FIG.1

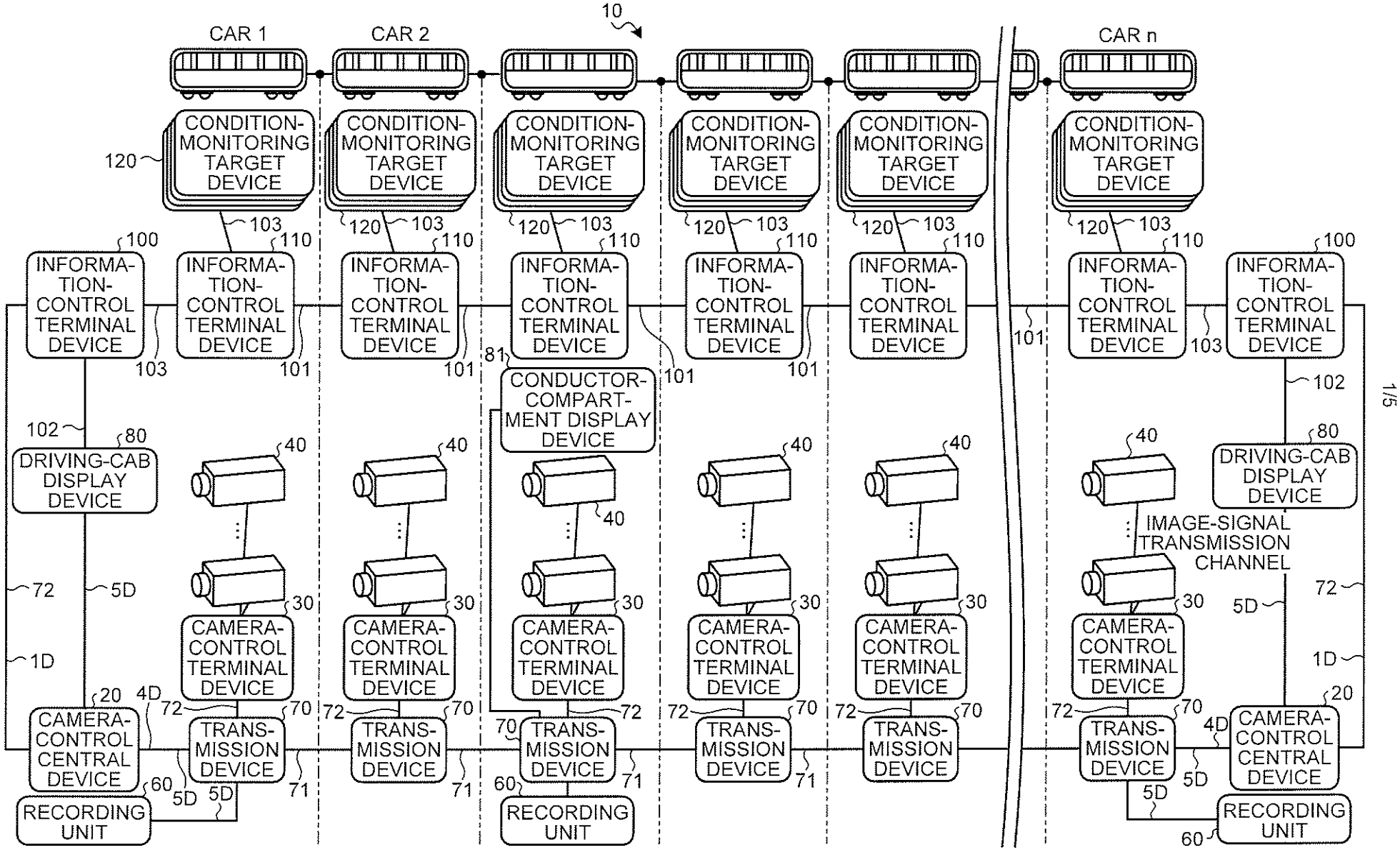

10
CAR 1
CAR 2
CAR n
CONDITION-MONITORING TARGET DEVICE
120
103
INFORMATION-CONTROL TERMINAL DEVICE
100
110
101
CONDUCTOR-COMPARTMENT DISPLAY DEVICE
81
102
DRIVING-CAB DISPLAY DEVICE
80
40
CAMERA-CONTROL TERMINAL DEVICE
30
IMAGE-SIGNAL TRANSMISSION CHANNEL
72
5D
1D
CAMERA-CONTROL CENTRAL DEVICE
20
4D
TRANSMISSION DEVICE
70
71
RECORDING UNIT
60
1/5

FIG.2

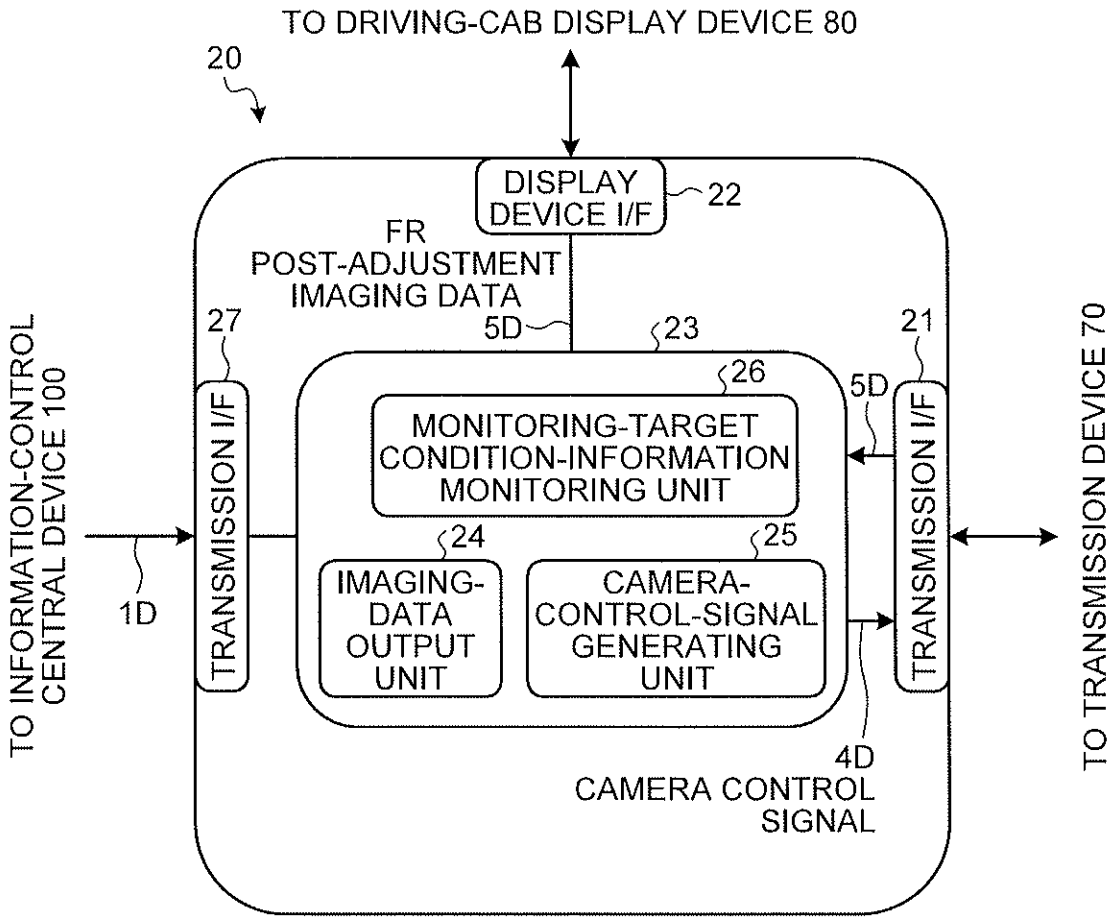

TO DRIVING-CAB DISPLAY DEVICE 80
20
DISPLAY DEVICE I/F
22
FR POST-ADJUSTMENT IMAGING DATA
5D
23
27
21
26
5D
MONITORING-TARGET CONDITION-INFORMATION MONITORING UNIT
TRANSMISSION I/F
TRANSMISSION I/F
24
25
IMAGING-DATA OUTPUT UNIT
CAMERA-CONTROL-SIGNAL GENERATING UNIT
TO INFORMATION-CONTROL CENTRAL DEVICE 100
1D
4D
CAMERA CONTROL SIGNAL
TO TRANSMISSION DEVICE 70

FIG.3

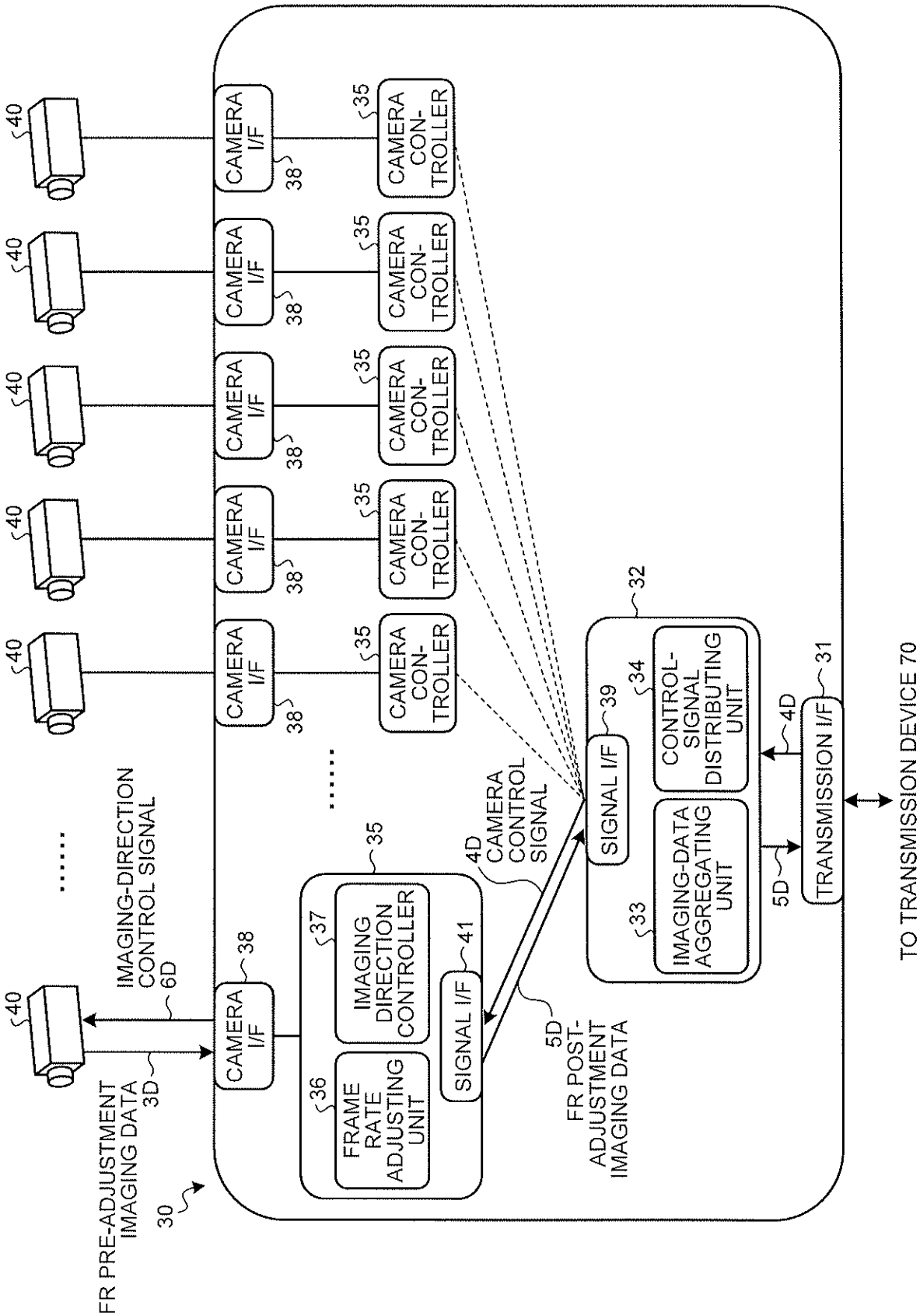

FR PRE-ADJUSTMENT IMAGING DATA
3D
IMAGING-DIRECTION CONTROL SIGNAL
6D
30
40
CAMERA I/F
38
FRAME RATE ADJUSTING UNIT
36
IMAGING DIRECTION CONTROLLER
37
SIGNAL I/F
41
35
CAMERA CON-TROLLER
4D CAMERA CONTROL SIGNAL
5D FR POST-ADJUSTMENT IMAGING DATA
32
SIGNAL I/F
39
IMAGING-DATA AGGREGATING UNIT
33
CONTROL-SIGNAL DISTRIBUTING UNIT
34
4D
5D
TRANSMISSION I/F
31
TO TRANSMISSION DEVICE 70

FIG.4

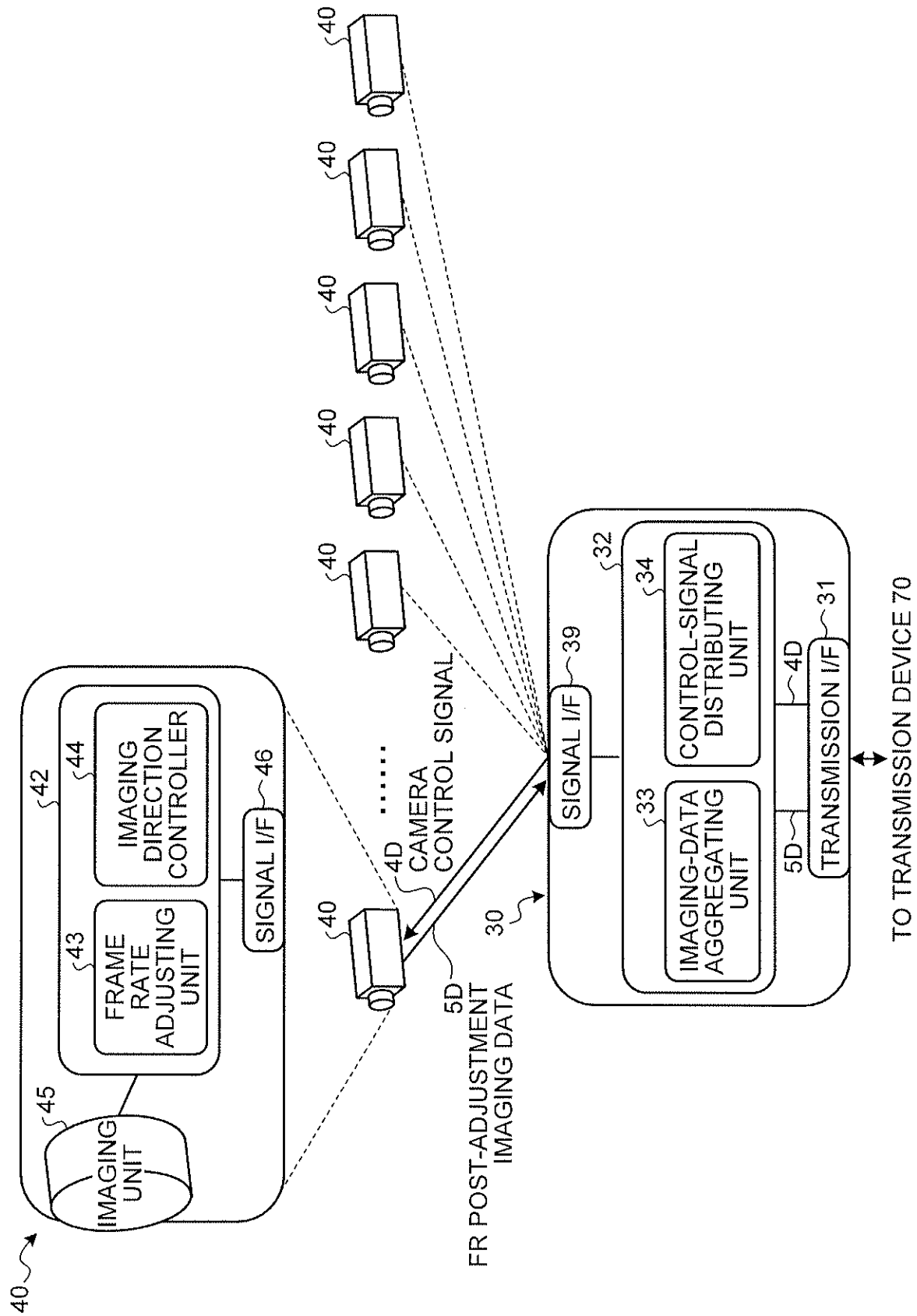

40
42
44
IMAGING DIRECTION CONTROLLER
43
FRAME RATE ADJUSTING UNIT
45
IMAGING UNIT
SIGNAL I/F
46
4D
CAMERA CONTROL SIGNAL
5D
FR POST-ADJUSTMENT IMAGING DATA
30
32
SIGNAL I/F
39
34
CONTROL-SIGNAL DISTRIBUTING UNIT
33
IMAGING-DATA AGGREGATING UNIT
5D
4D
TRANSMISSION I/F
31
TO TRANSMISSION DEVICE 70

FIG.5

50

51 CAR NUMBER	52 MONITORING TARGET	53 CAMERA NUMBER	54 IMAGING ANGLE	55 FRAME RATE	56 DISPLAY (ON/OFF)
CAR 1	AUTOMATIC VENDING MACHINE A	CAMERA 3	60°	5	
	AUTOMATIC VENDING MACHINE B	CAMERA 3	70°	15	ON
	OCEAN-SIDE DOOR	CAMERAS 4 TO 7	80°	2	
	MOUNTAIN-SIDE DOOR	CAMERAS 8 TO 11	80°	15	
	OCEAN-SIDE DOOR	CAMERAS 4 TO 7	80°	15	
	MOUNTAIN-SIDE DOOR	CAMERAS 4 TO 7	-80°	-	