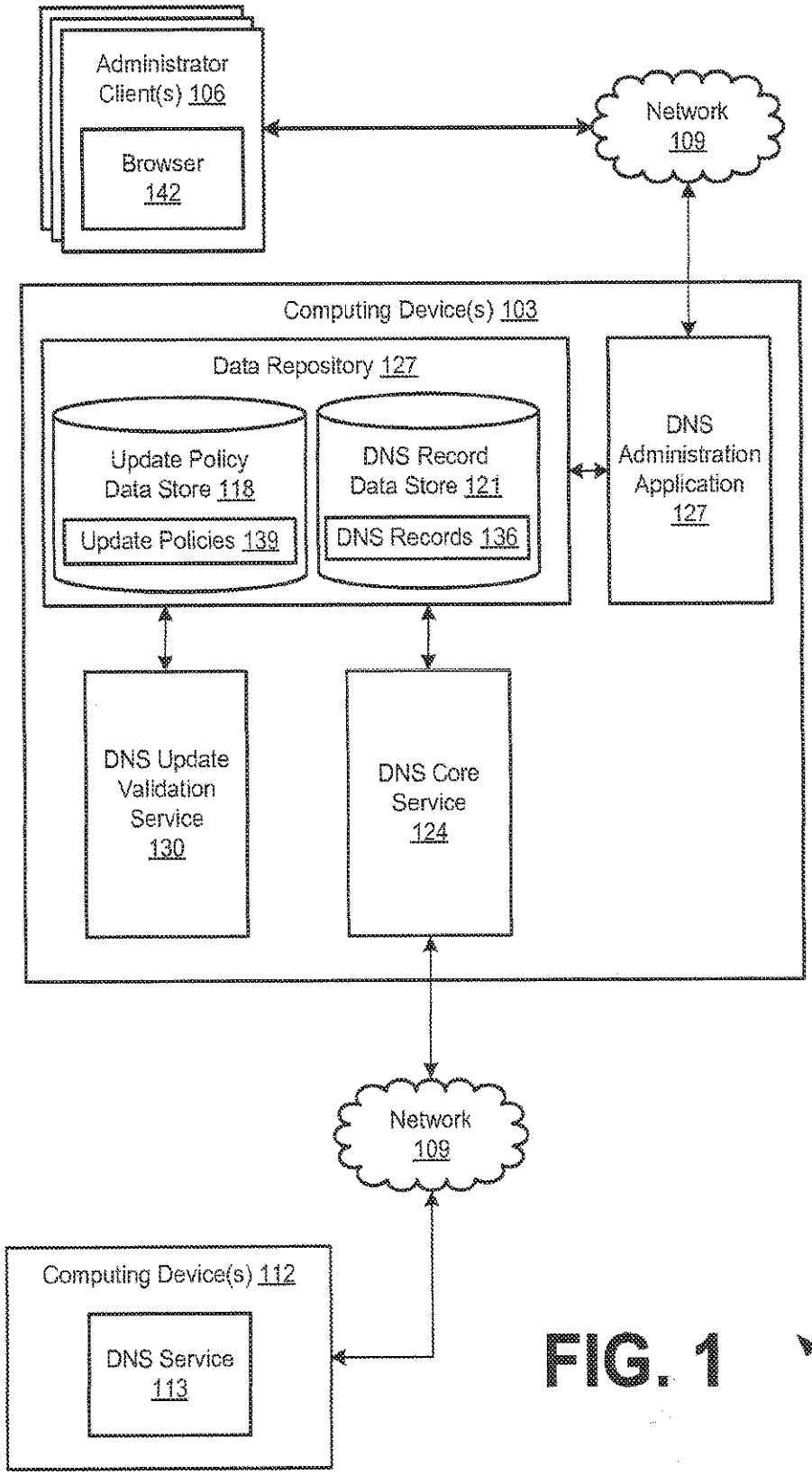
Administrator Client(s) 106
Browser 142
Network 109
Computing Device(s) 103
Data Repository 127
Update Policy Data Store 118
Update Policies 139
DNS Record Data Store 121
DNS Records 136
DNS Administration Application 127
DNS Update Validation Service 130
DNS Core Service 124
Network 109
Computing Device(s) 112
DNS Service 113
100

FIG. 1

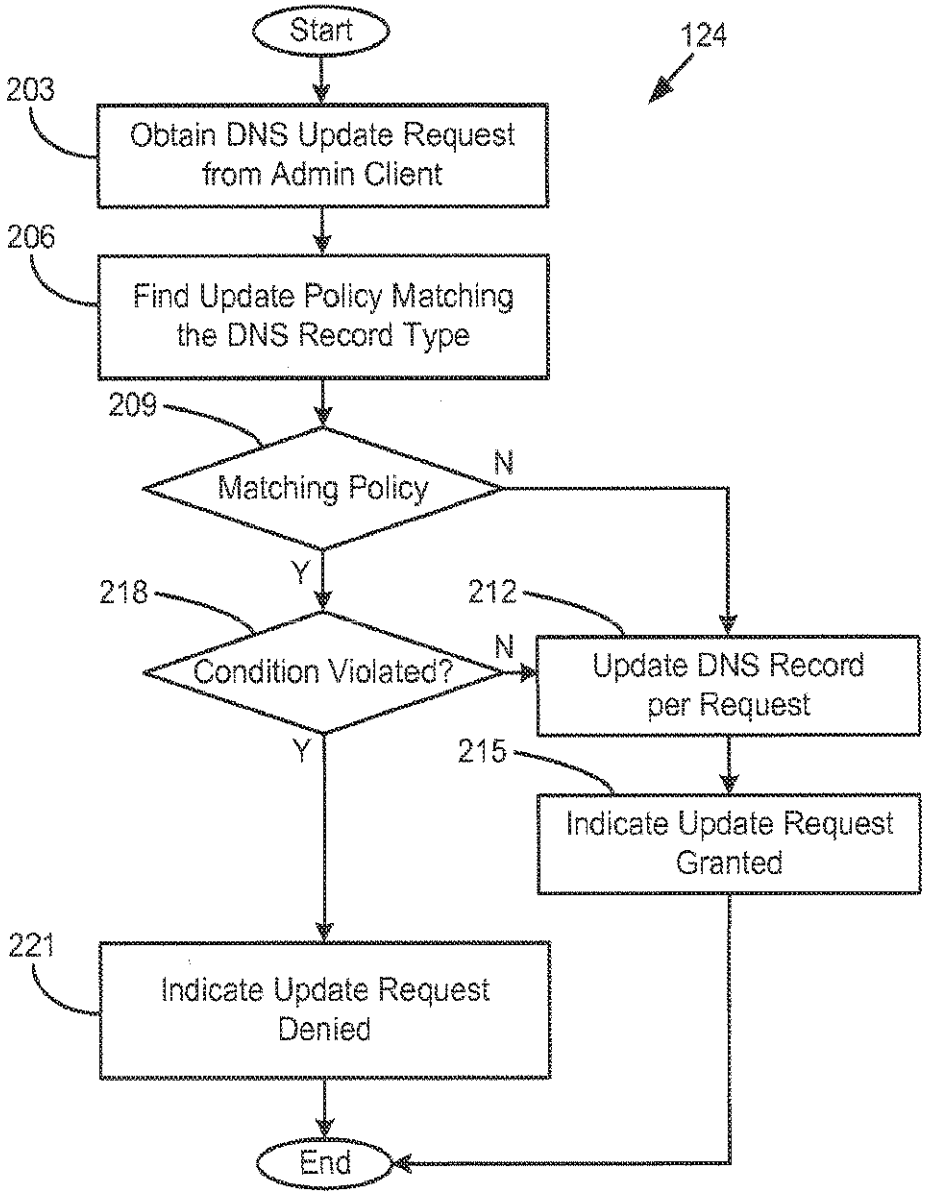
Start
124
203
Obtain DNS Update Request from Admin Client
206
Find Update Policy Matching the DNS Record Type
209
Matching Policy
N
Y
218
Condition Violated?
N
Y
212
Update DNS Record per Request
215
Indicate Update Request Granted
221
Indicate Update Request Denied
End

FIG. 2

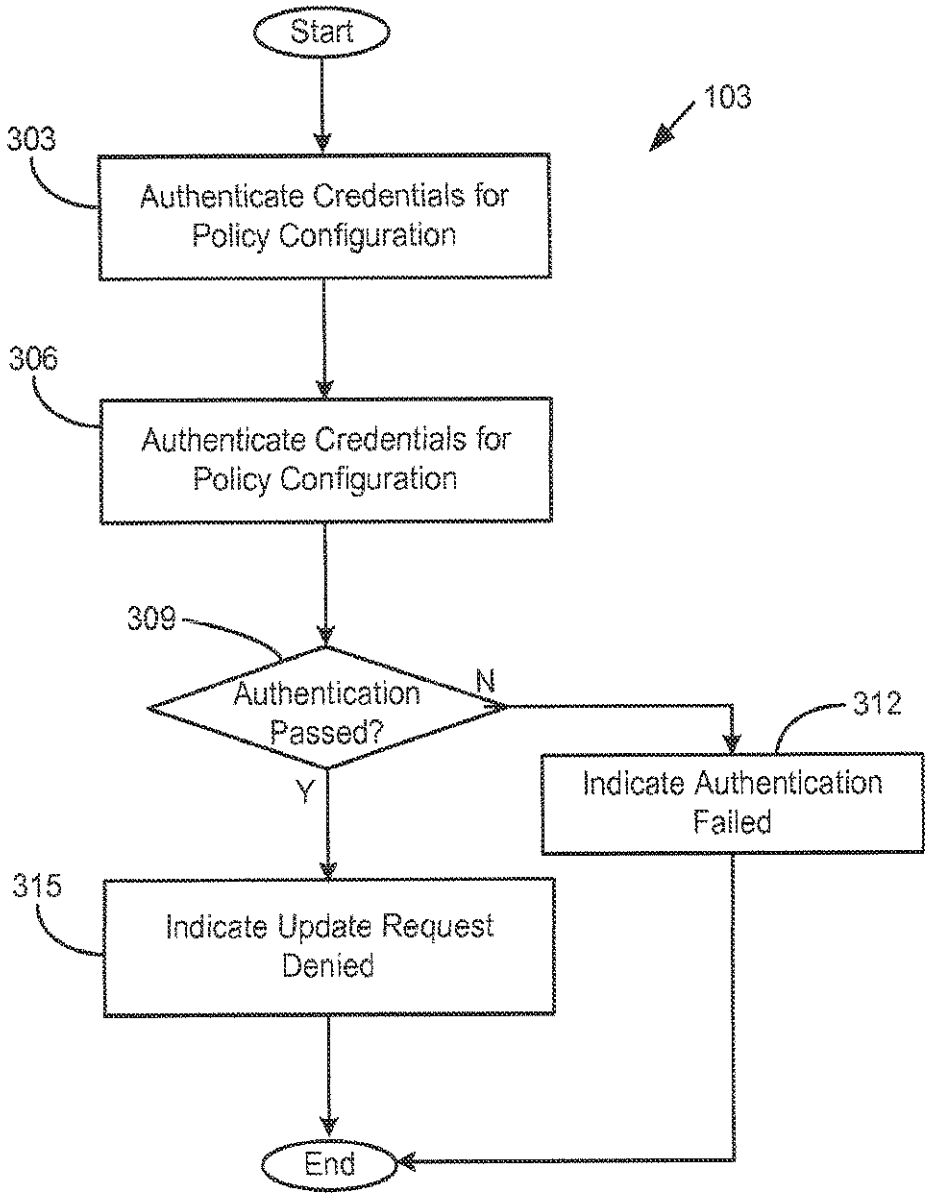
Start
103
303
Authenticate Credentials for Policy Configuration
306
Authenticate Credentials for Policy Configuration
309
Authentication Passed?
N
Y
312
Indicate Authentication Failed
315
Indicate Update Request Denied
End

FIG. 3

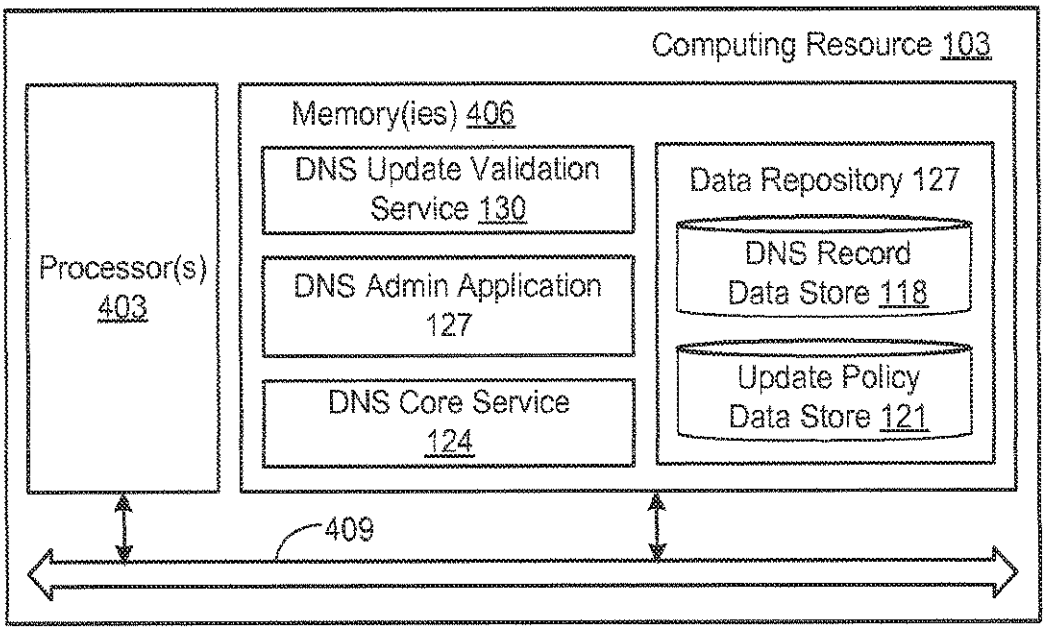
Computing Resource 103
Memory(ies) 406
DNS Update Validation Service 130
DNS Admin Application 127
DNS Core Service 124
Data Repository 127
DNS Record Data Store 118
Update Policy Data Store 121
Processor(s) 403
409

FIG. 4