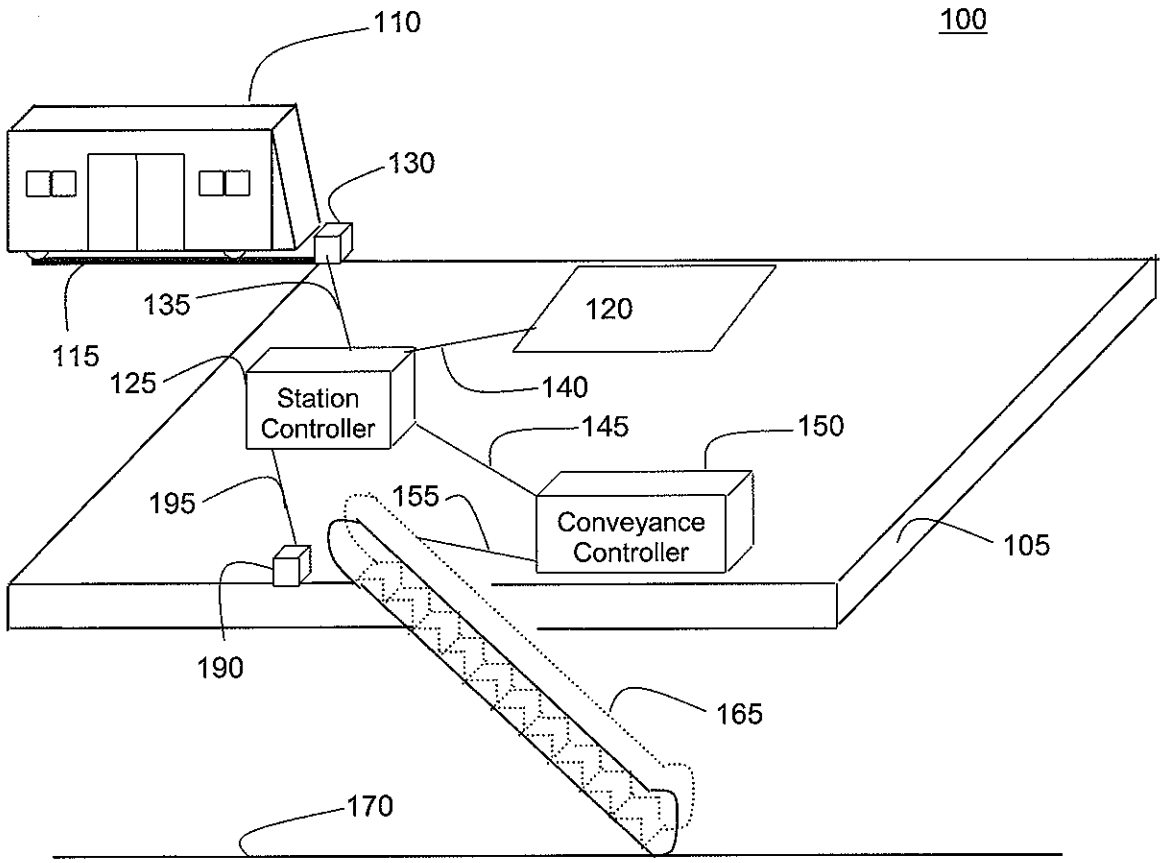

110
100
130
135
120
115
125
140
Station Controller
145
150
195
155
Conveyance Controller
105
190
165
170

Figure 1

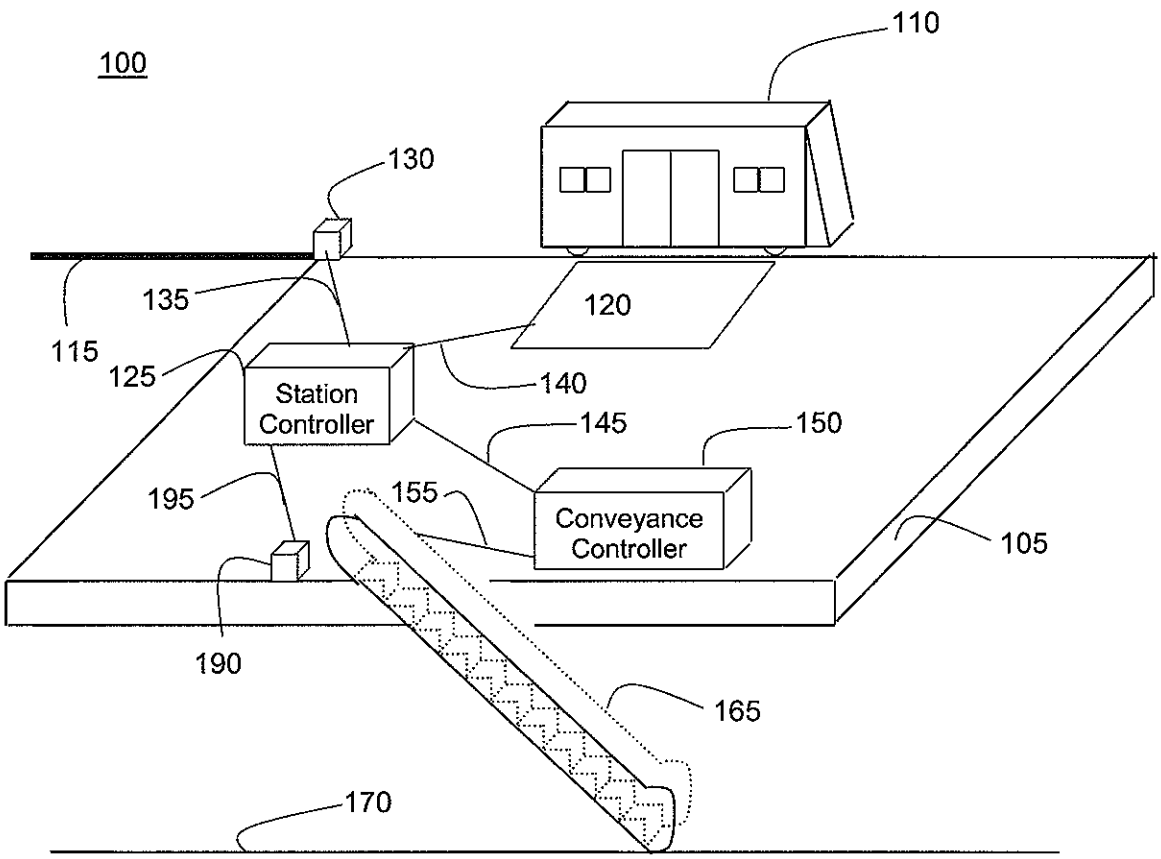

100
110
130
135
115
120
125
140
Station Controller
145
150
195
155
Conveyance Controller
105
190
165
170

Figure 2

300

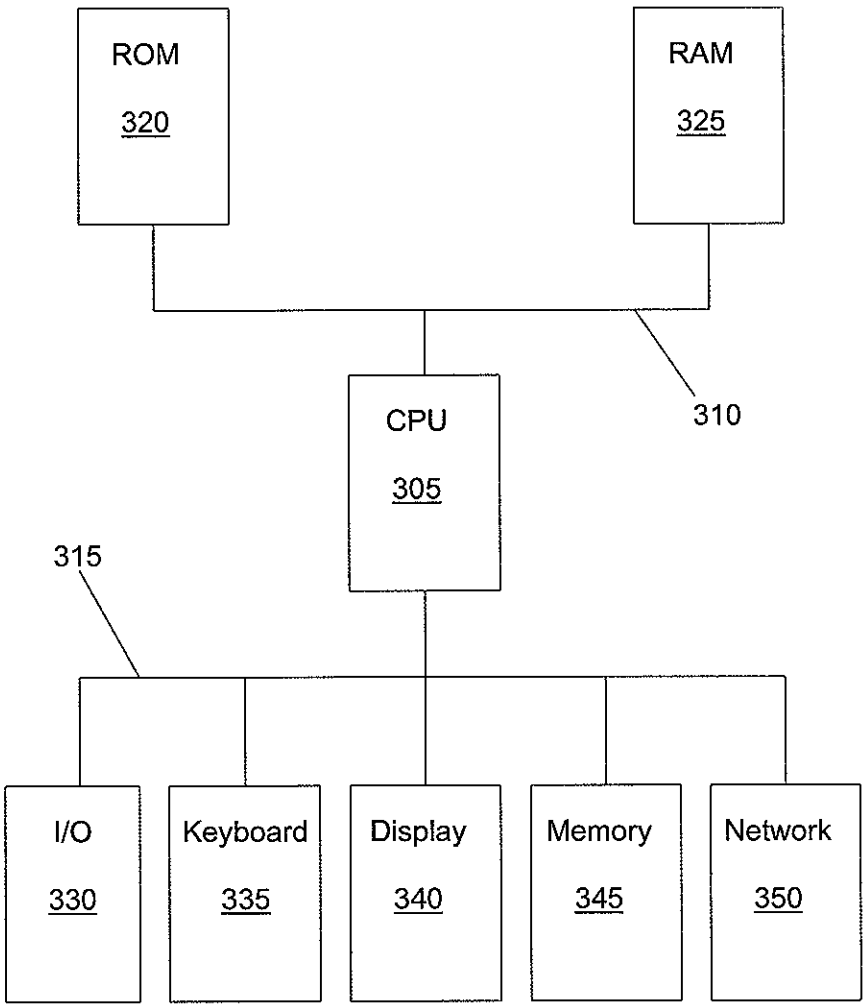

ROM
320
RAM
325
310
CPU
305
315
I/O
330
Keyboard
335
Display
340
Memory
345
Network
350

Figure 3

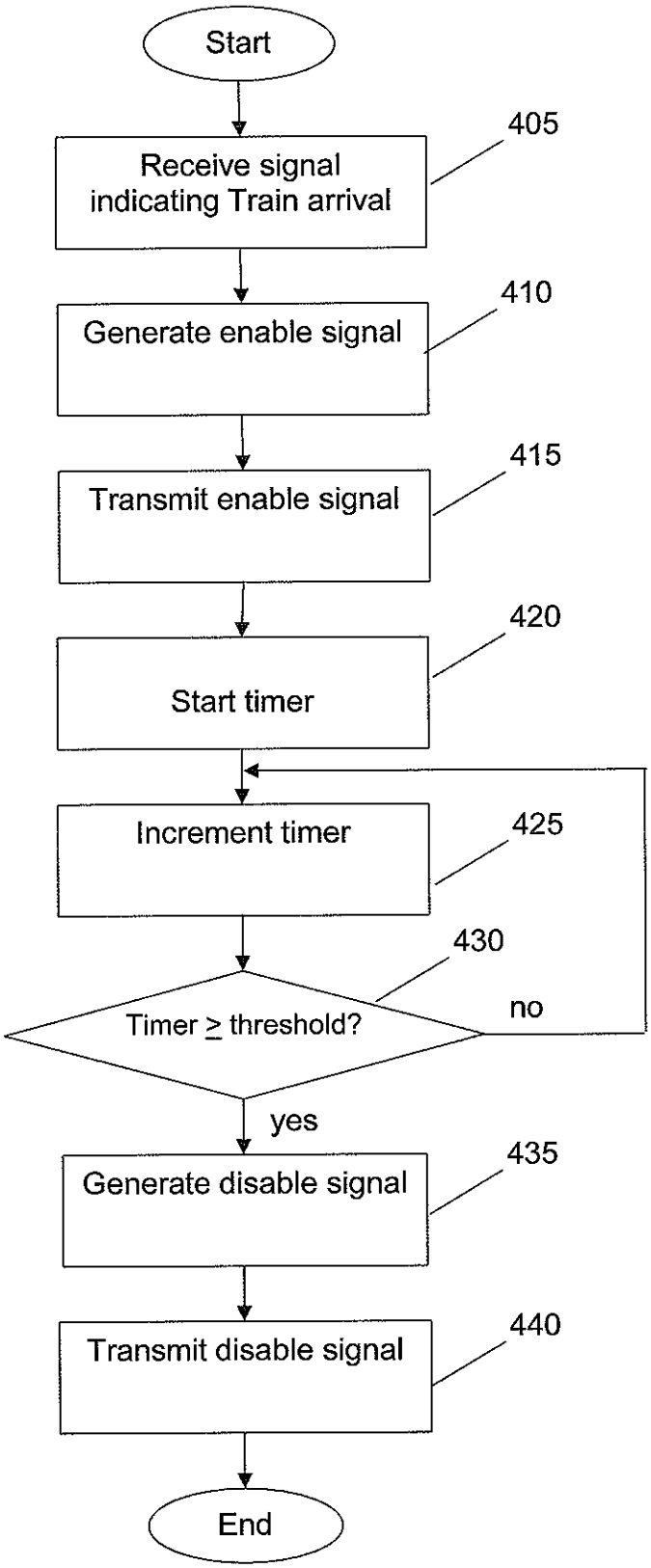

Start
Receive signal indicating Train arrival
405
400
Generate enable signal
410
Transmit enable signal
415
Start timer
420
Increment timer
425
Timer ≥ threshold?
430
no
yes
Generate disable signal
435
Transmit disable signal
440
End

Figure 4

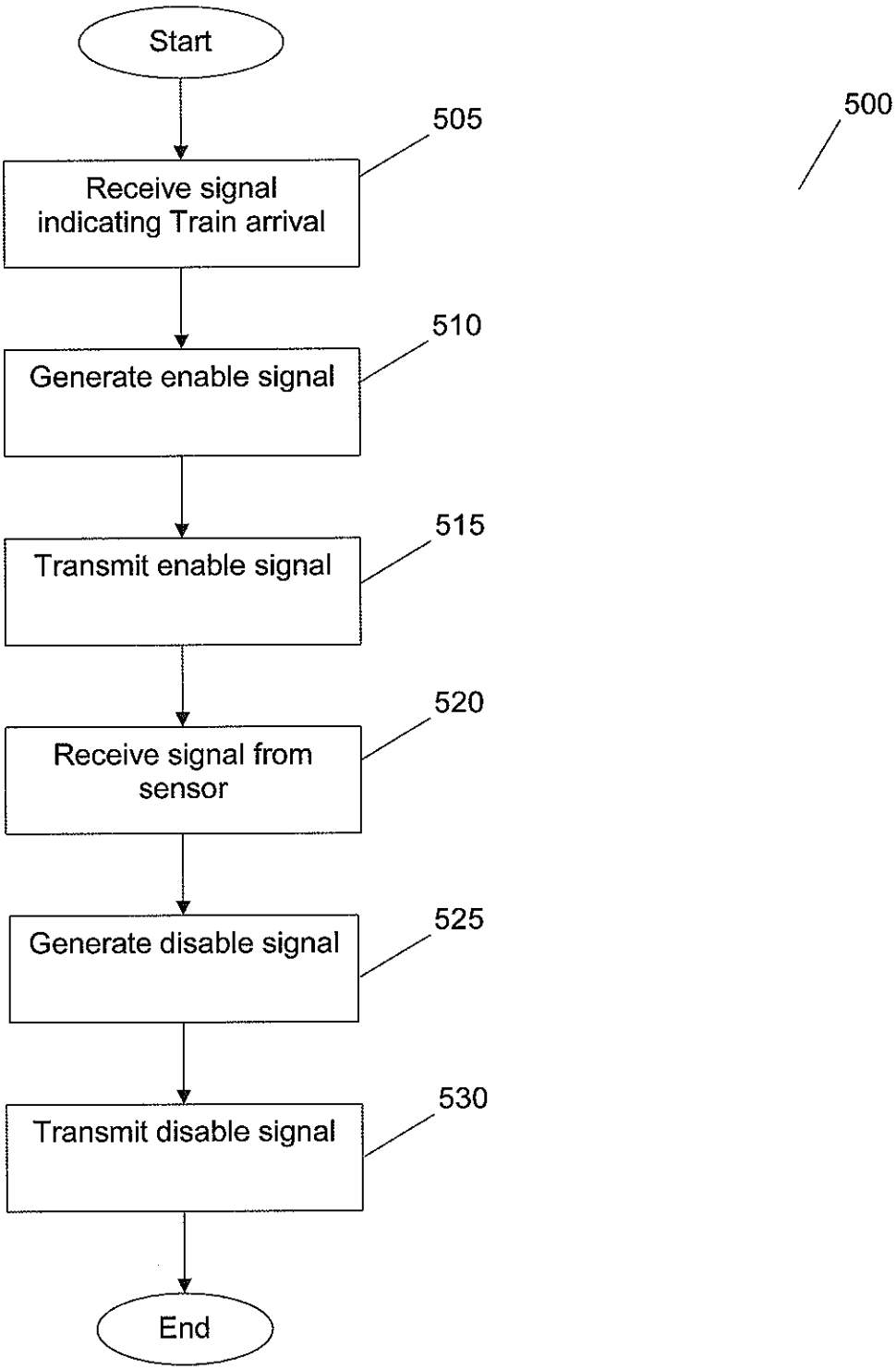

Start
505
Receive signal indicating Train arrival
510
Generate enable signal
515
Transmit enable signal
520
Receive signal from sensor
525
Generate disable signal
530
Transmit disable signal
End
500

Figure 5

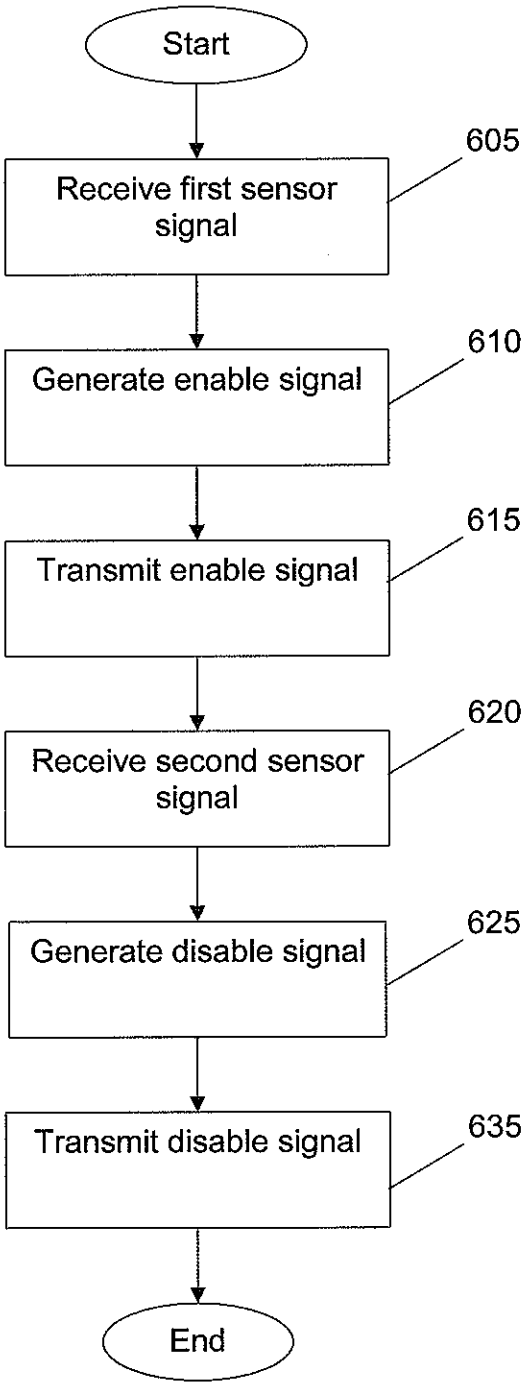

Start
Receive first sensor signal
605
Generate enable signal
610
Transmit enable signal
615
Receive second sensor signal
620
Generate disable signal
625
Transmit disable signal
635
End
600

Figure 6