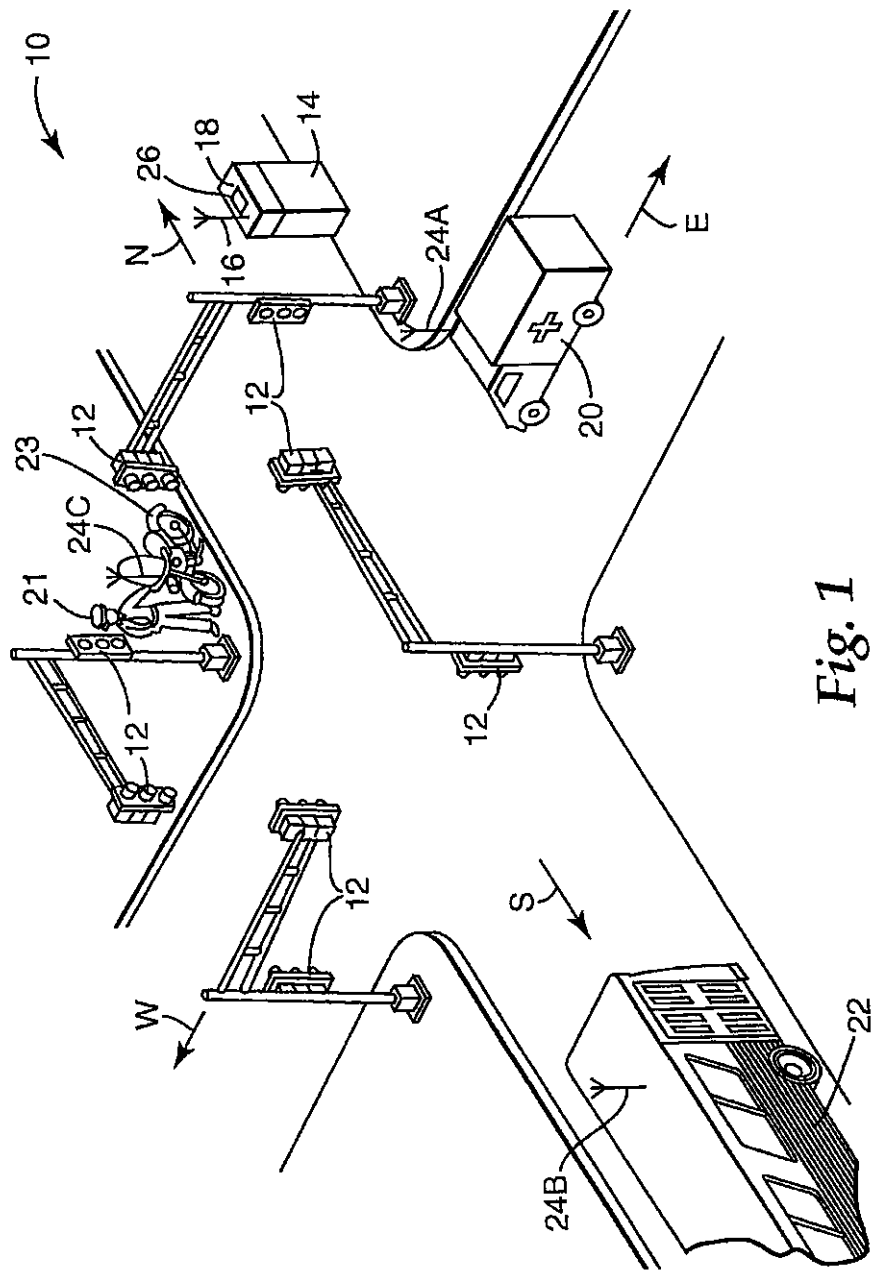


Fig. 1

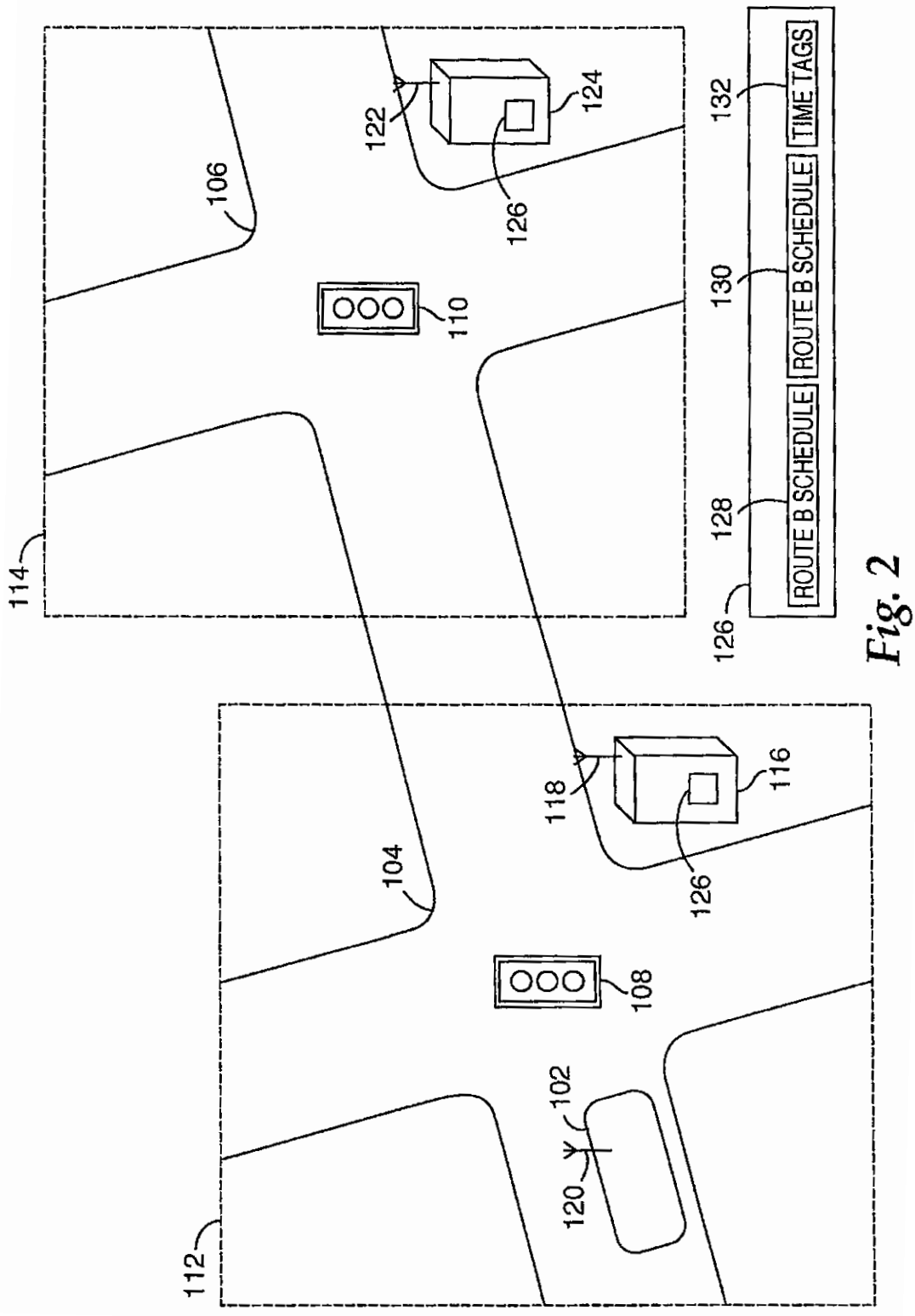

112
114
102
104
106
108
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116
118
120
122
124
126
128
130
132
ROUTE B SCHEDULE
ROUTE B SCHEDULE
TIME TAGS

Fig. 2

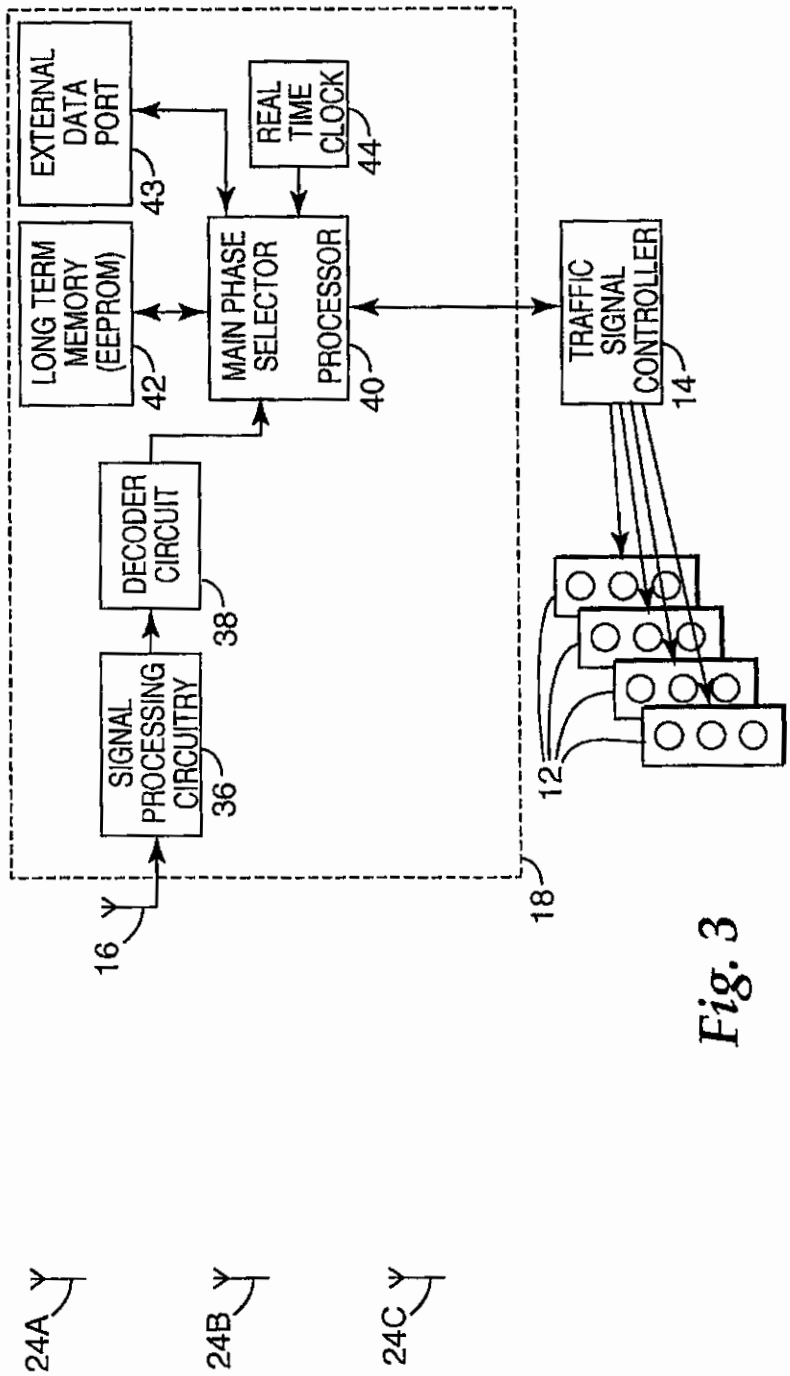

EXTERNAL DATA PORT
43
REAL TIME CLOCK
44
LONG TERM MEMORY (EEPROM)
42
MAIN PHASE SELECTOR
PROCESSOR
40
TRAFFIC SIGNAL CONTROLLER
14
DECODER CIRCUIT
38
SIGNAL PROCESSING CIRCUITRY
36
16
18
12
24A
24B
24C

Fig. 3

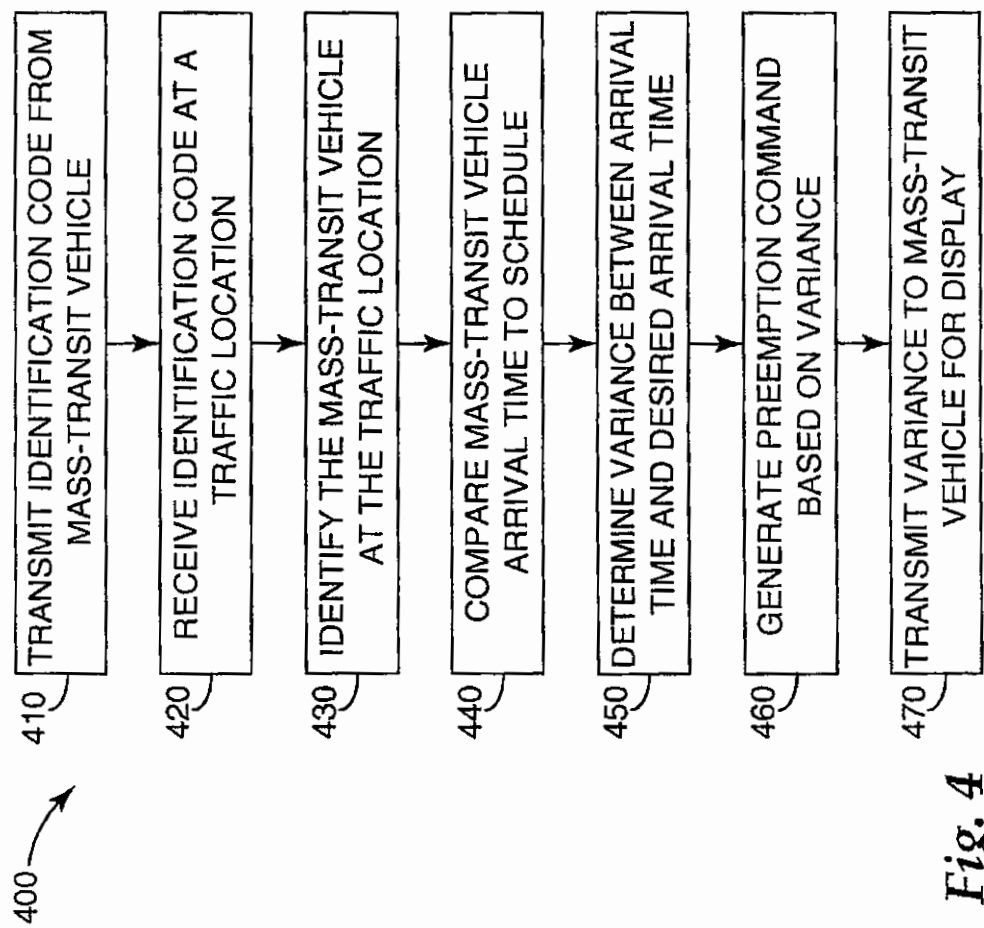

400
410
TRANSMIT IDENTIFICATION CODE FROM MASS-TRANSIT VEHICLE
420
RECEIVE IDENTIFICATION CODE AT A TRAFFIC LOCATION
430
IDENTIFY THE MASS-TRANSIT VEHICLE AT THE TRAFFIC LOCATION
440
COMPARE MASS-TRANSIT VEHICLE ARRIVAL TIME TO SCHEDULE
450
DETERMINE VARIANCE BETWEEN ARRIVAL TIME AND DESIRED ARRIVAL TIME
460
GENERATE PREEMPTION COMMAND BASED ON VARIANCE
470
TRANSMIT VARIANCE TO MASS-TRANSIT VEHICLE FOR DISPLAY

Fig. 4