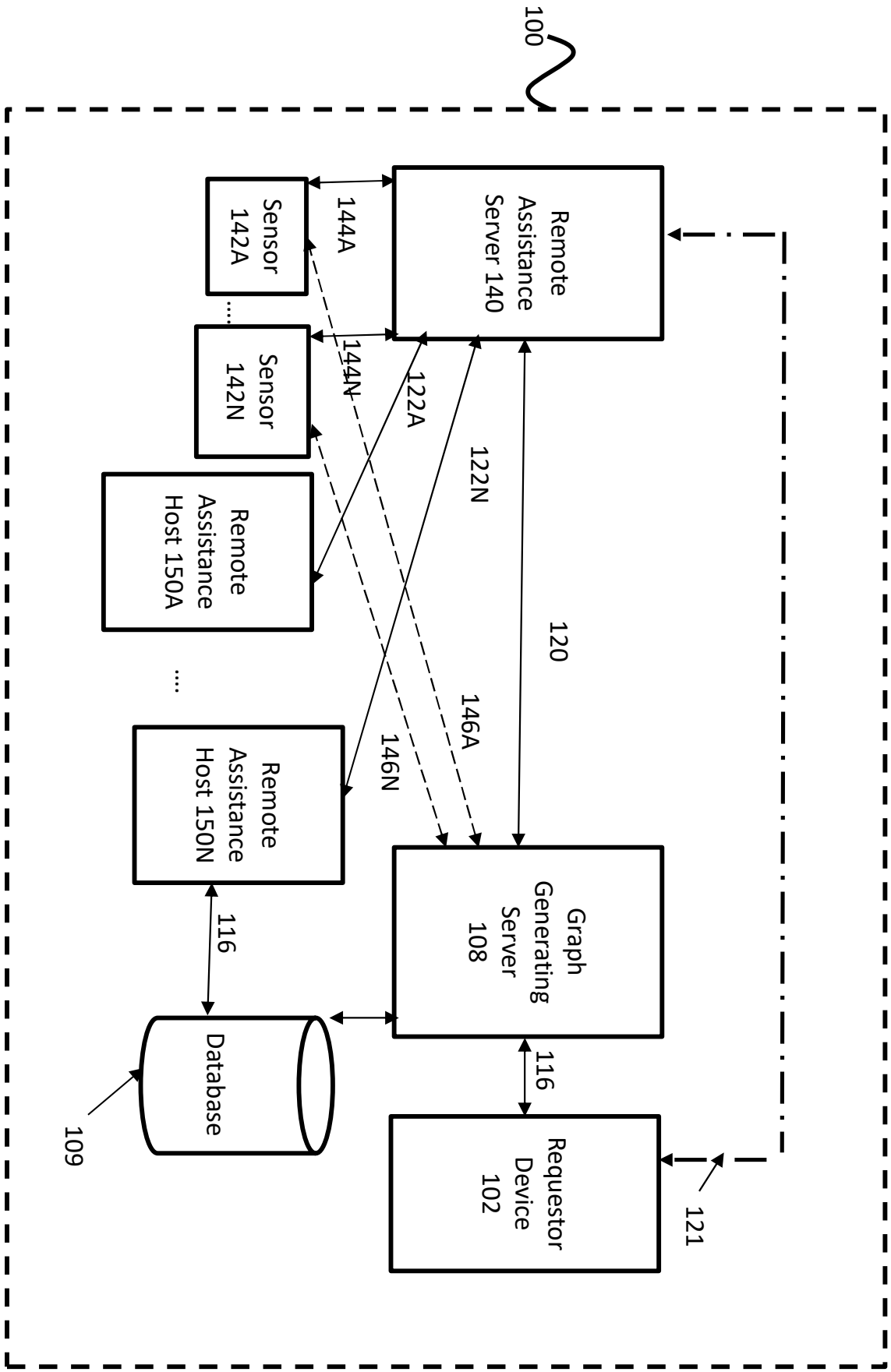

100
Remote Assistance Server 140
Sensor 142A
Sensor 142N
144A
144N
122A
122N
120
Remote Assistance Host 150A
Remote Assistance Host 150N
146A
146N
Graph Generating Server 108
116
Database
109
Requestor Device 102
121

FIG 1

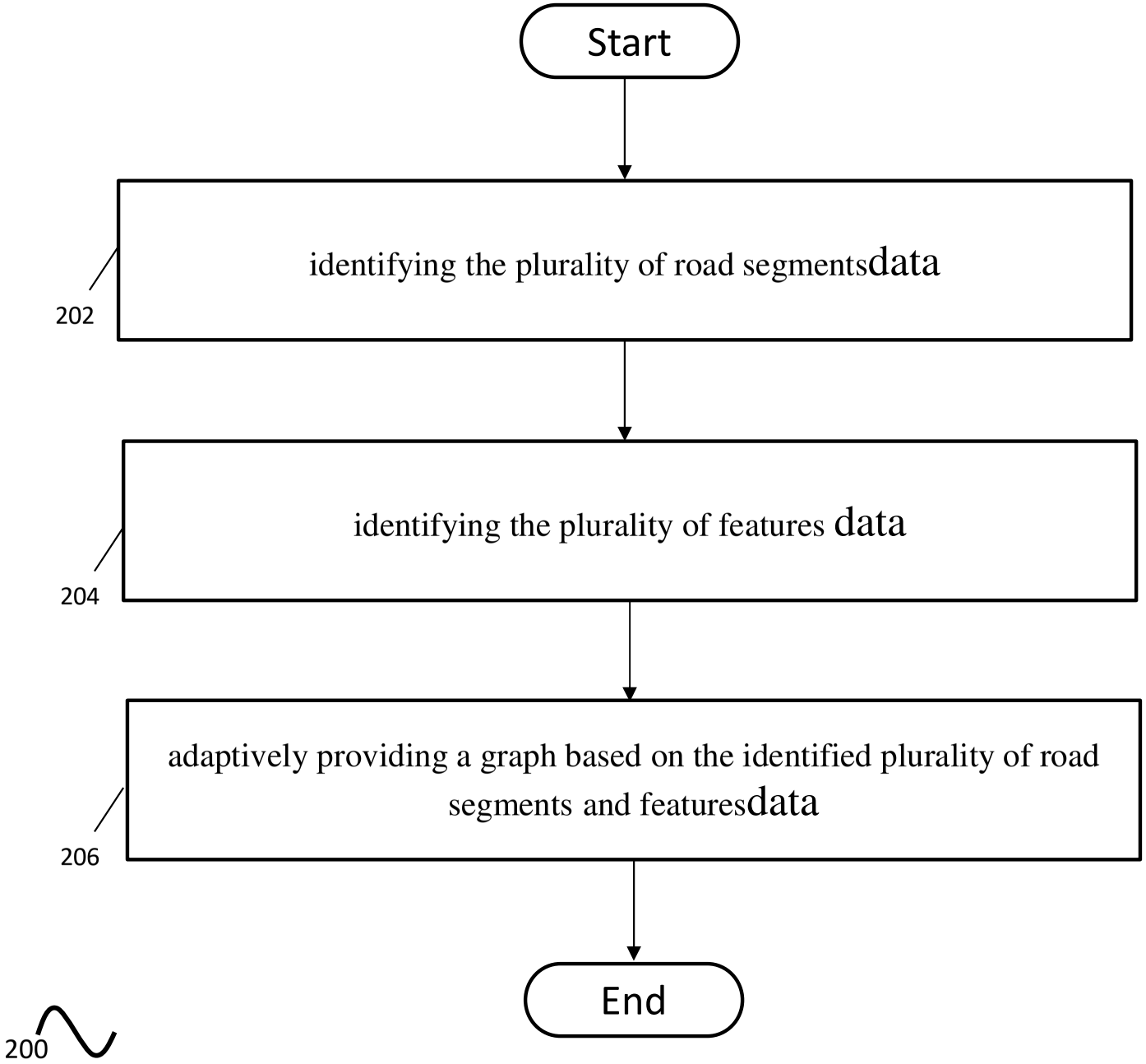

Start
identifying the plurality of road segmentsdata
202
identifying the plurality of features data
204
adaptively providing a graph based on the identified plurality of road segments and featuresdata
206
End
200

Figure 2

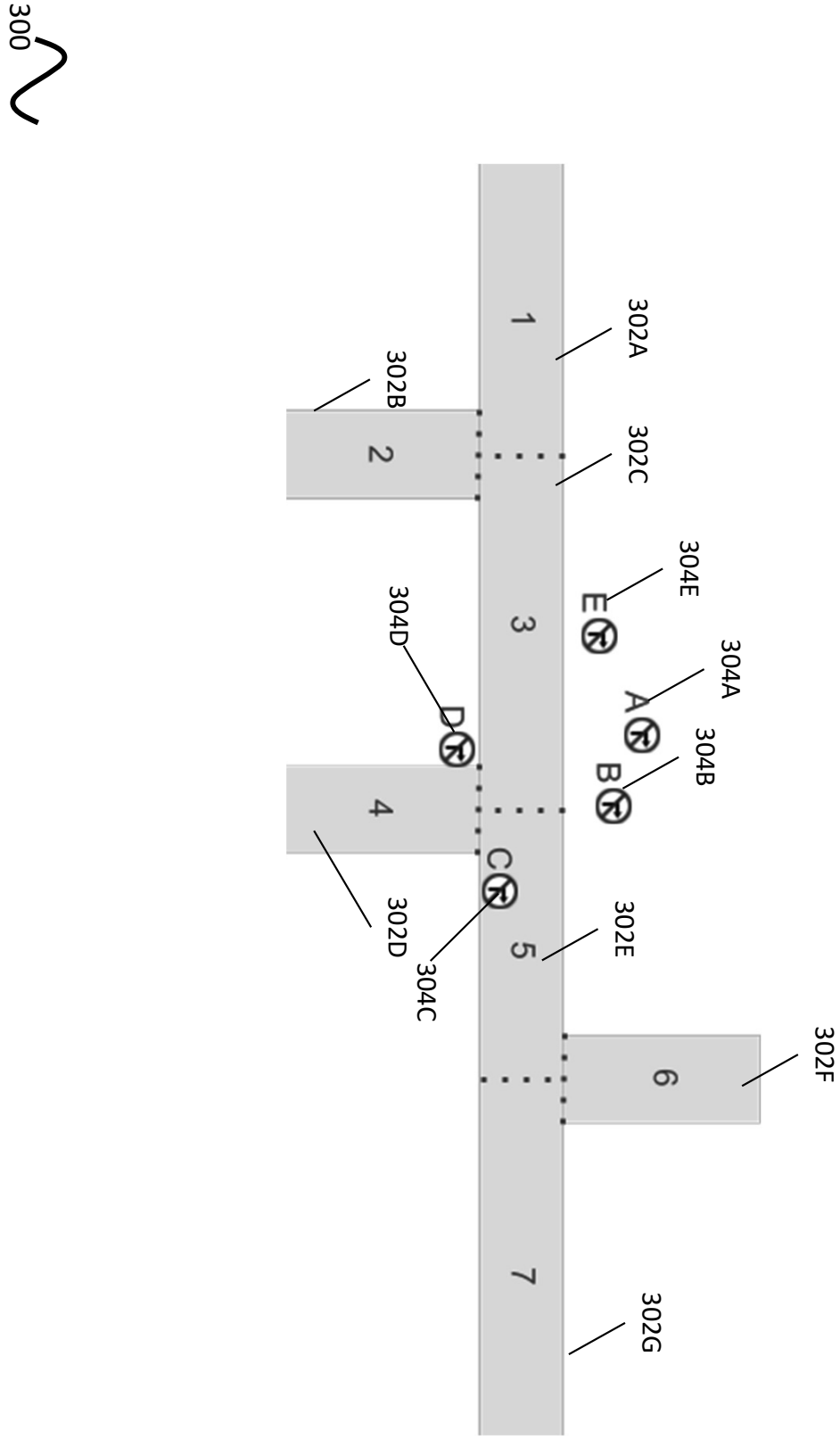

300
1
2
3
4
5
6
7
302A
302B
302C
302D
302E
302F
302G
304A
304B
304C
304D
304E
A
B
C
D
E

Figure 3

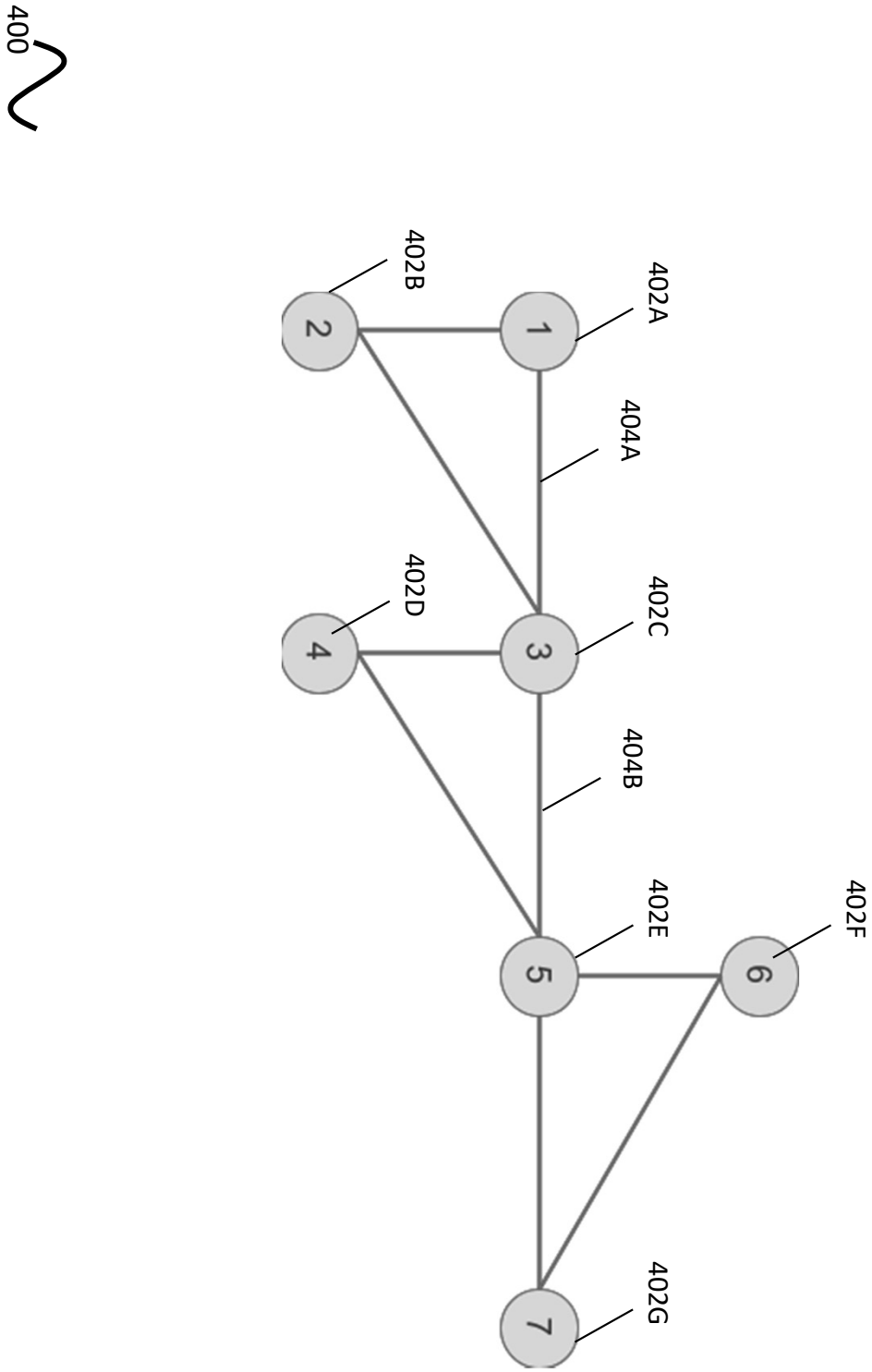


Figure 4

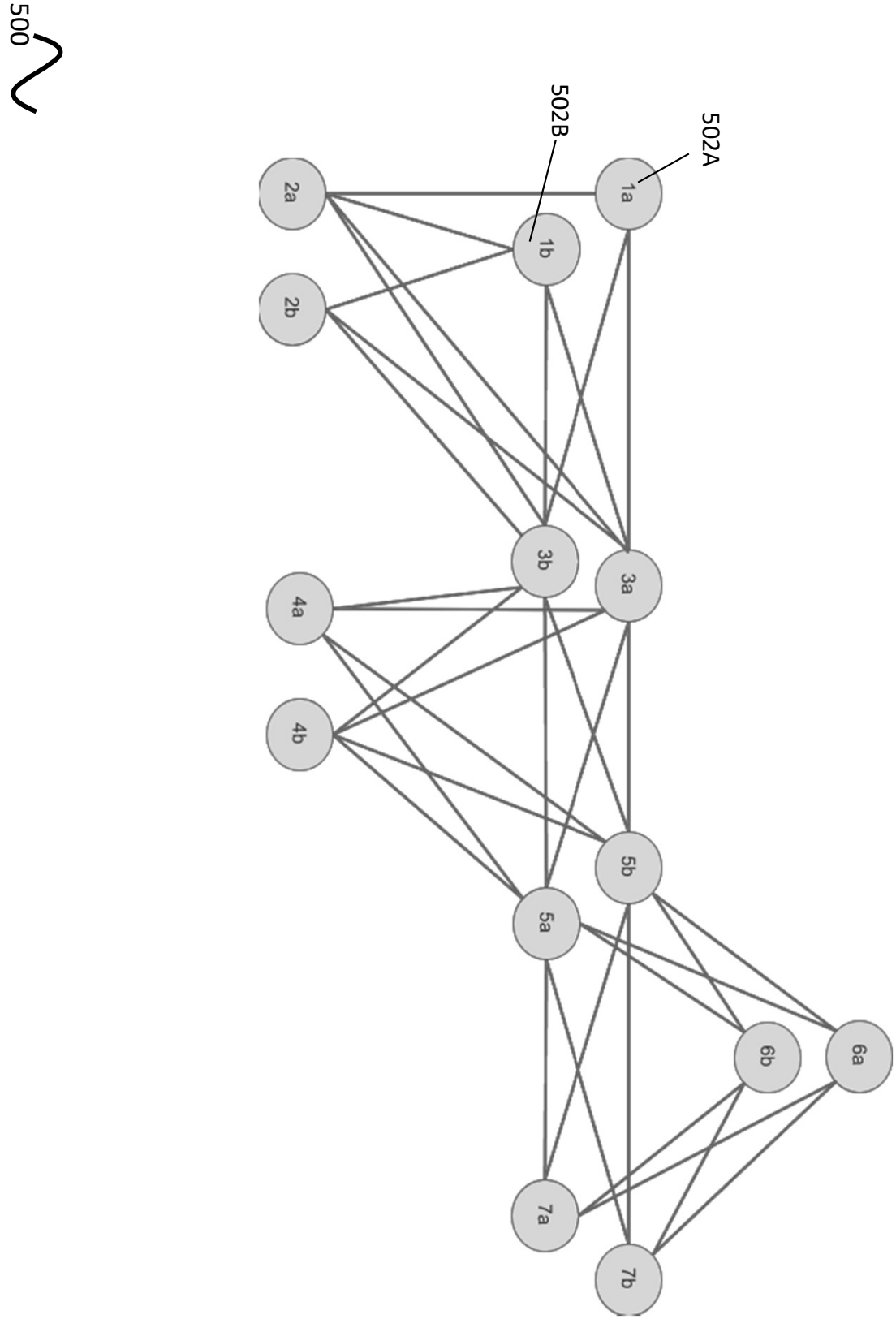


Figure 5a

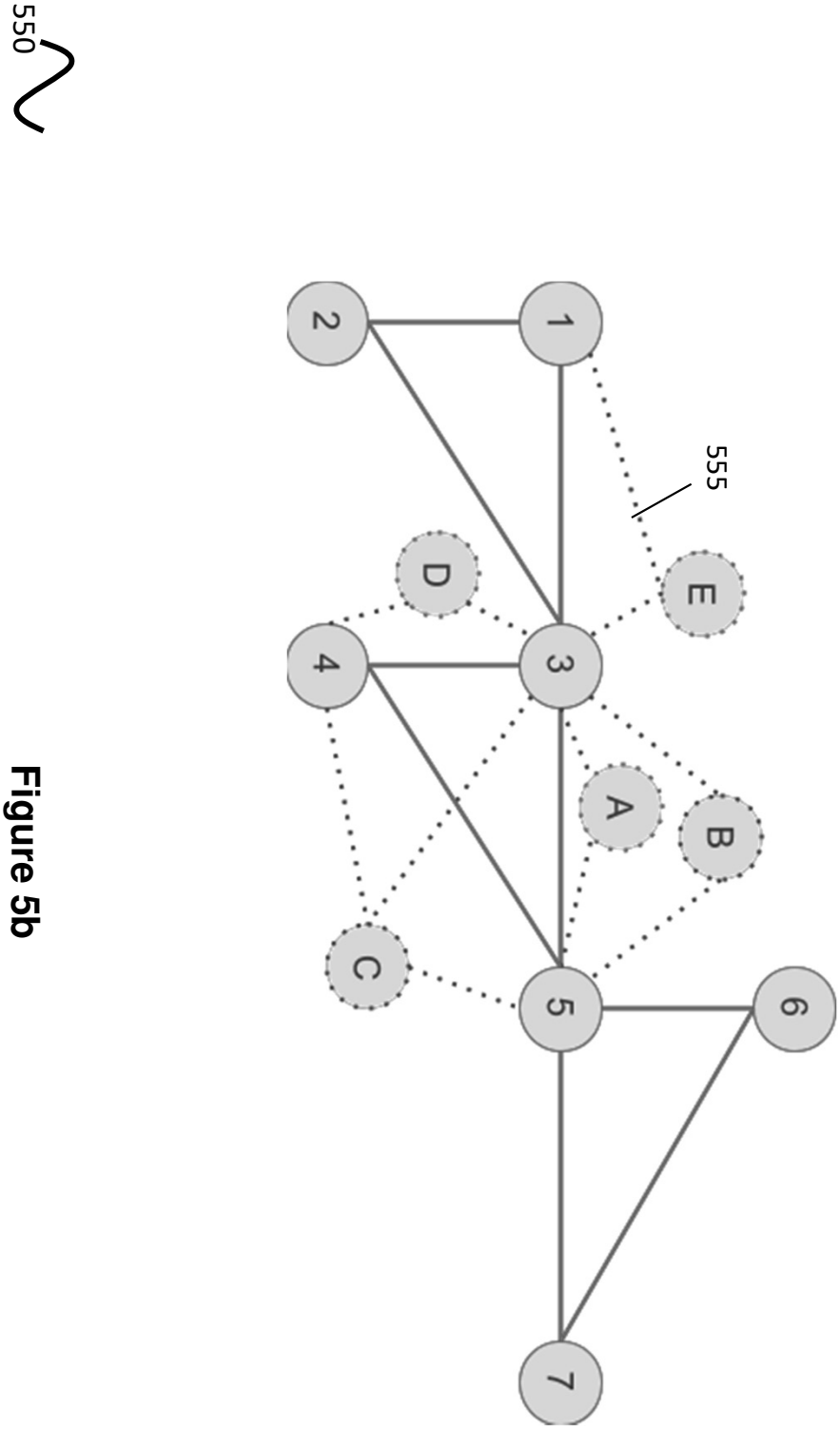


Figure 5b

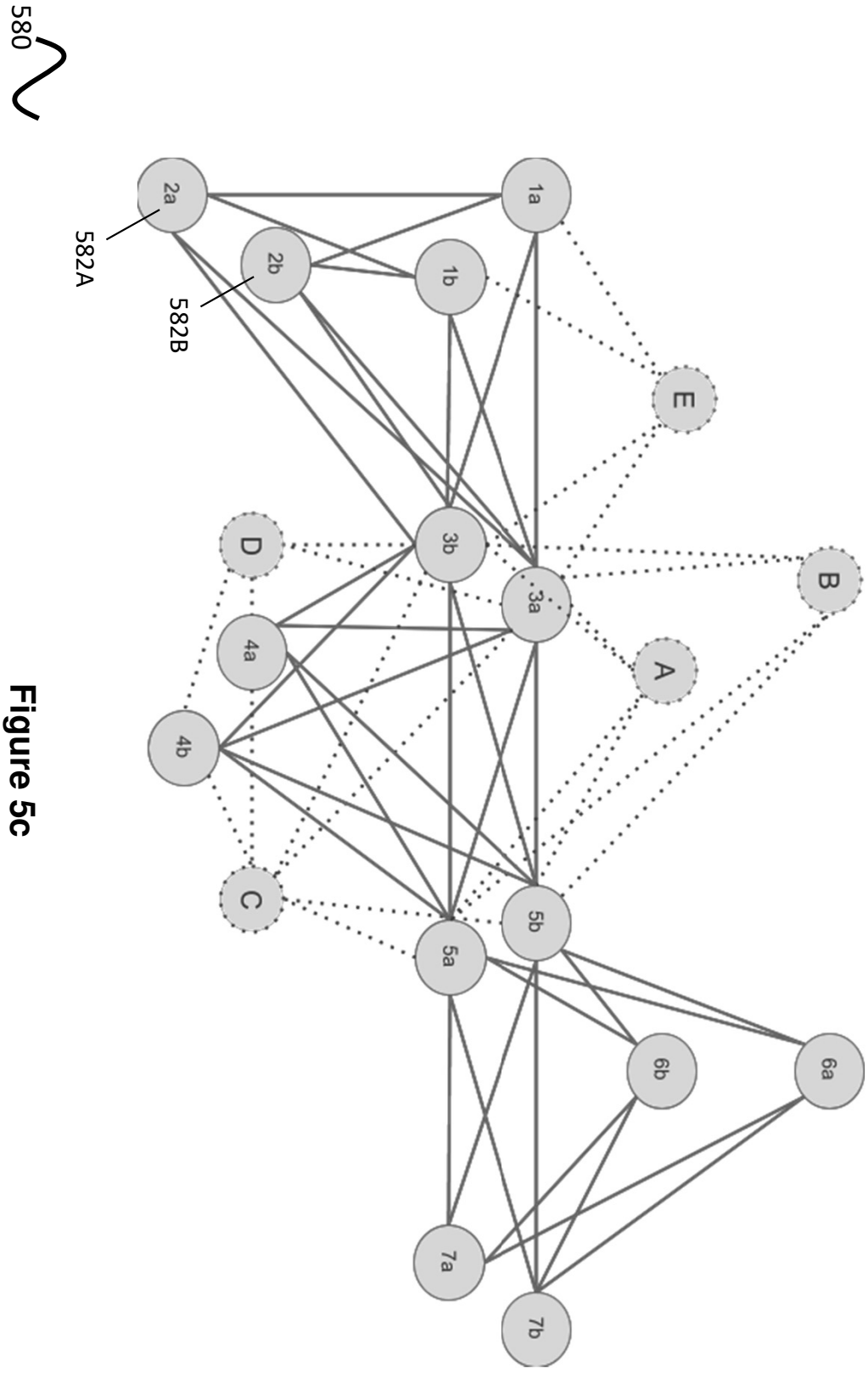


Figure 5c

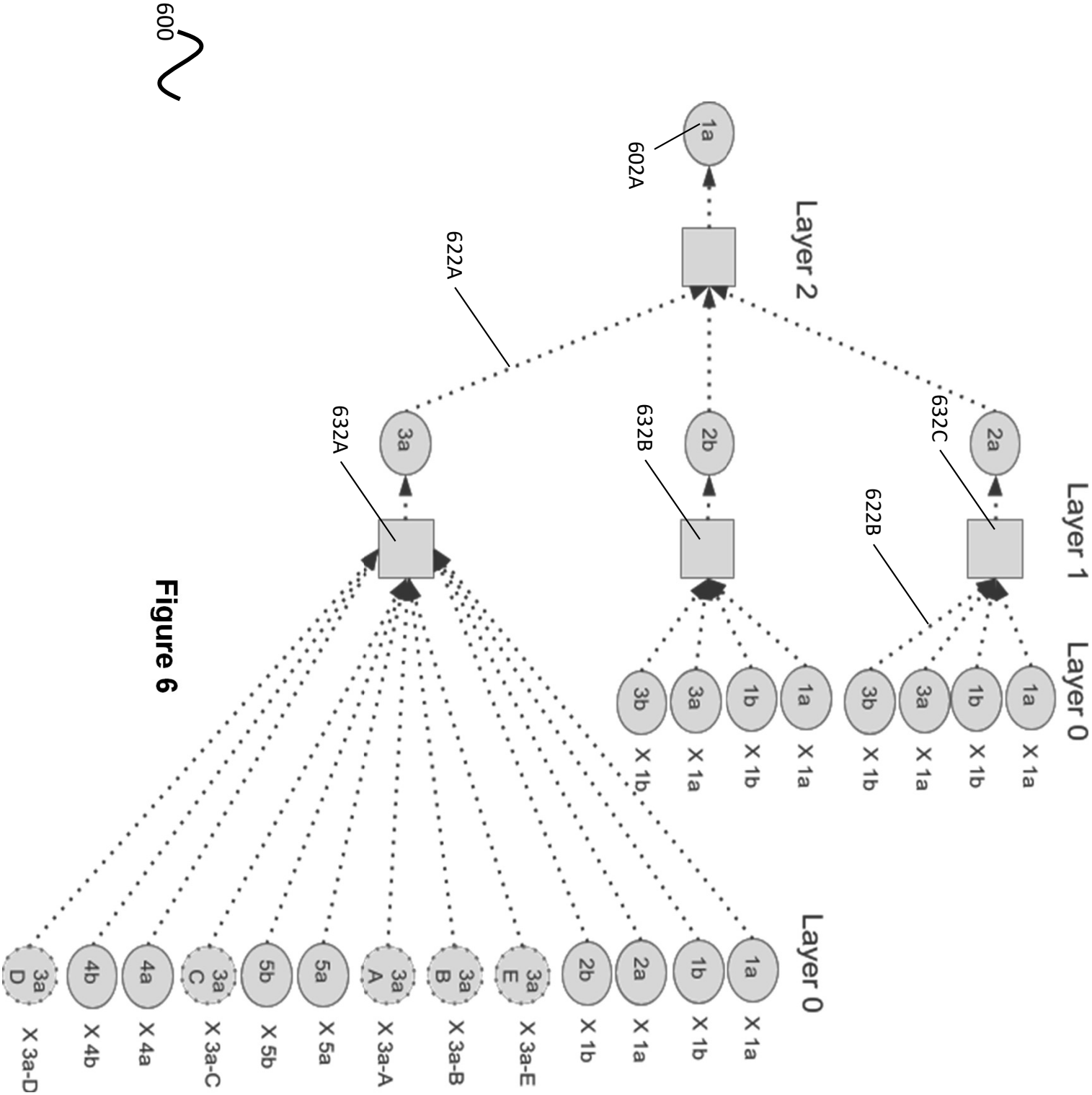

600
Layer 2
Layer 1
Layer 0
Layer 0
1a
602A
622A
632A
632B
632C
622B
2a
2b
3a
1a
1b
3a
3b
1a
1b
3a
3b
X 1a
X 1b
X 1a
X 1b
X 1a
X 1b
X 1a
X 1b
2a
2b
3a E
3a B
3a A
5a
5b
3a C
4a
4b
3a D
X 1a
X 1b
X 1a
X 1b
X 3a-E
X 3a-B
X 3a-A
X 5a
X 5b
X 3a-C
X 4a
X 4b
X 3a-D

Figure 6

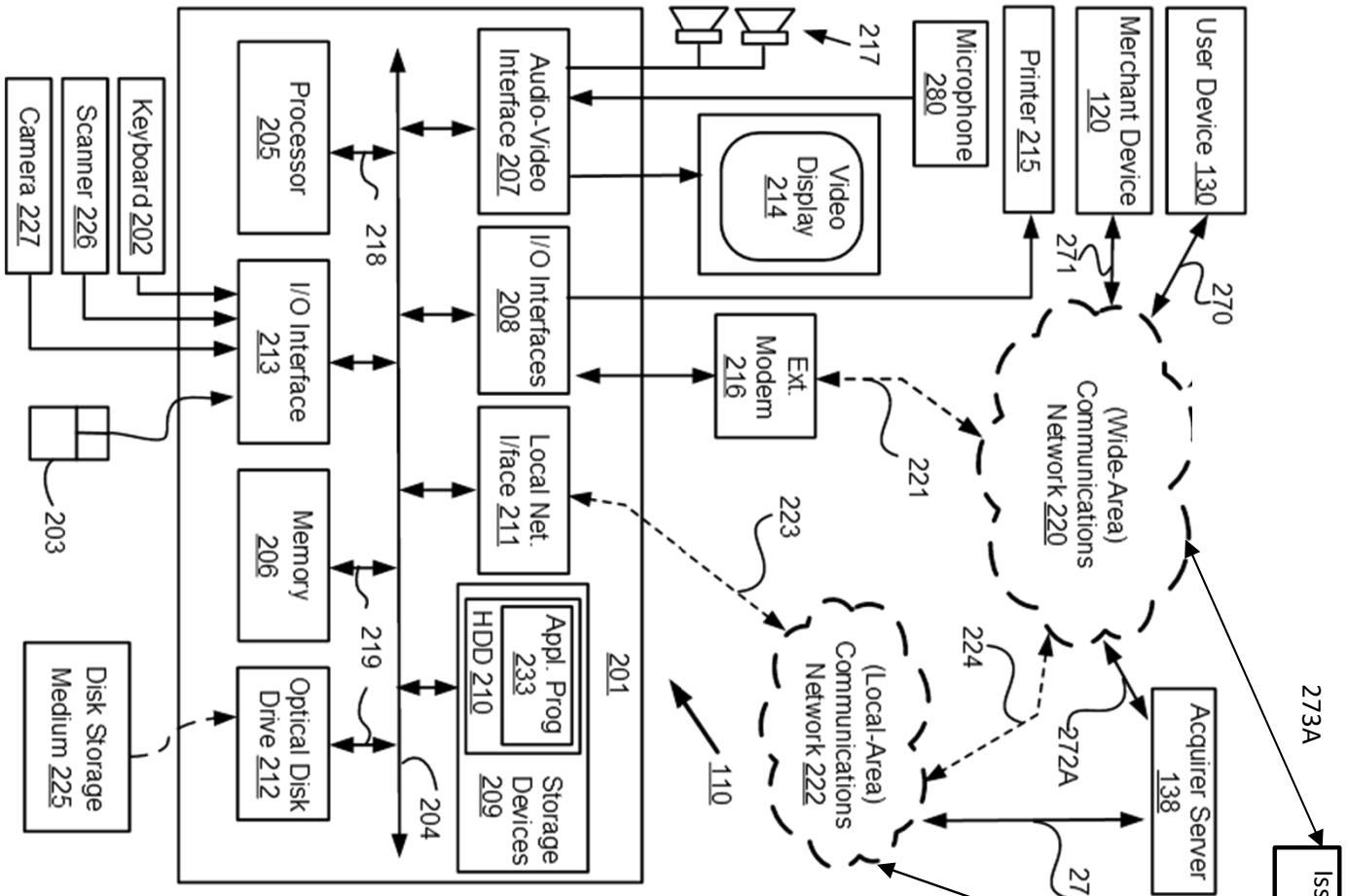

User Device 130
Merchant Device 120
Printer 215
Microphone 280
Video Display 214
Audio-Video Interface 207
I/O Interfaces 208
Local Net. I/face 211
Ext. Modem 216
Processor 205
I/O Interface 213
Memory 206
Optical Disk Drive 212
Disk Storage Medium 225
Appl. Prog 233
HDD 210
Storage Devices 209
201
Keyboard 202
Scanner 226
Camera 227
203
217
218
219
204
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271
221
223
224
110
(Wide-Area) Communications Network 220
(Local-Area) Communications Network 222
Acquirer Server 138
Issuer Server 142
272A
272B
273A
273B

Figure 7

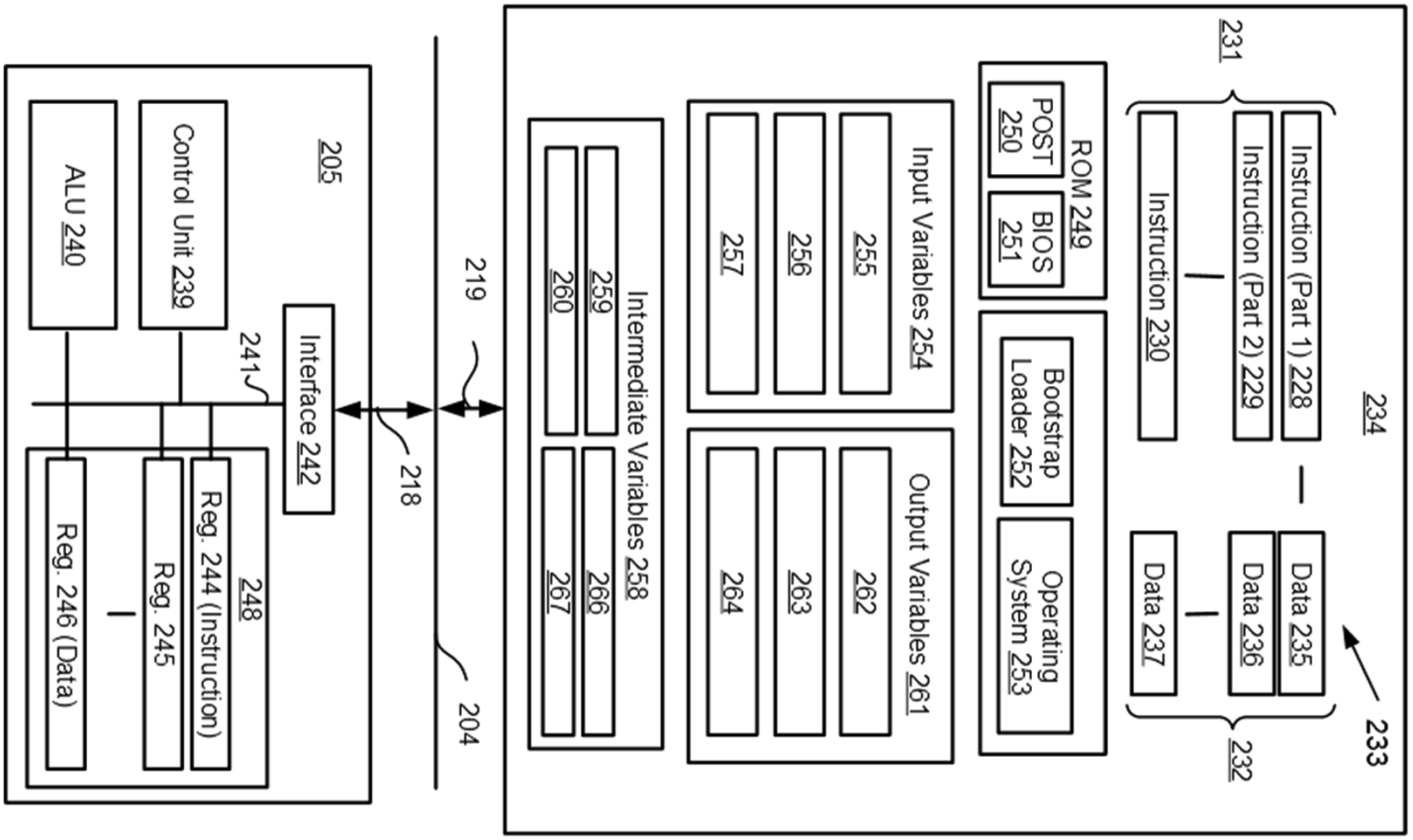

234
233
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Instruction (Part 2) 229
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Data 237
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POST 250
BIOS 251
Bootstrap Loader 252
Operating System 253
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Output Variables 261
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264
Intermediate Variables 258
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260
266
267
219
204
218
205
Interface 242
241
Control Unit 239
ALU 240
248
Reg. 244 (Instruction)
Reg. 245
Reg. 246 (Data)

Figure 8

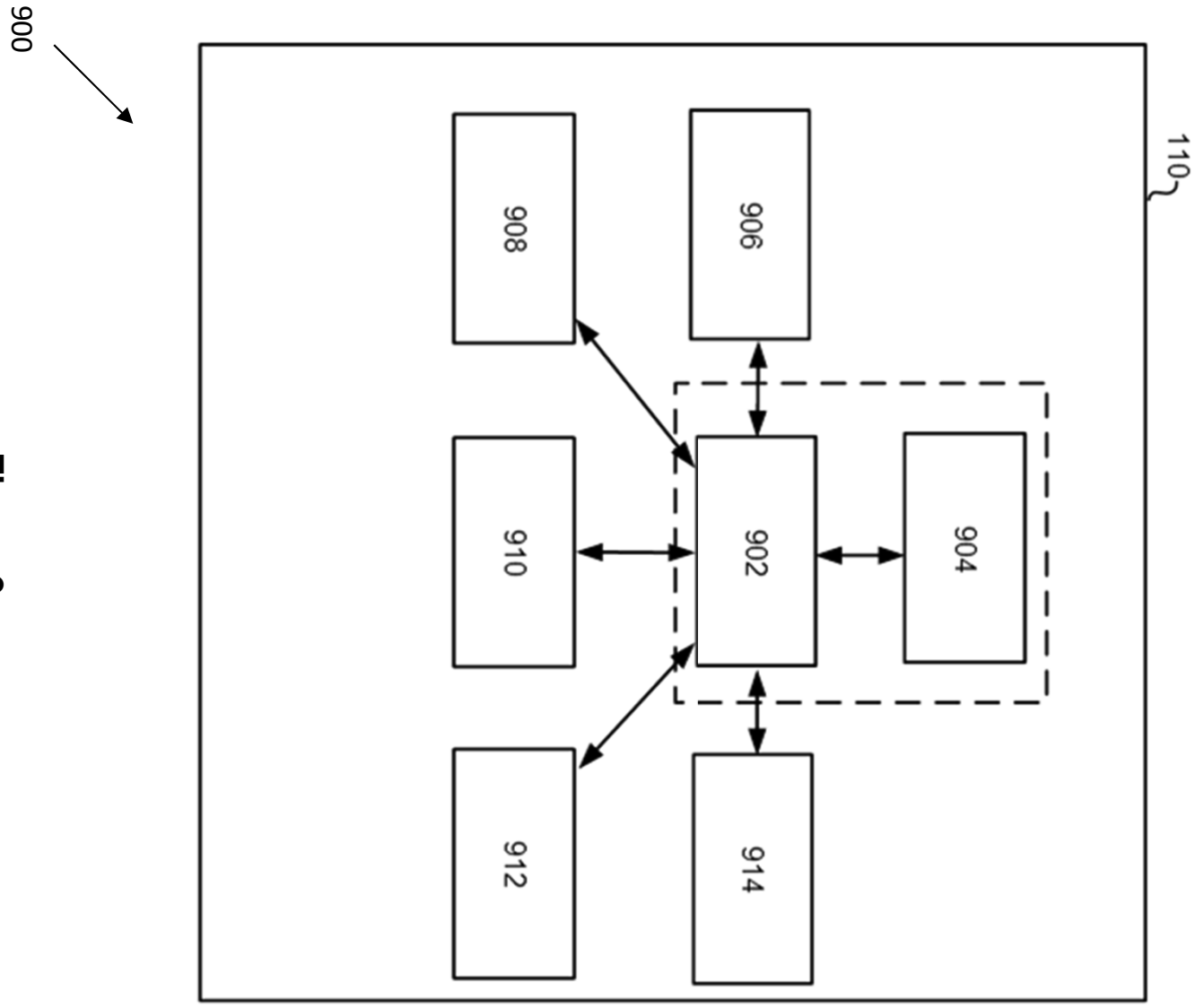


Figure 9