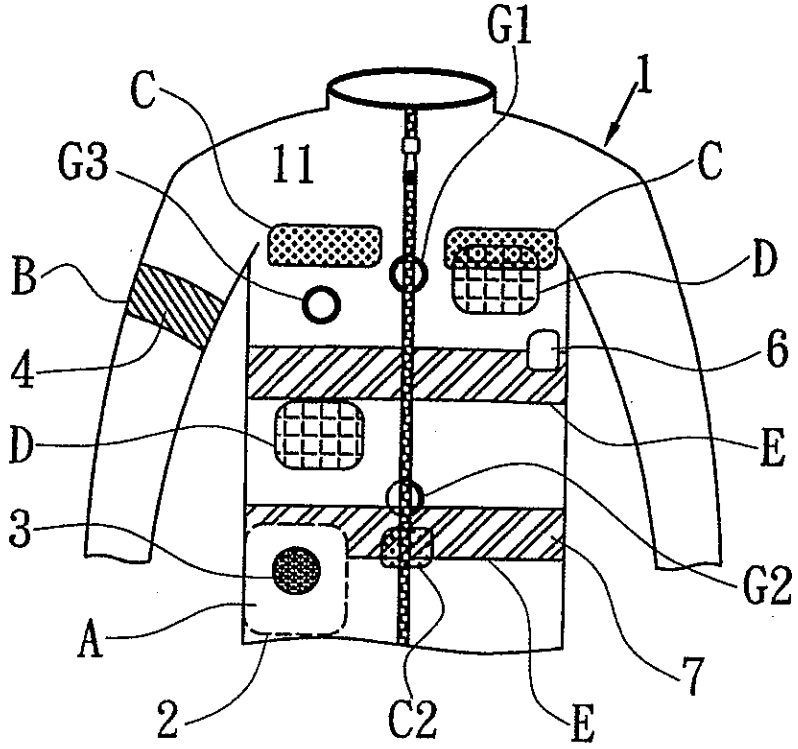


FIG.1A

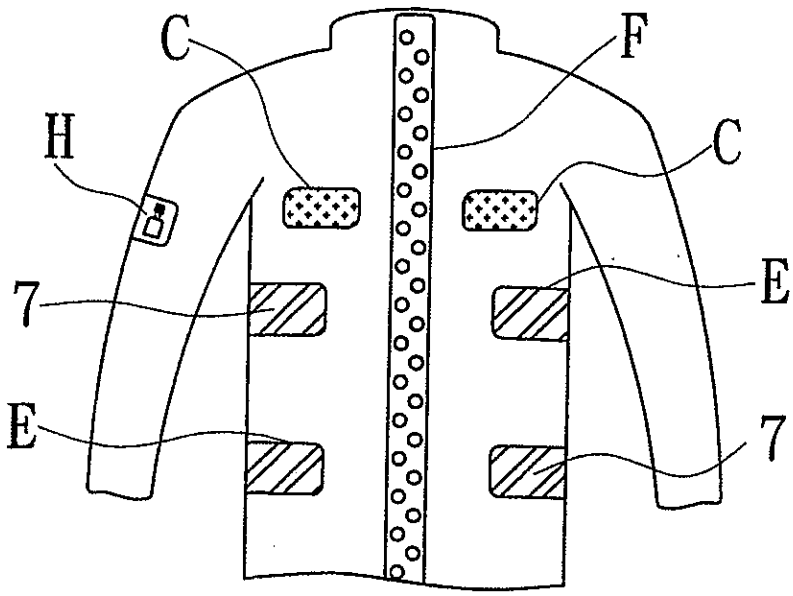


FIG.2A

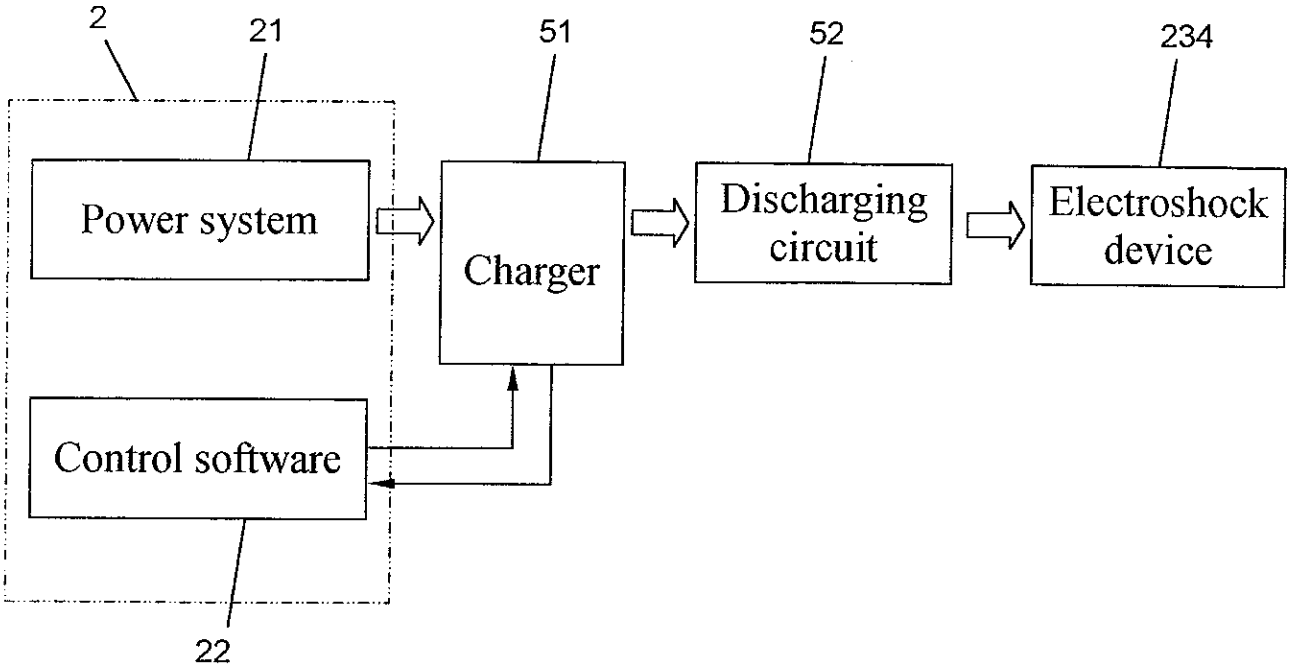

2
21
51
52
234
Power system
Charger
Discharging circuit
Electroshock device
Control software
22

FIG. 2

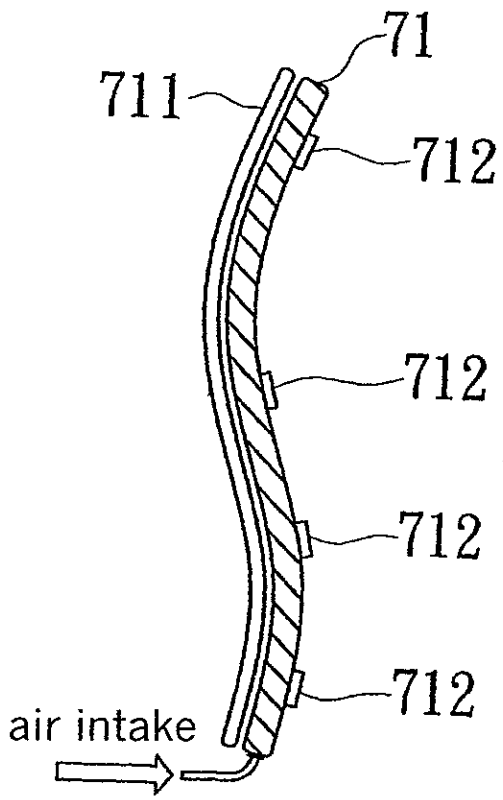

71
711
712
712
712
712
air intake

FIG.3

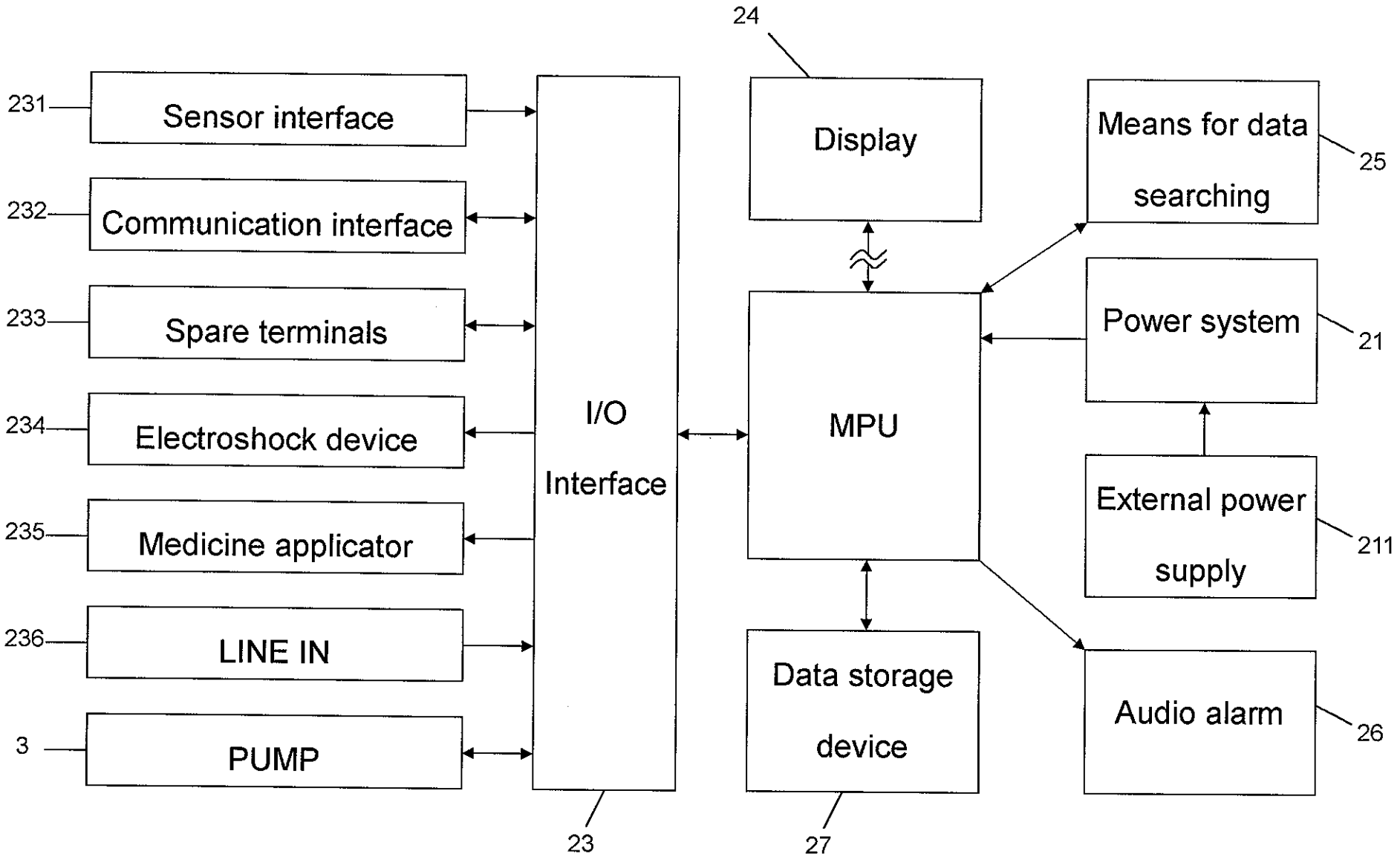

24
231
Sensor interface
232
Communication interface
233
Spare terminals
234
Electroshock device
235
Medicine applicator
236
LINE IN
3
PUMP
I/O
Interface
23
Display
MPU
Data storage
device
27
Means for data
searching
25
Power system
21
External power
supply
211
Audio alarm
26

FIG. 4

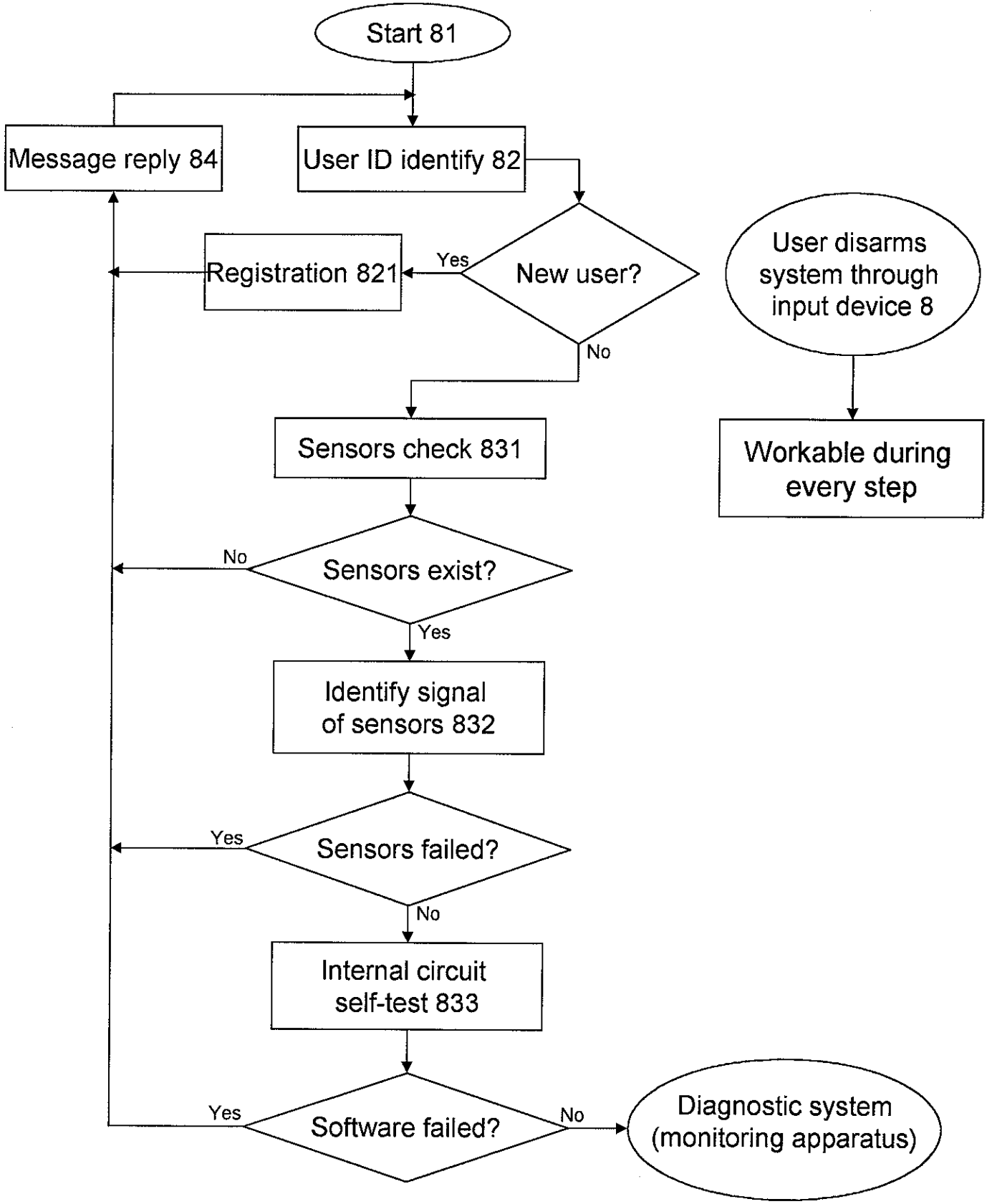

Start 81
Message reply 84
User ID identify 82
Registration 821
Yes
New user?
No
User disarms system through input device 8
Workable during every step
Sensors check 831
No
Sensors exist?
Yes
Identify signal of sensors 832
Yes
Sensors failed?
No
Internal circuit self-test 833
Yes
Software failed?
No
Diagnostic system (monitoring apparatus)

FIG. 5A

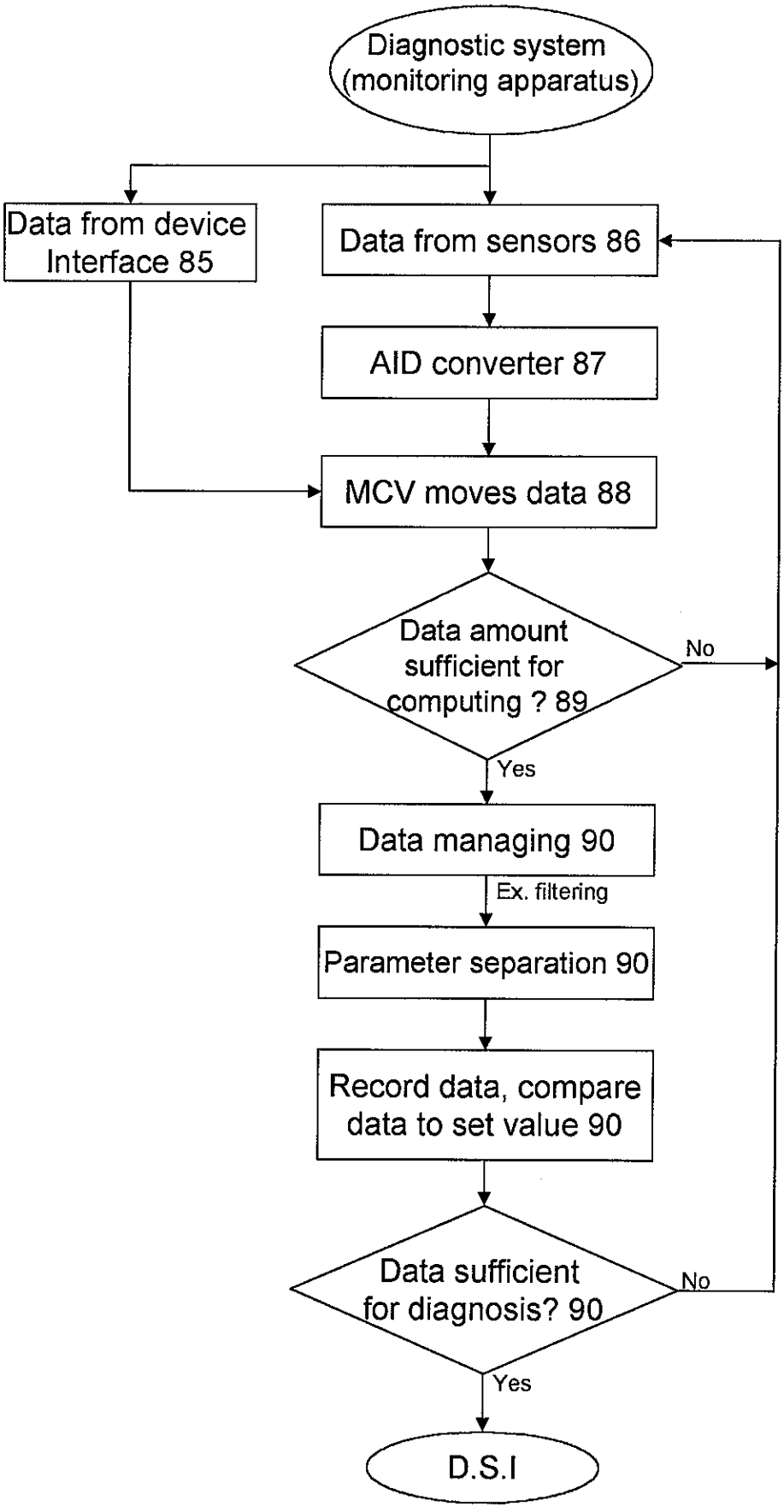

Diagnostic system (monitoring apparatus)
Data from device Interface 85
Data from sensors 86
AID converter 87
MCV moves data 88
Data amount sufficient for computing ? 89
No
Yes
Data managing 90
Ex. filtering
Parameter separation 90
Record data, compare data to set value 90
Data sufficient for diagnosis? 90
No
Yes
D.S.I

FIG. 5B

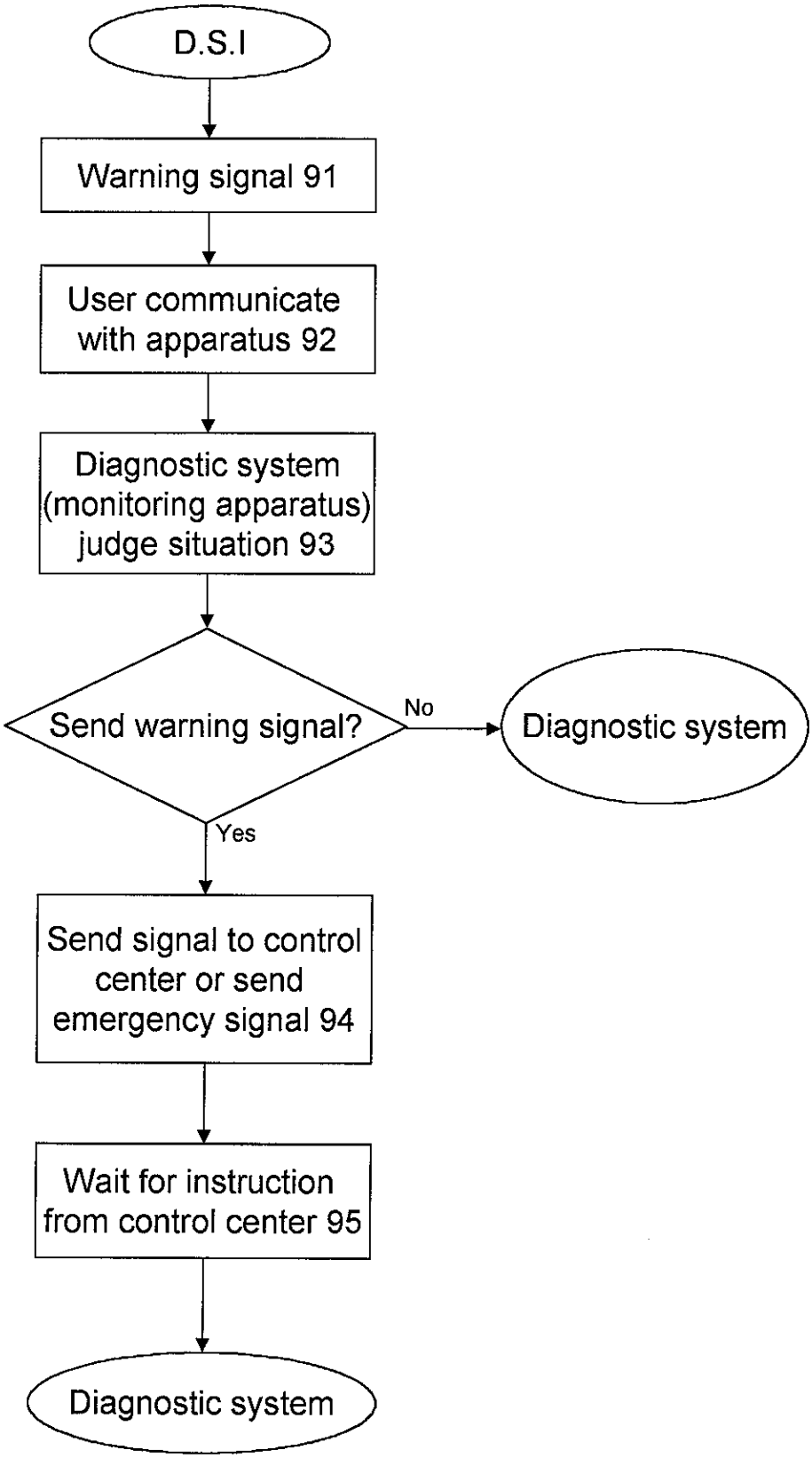

D.S.I
Warning signal 91
User communicate with apparatus 92
Diagnostic system (monitoring apparatus) judge situation 93
Send warning signal?
No
Diagnostic system
Yes
Send signal to control center or send emergency signal 94
Wait for instruction from control center 95
Diagnostic system

FIG. 5C