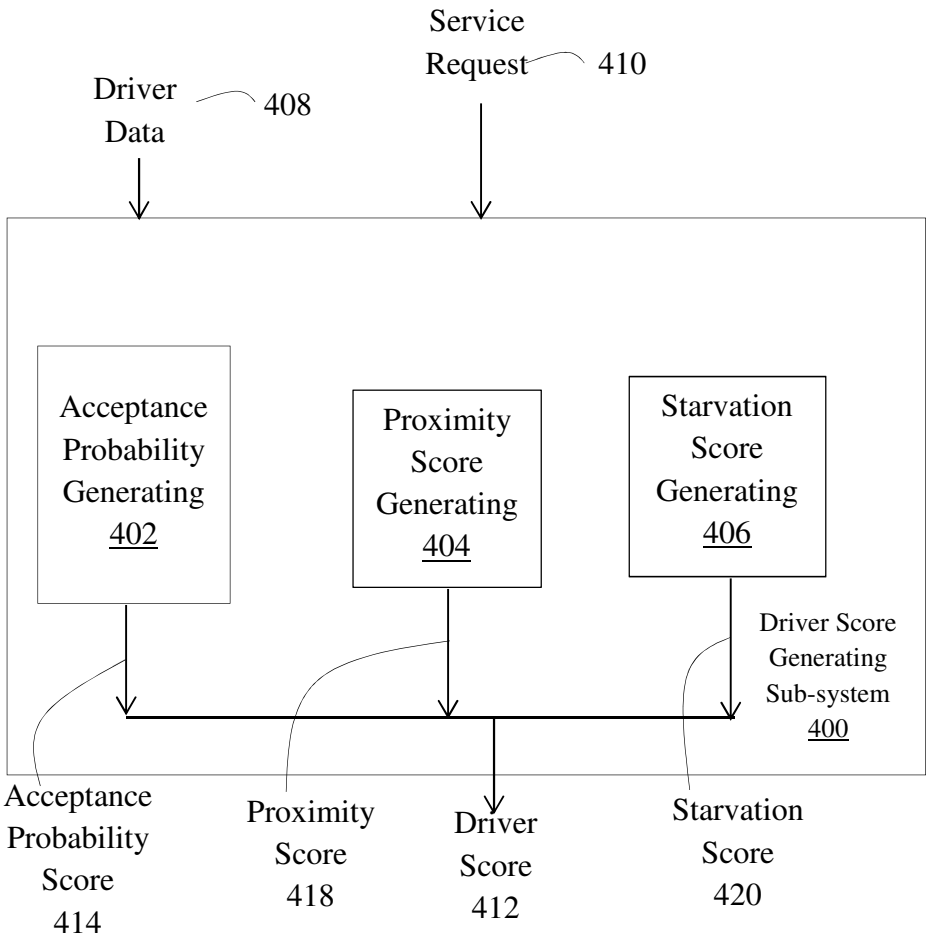

Service
Request
410
Driver
Data
408
Acceptance
Probability
Generating
402
Proximity
Score
Generating
404
Starvation
Score
Generating
406
Driver Score
Generating
Sub-system
400
Acceptance
Probability
Score
414
Proximity
Score
418
Driver
Score
412
Starvation
Score
420

Fig. 4

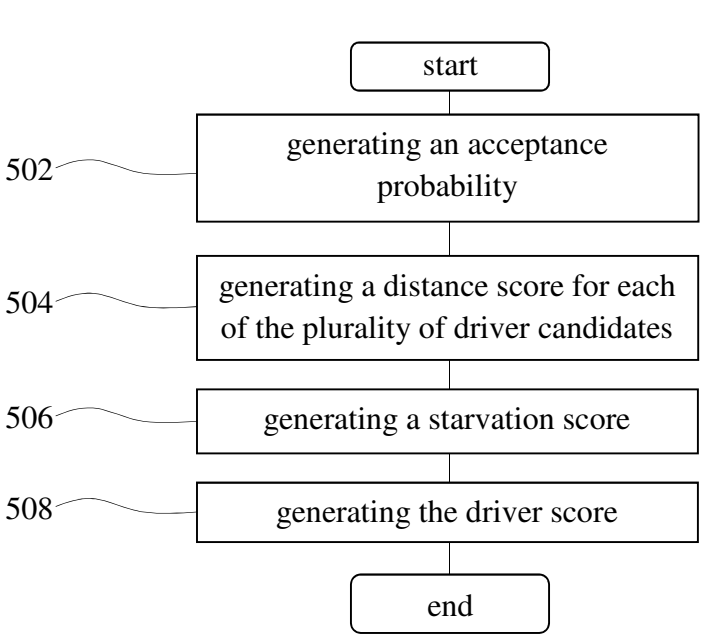

500
start
502
generating an acceptance probability
504
generating a distance score for each of the plurality of driver candidates
506
generating a starvation score
508
generating the driver score
end

Fig. 5

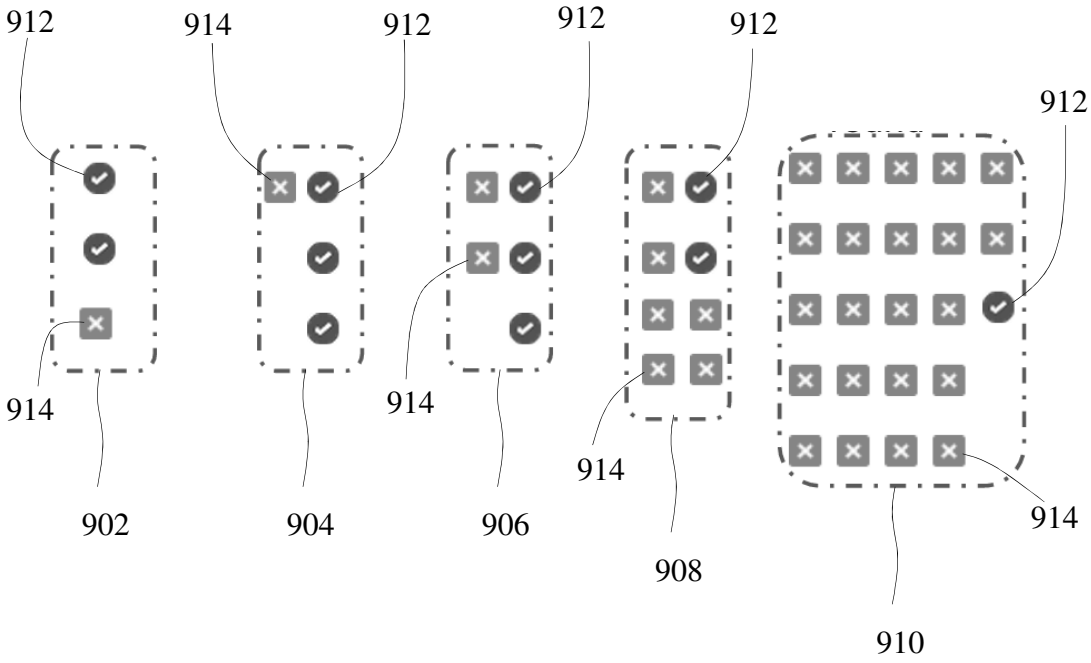


Fig. 6