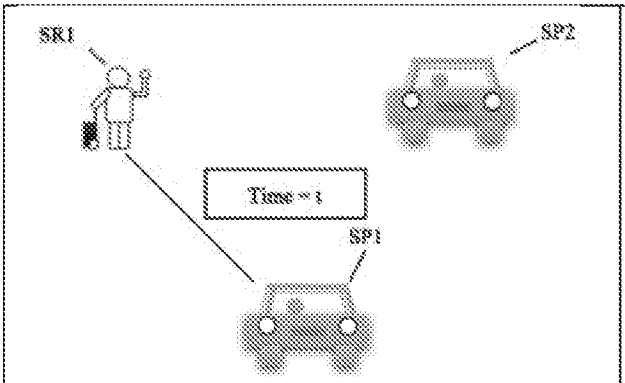


Fig. 1A

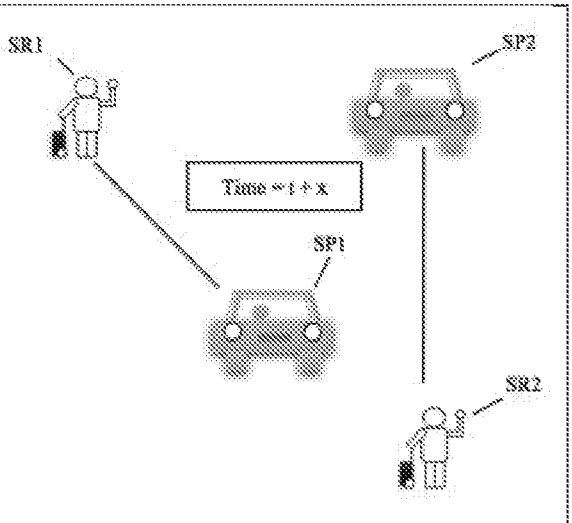


Fig. 1B

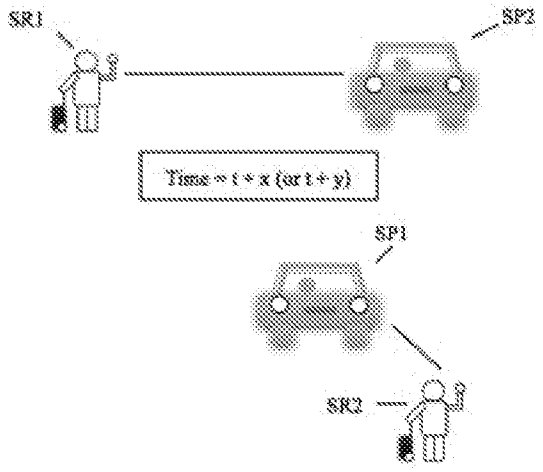


Fig. 1C

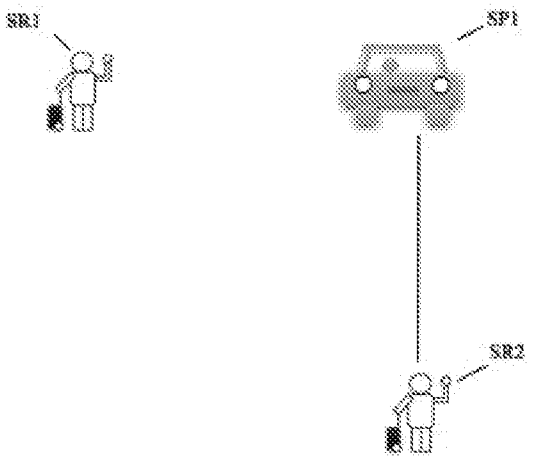


Fig. 1D

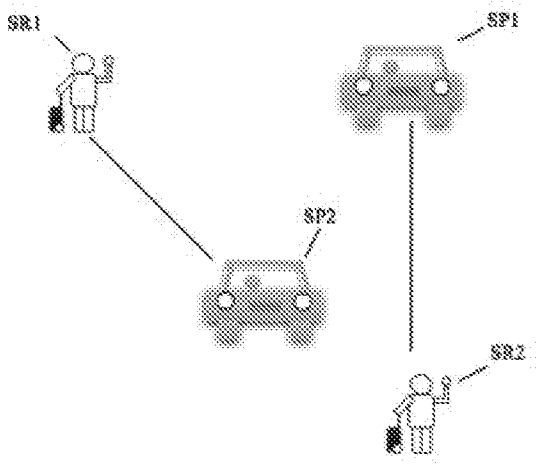


Fig. 1E

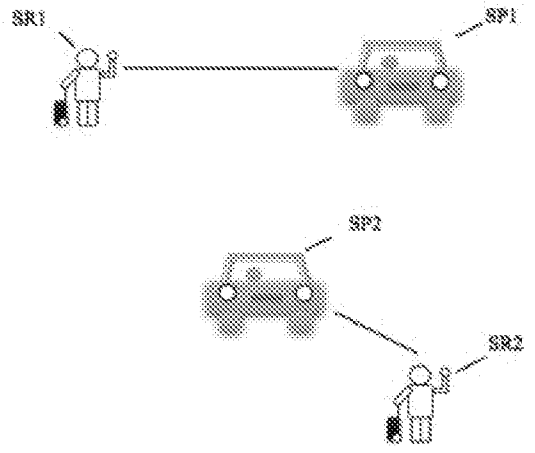


Fig. 1F

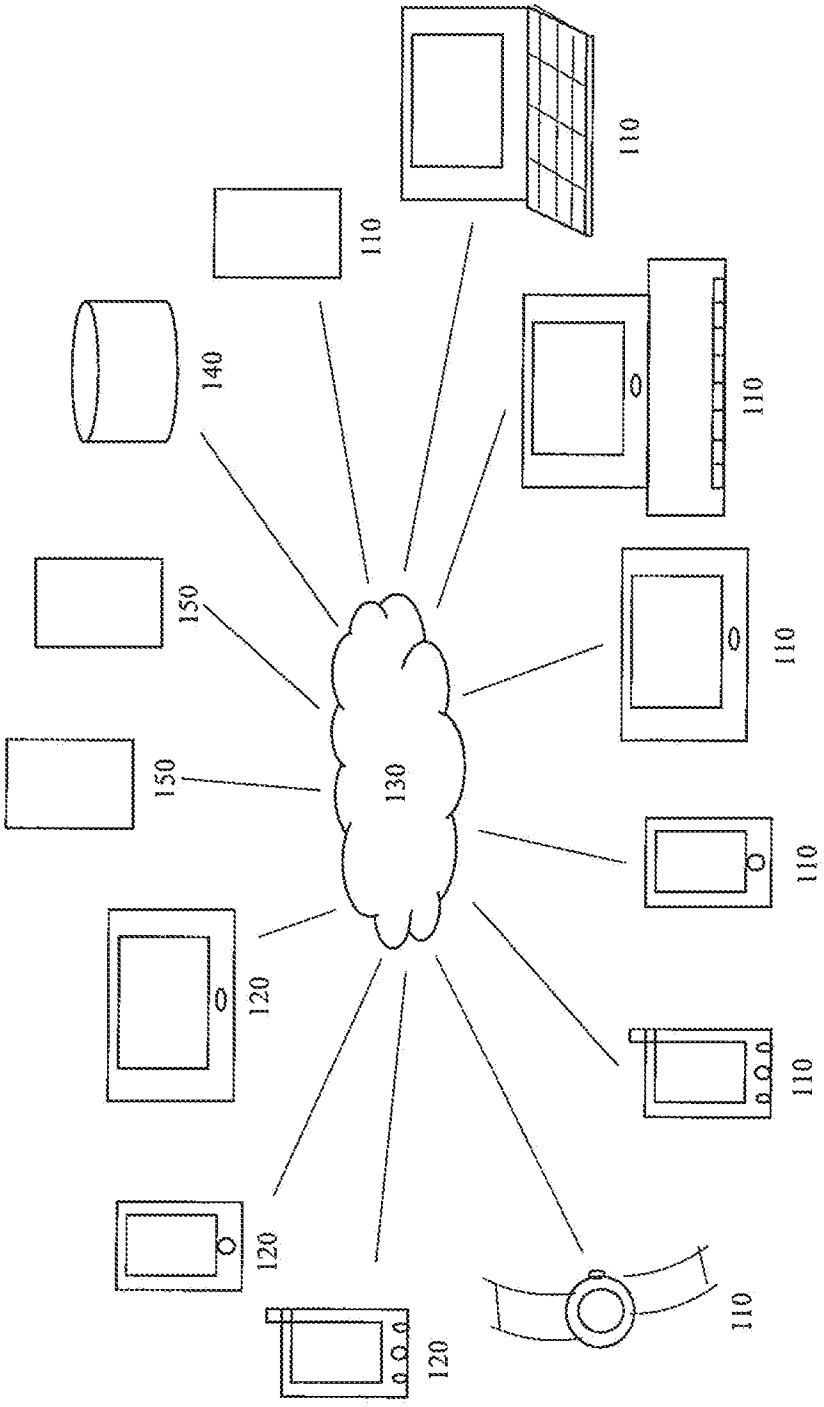


Fig. 2

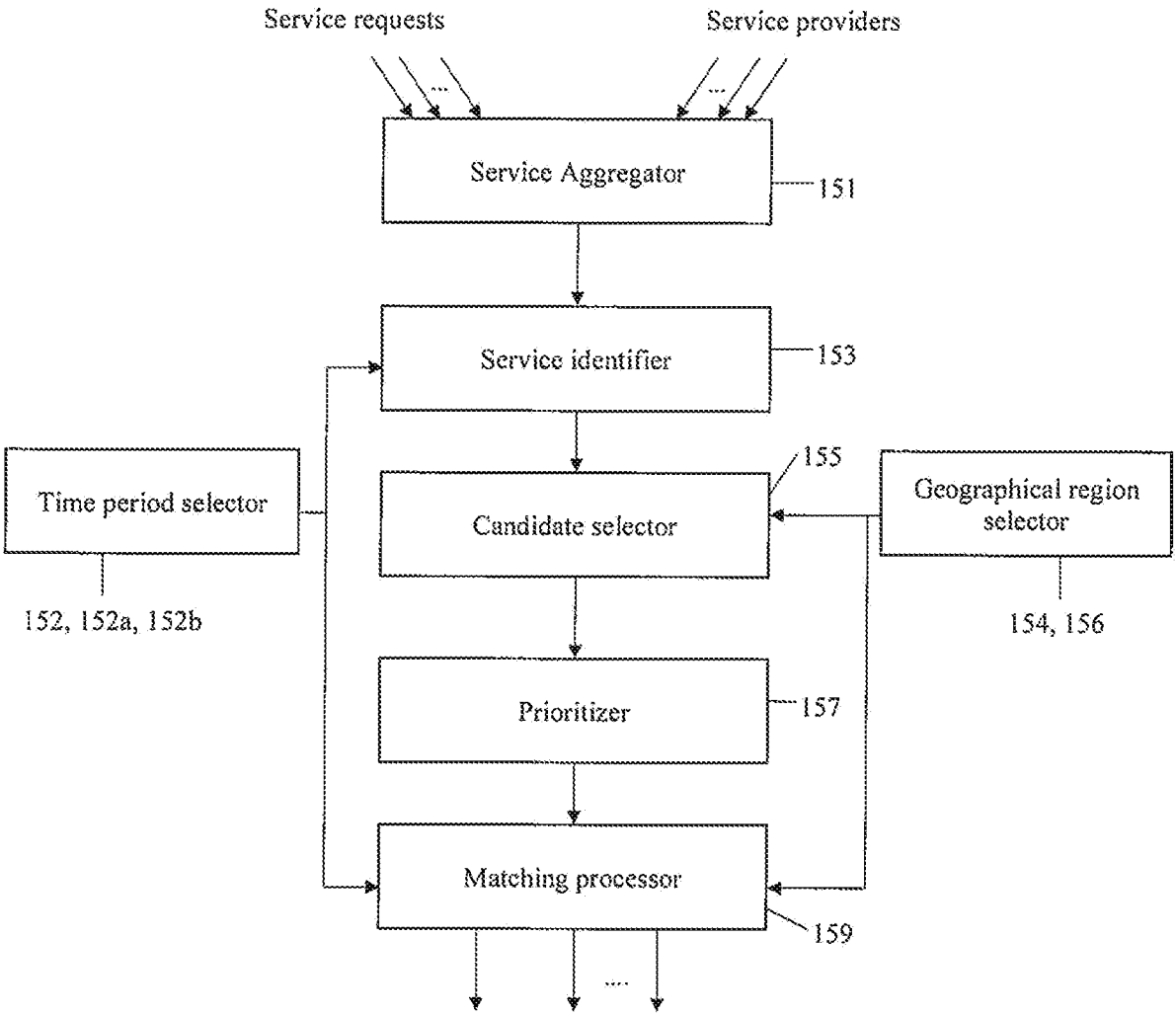

Service requests
Service providers
Service Aggregator
151
Service identifier
153
Time period selector
155
Candidate selector
Geographical region selector
152, 152a, 152b
154, 156
Prioritizer
157
Matching processor
159

Fig. 3A

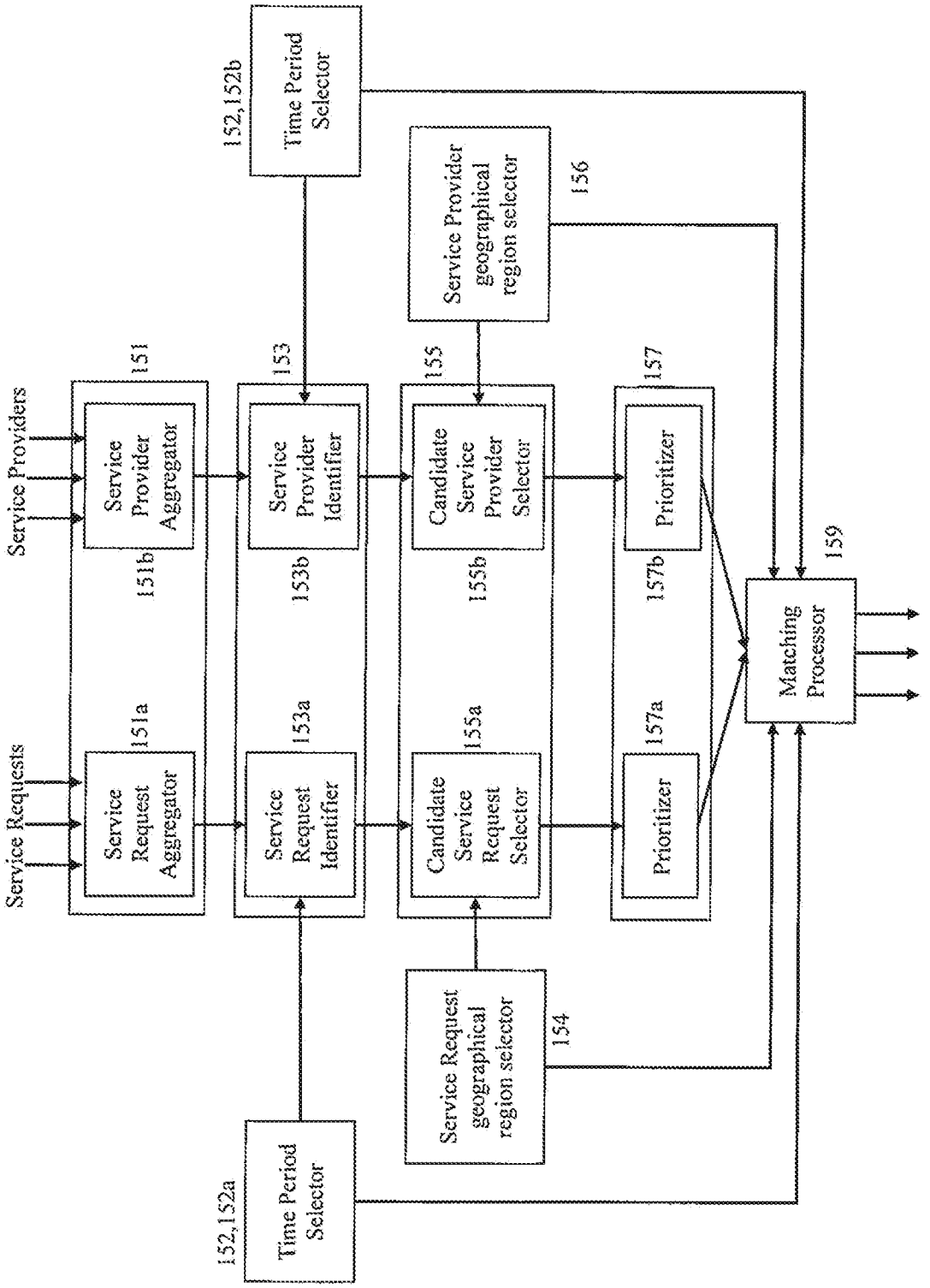

Service Providers
Service Requests
Service Provider Aggregator
Service Request Aggregator
Service Provider Identifier
Service Request Identifier
Candidate Service Provider Selector
Candidate Service Request Selector
Prioritizer
Prioritizer
Matching Processor
Time Period Selector
Time Period Selector
Service Provider geographical region selector
Service Request geographical region selector
151
151b
151a
153
153b
153a
155
155b
155a
157
157b
157a
159
152,152b
152,152a
156
154

Fig. 3B

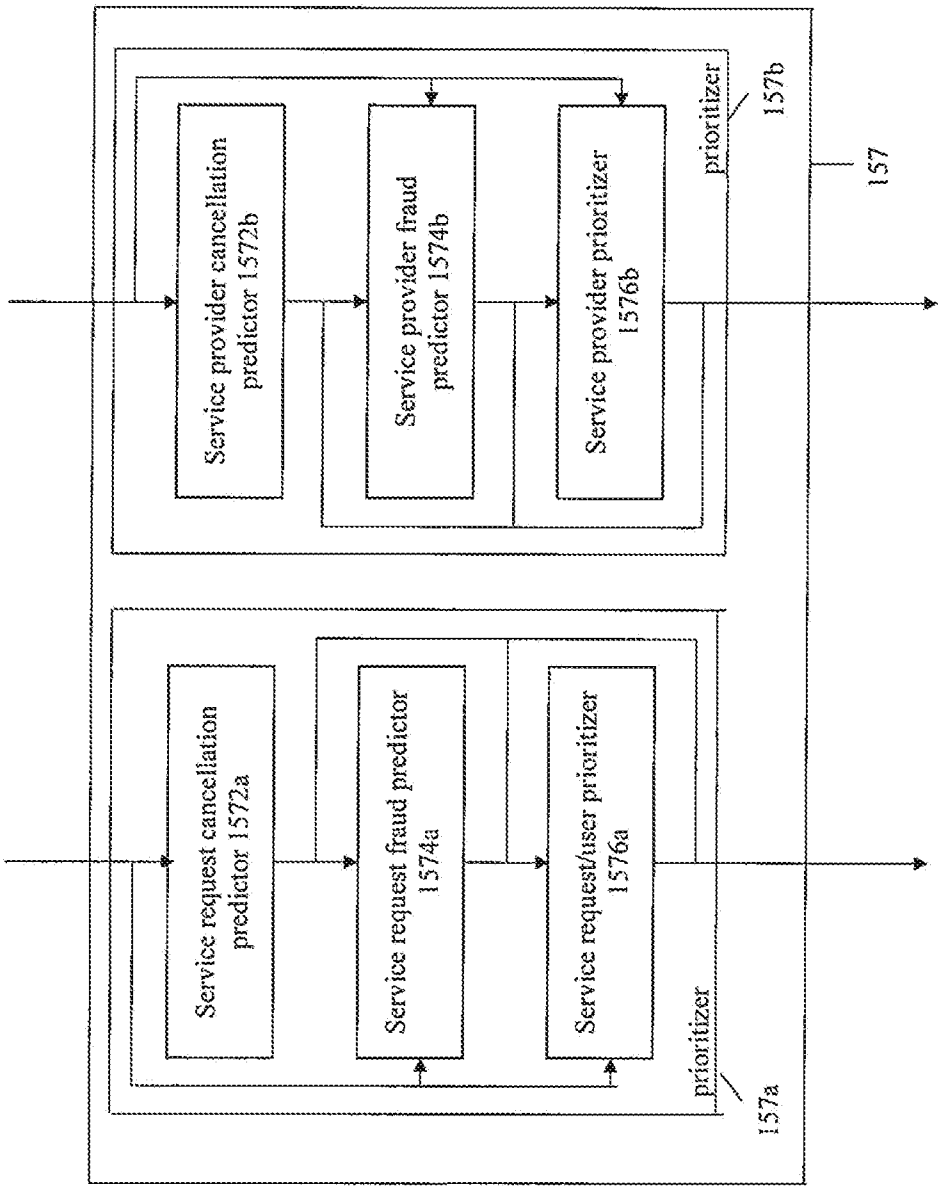

Service request cancellation predictor 1572a
Service request fraud predictor 1574a
Service request/user prioritizer 1576a
prioritizer
157a
Service provider cancellation predictor 1572b
Service provider fraud predictor 1574b
Service provider prioritizer 1576b
prioritizer
157b
157

Fig. 4

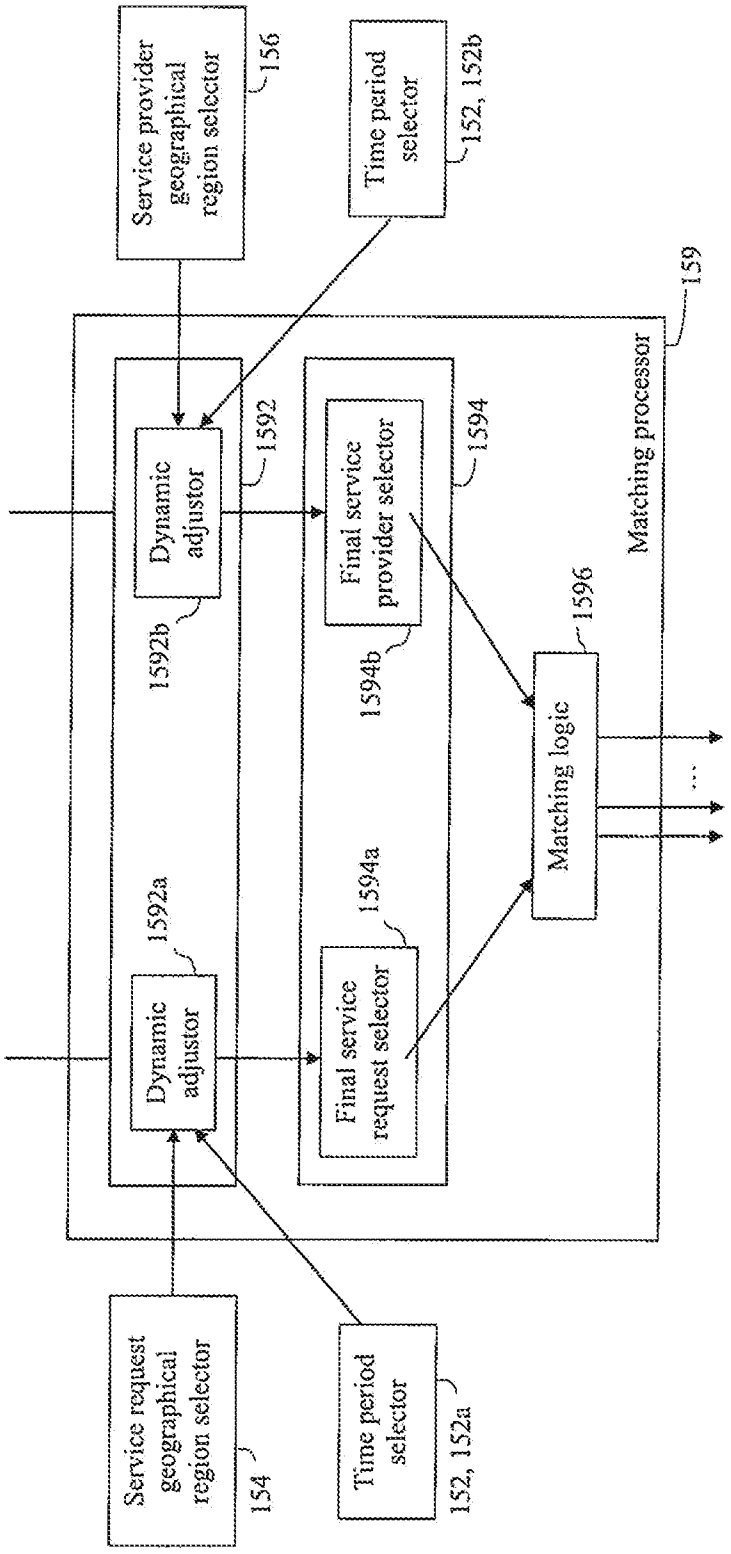

Service provider geographical region selector
156
Time period selector
152, 152b
Matching processor
159
Dynamic adjustor
1592
1592b
Final service provider selector
1594
1594b
Matching logic
1596
Dynamic adjustor
1592a
Final service request selector
1594a
Service request geographical region selector
154
Time period selector
152, 152a

Fig. 5

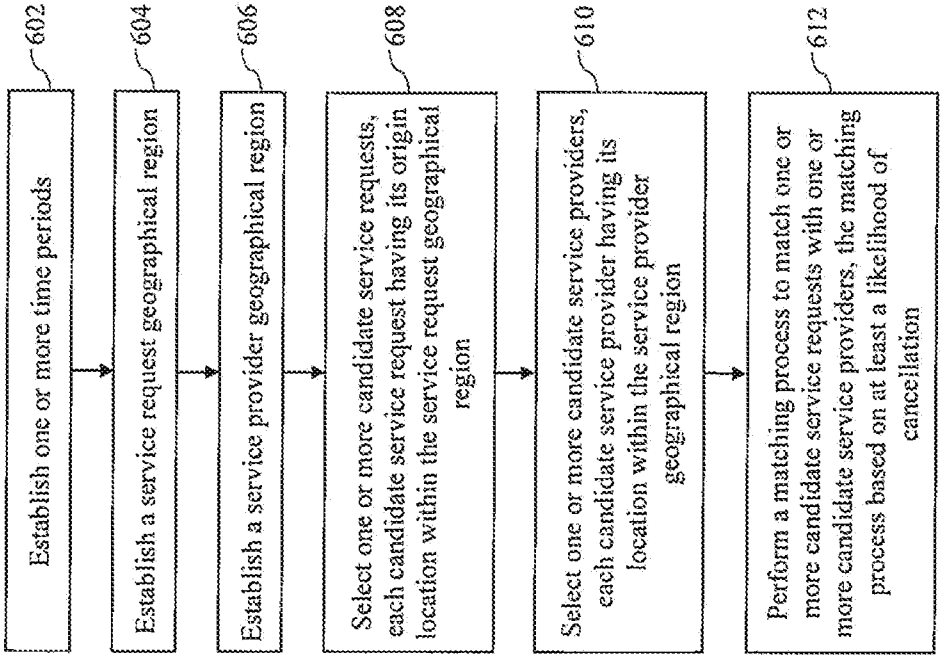

Establish one or more time periods
602
Establish a service request geographical region
604
Establish a service provider geographical region
606
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
608
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
610
Perform a matching process to match one or more candidate service requests with one or more candidate service providers, the matching process based on at least a likelihood of cancellation
612

Fig. 6A

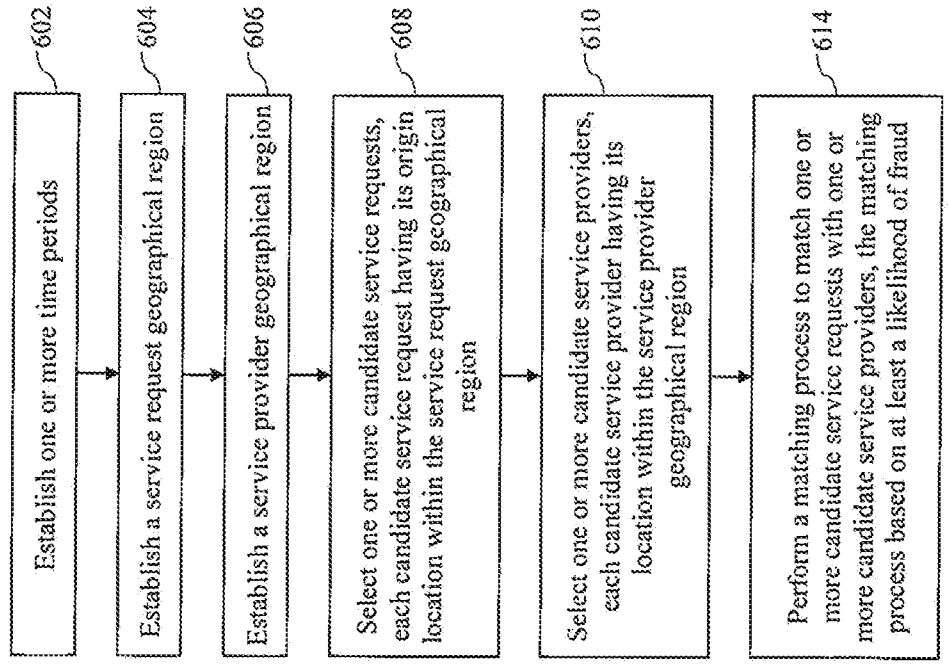

Establish one or more time periods
602
Establish a service request geographical region
604
Establish a service provider geographical region
606
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
608
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
610
Perform a matching process to match one or more candidate service requests with one or more candidate service providers, the matching process based on at least a likelihood of fraud
614

Fig. 6B

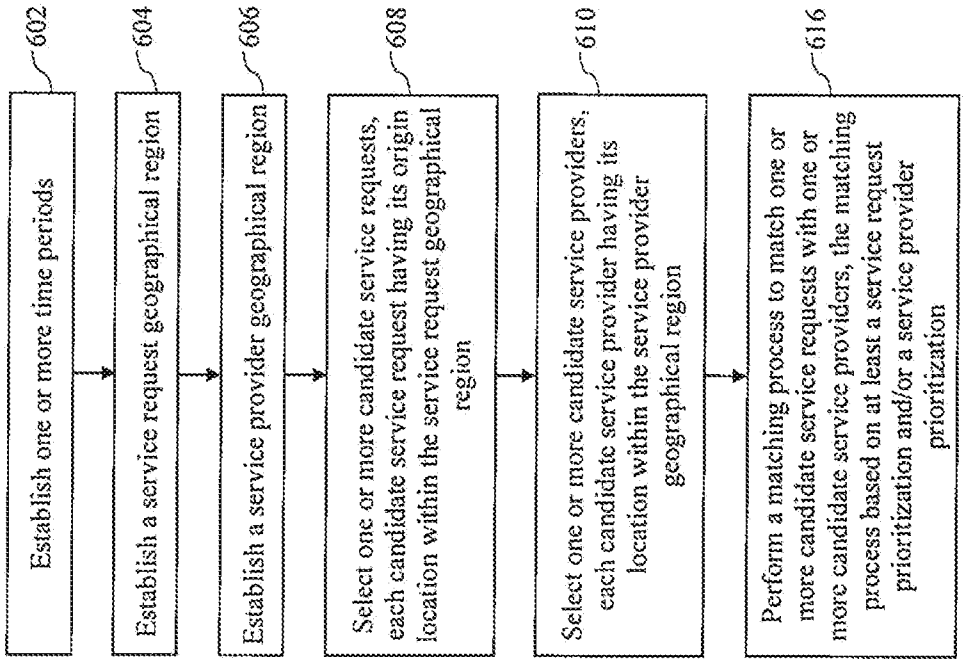

602
Establish one or more time periods
604
Establish a service request geographical region
606
Establish a service provider geographical region
608
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
610
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
616
Perform a matching process to match one or more candidate service requests with one or more candidate service providers, the matching process based on at least a service request prioritization and/or a service provider prioritization

Fig. 6C

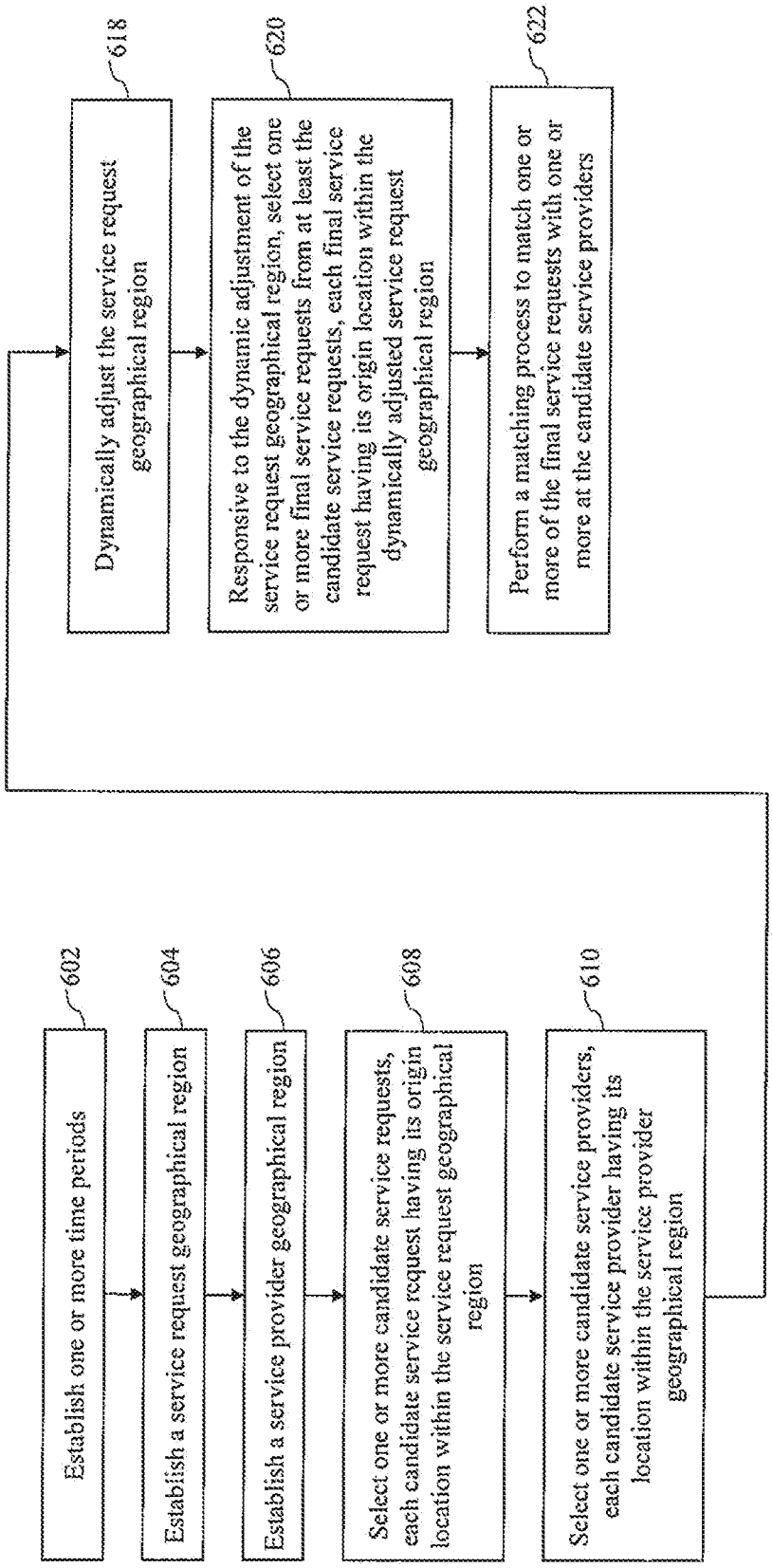

602
Establish one or more time periods
604
Establish a service request geographical region
606
Establish a service provider geographical region
608
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
610
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
618
Dynamically adjust the service request geographical region
620
Responsive to the dynamic adjustment of the service request geographical region, select one or more final service requests from at least the candidate service requests, each final service request having its origin location within the dynamically adjusted service request geographical region
622
Perform a matching process to match one or more of the final service requests with one or more at the candidate service providers

Fig. 6D

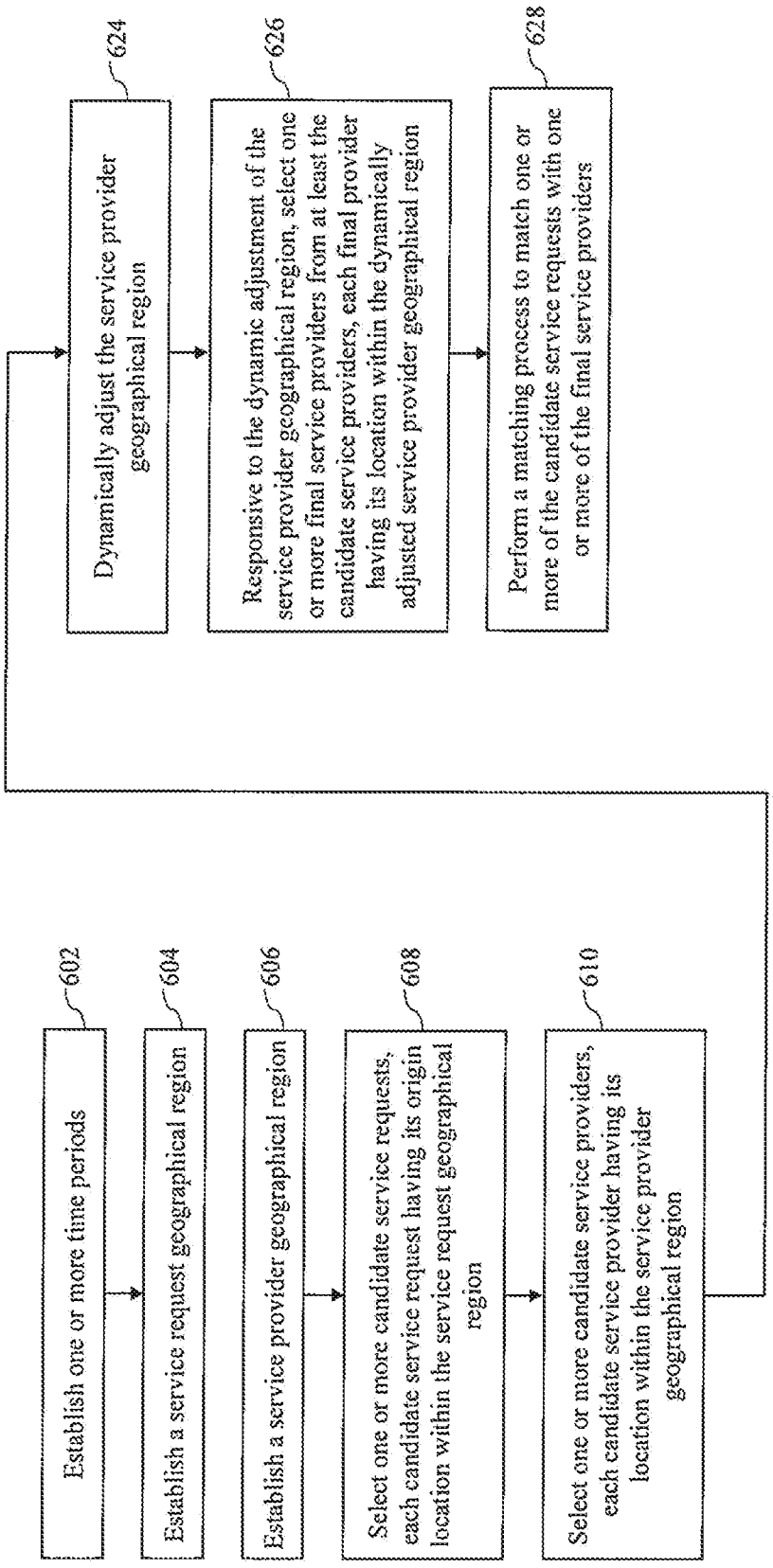

Establish one or more time periods
602
Establish a service request geographical region
604
Establish a service provider geographical region
606
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
608
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
610
Dynamically adjust the service provider geographical region
624
Responsive to the dynamic adjustment of the service provider geographical region, select one or more final service providers from at least the candidate service providers, each final provider having its location within the dynamically adjusted service provider geographical region
626
Perform a matching process to match one or more of the candidate service requests with one or more of the final service providers
628

Fig. 6E

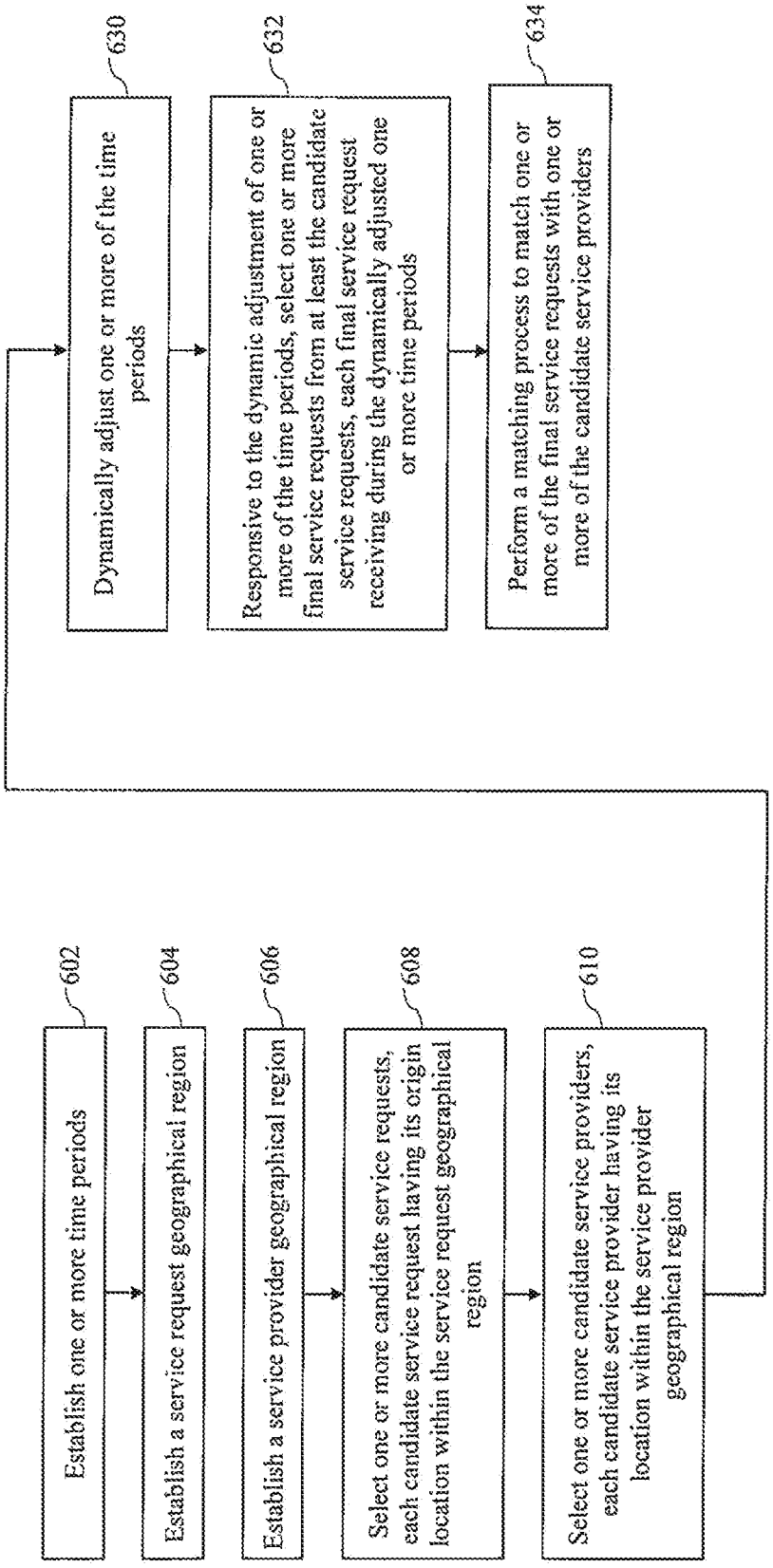

Establish one or more time periods
602
Establish a service request geographical region
604
Establish a service provider geographical region
606
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
608
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
610
Dynamically adjust one or more of the time periods
630
Responsive to the dynamic adjustment of one or more of the time periods, select one or more final service requests from at least the candidate service requests, each final service request receiving during the dynamically adjusted one or more time periods
632
Perform a matching process to match one or more of the final service requests with one or more of the candidate service providers
634

Fig. 6F

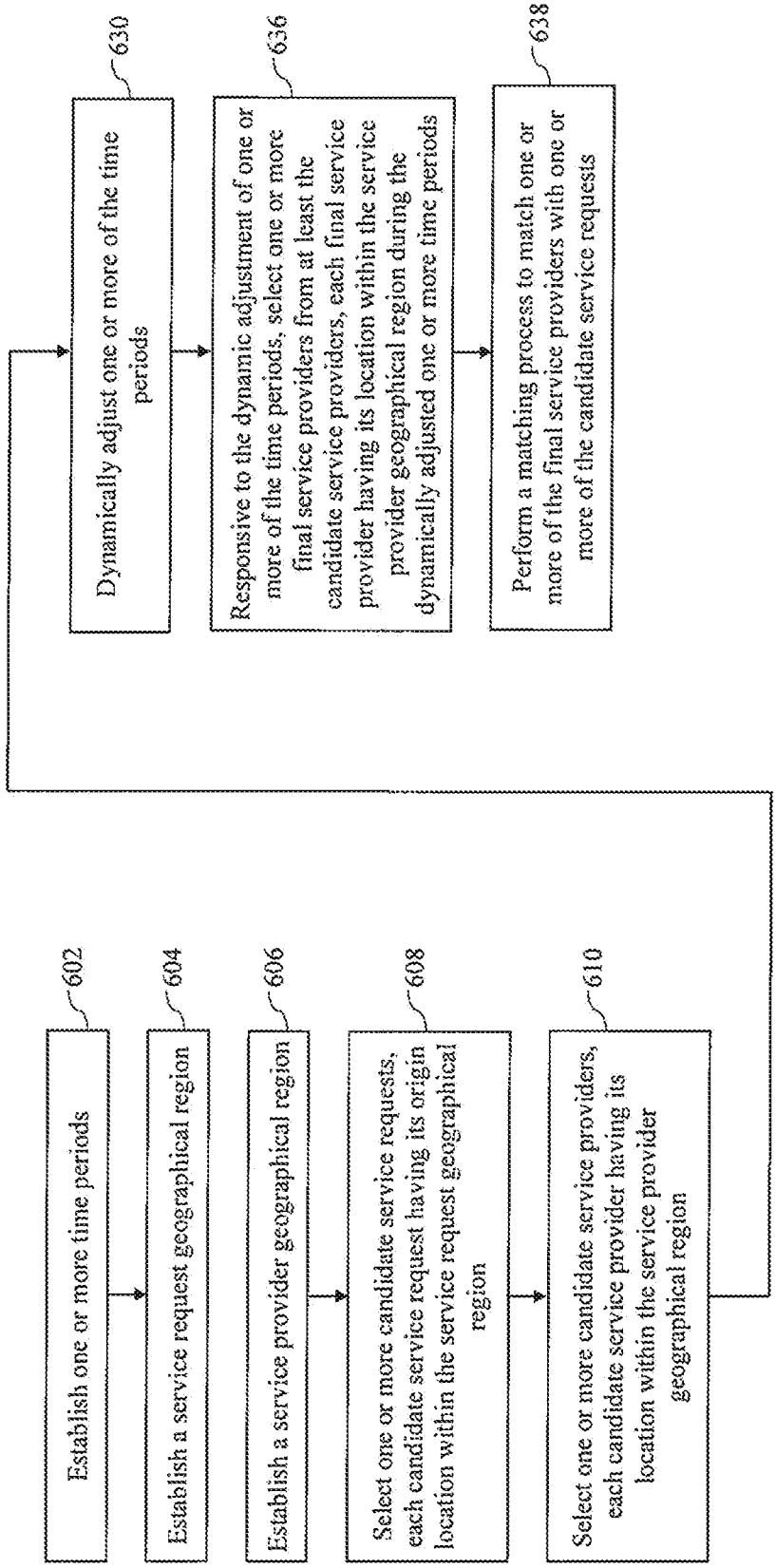

602
Establish one or more time periods
604
Establish a service request geographical region
606
Establish a service provider geographical region
608
Select one or more candidate service requests, each candidate service request having its origin location within the service request geographical region
610
Select one or more candidate service providers, each candidate service provider having its location within the service provider geographical region
630
Dynamically adjust one or more of the time periods
636
Responsive to the dynamic adjustment of one or more of the time periods, select one or more final service providers from at least the candidate service providers, each final service provider having its location within the service provider geographical region during the dynamically adjusted one or more time periods
638
Perform a matching process to match one or more of the final service providers with one or more of the candidate service requests

Fig. 6G

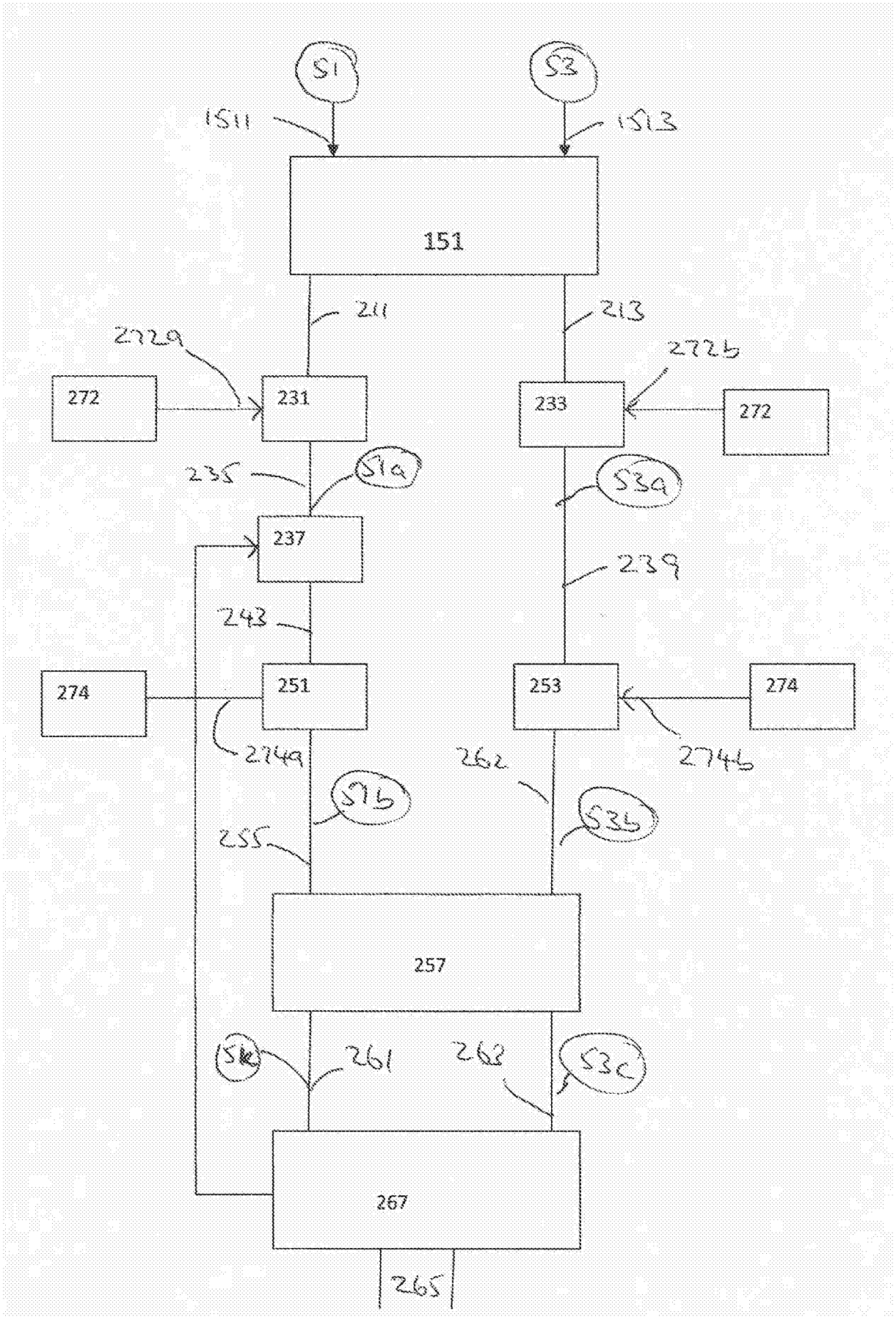

S1
S2
1511
1513
151
211
213
2729
2725
272
231
233
272
235
S1a
S3a
237
239
243
274
251
253
274
2749
2746
262
S5
S3b
255
257
S4
261
262
S3c
267
265

Fig. 7

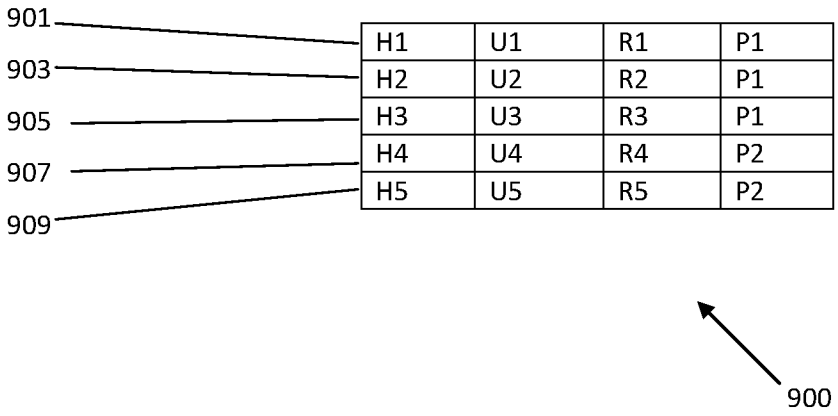

901
903
905
907
909
H1 U1 R1 P1
H2 U2 R2 P1
H3 U3 R3 P1
H4 U4 R4 P2
H5 U5 R5 P2
900

Fig. 8

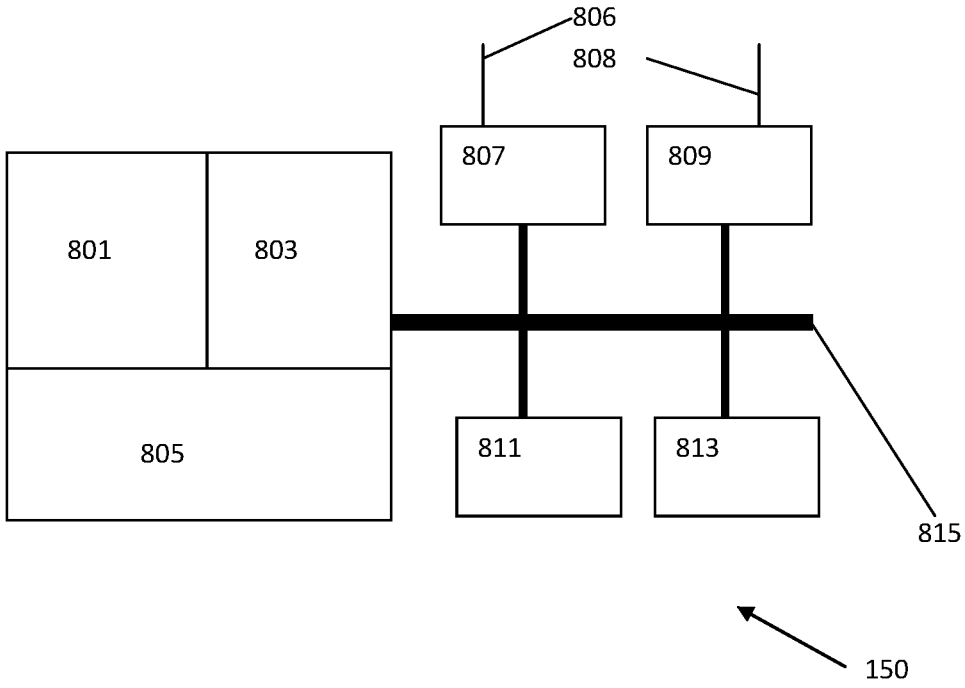


Fig. 9