FIG. 3

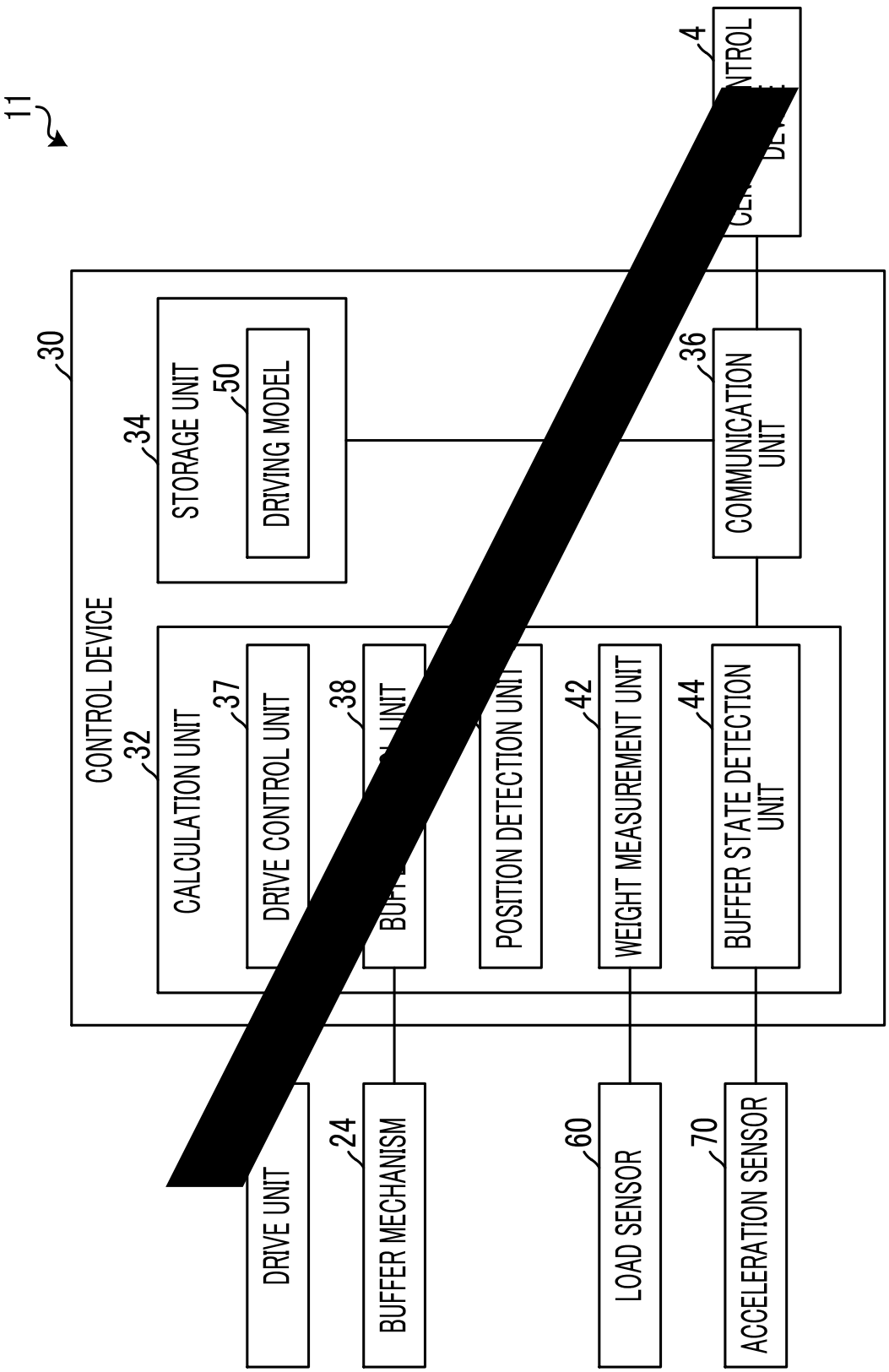
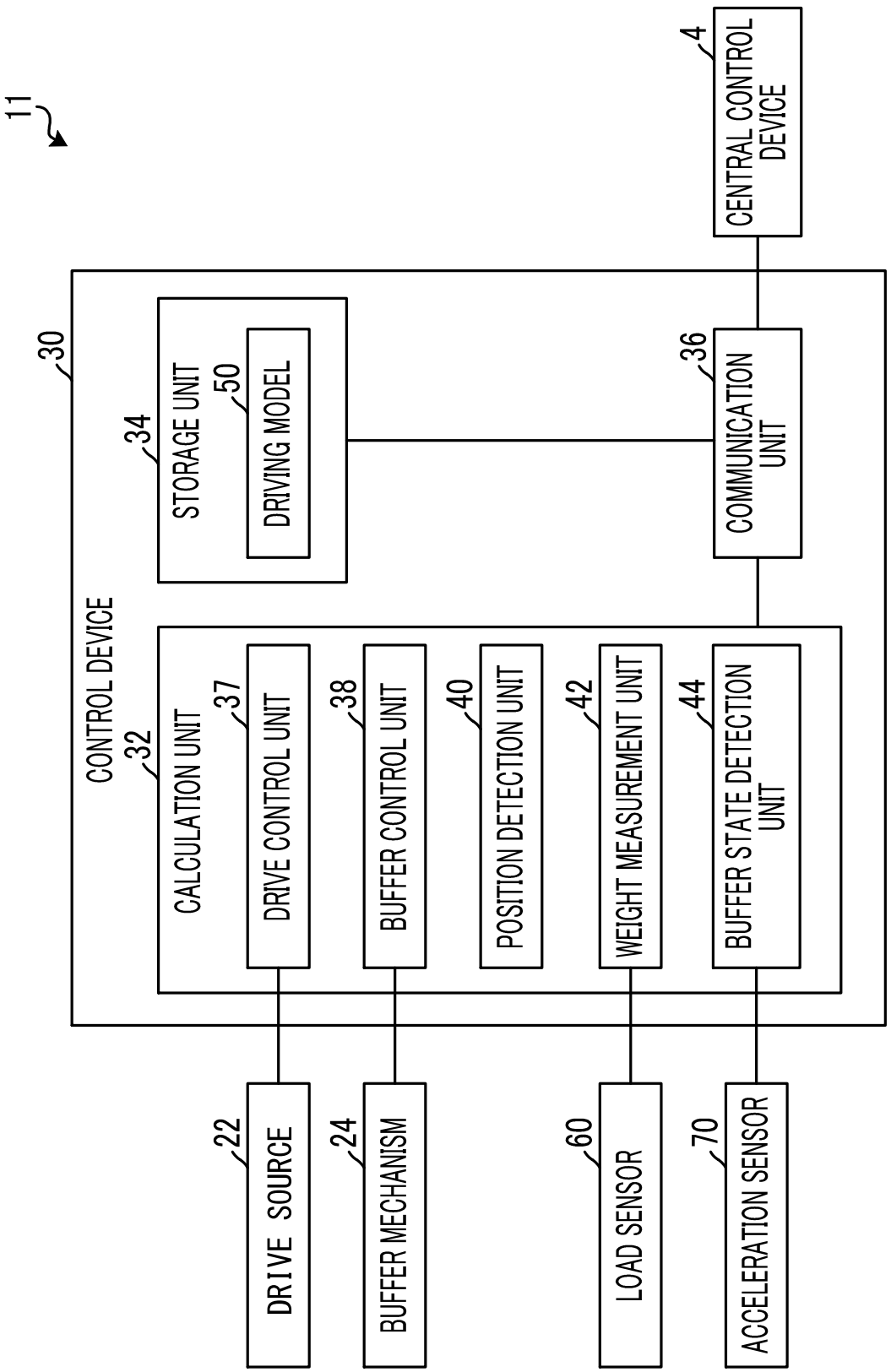

11
4
30
CONTROL DEVICE
34
STORAGE UNIT
50
DRIVING MODEL
36
COMMUNICATION UNIT
32
CALCULATION UNIT
37
DRIVE CONTROL UNIT
38
POSITION DETECTION UNIT
42
WEIGHT MEASUREMENT UNIT
44
BUFFER STATE DETECTION UNIT
DRIVE UNIT
24
BUFFER MECHANISM
60
LOAD SENSOR
70
ACCELERATION SENSOR

FIG. 3


11
4
CENTRAL CONTROL DEVICE
30
CONTROL DEVICE
34
STORAGE UNIT
50
DRIVING MODEL
36
COMMUNICATION UNIT
32
CALCULATION UNIT
37
DRIVE CONTROL UNIT
38
BUFFER CONTROL UNIT
40
POSITION DETECTION UNIT
42
WEIGHT MEASUREMENT UNIT
44
BUFFER STATE DETECTION UNIT
22
DRIVE SOURCE
24
BUFFER MECHANISM
60
LOAD SENSOR
70
ACCELERATION SENSOR