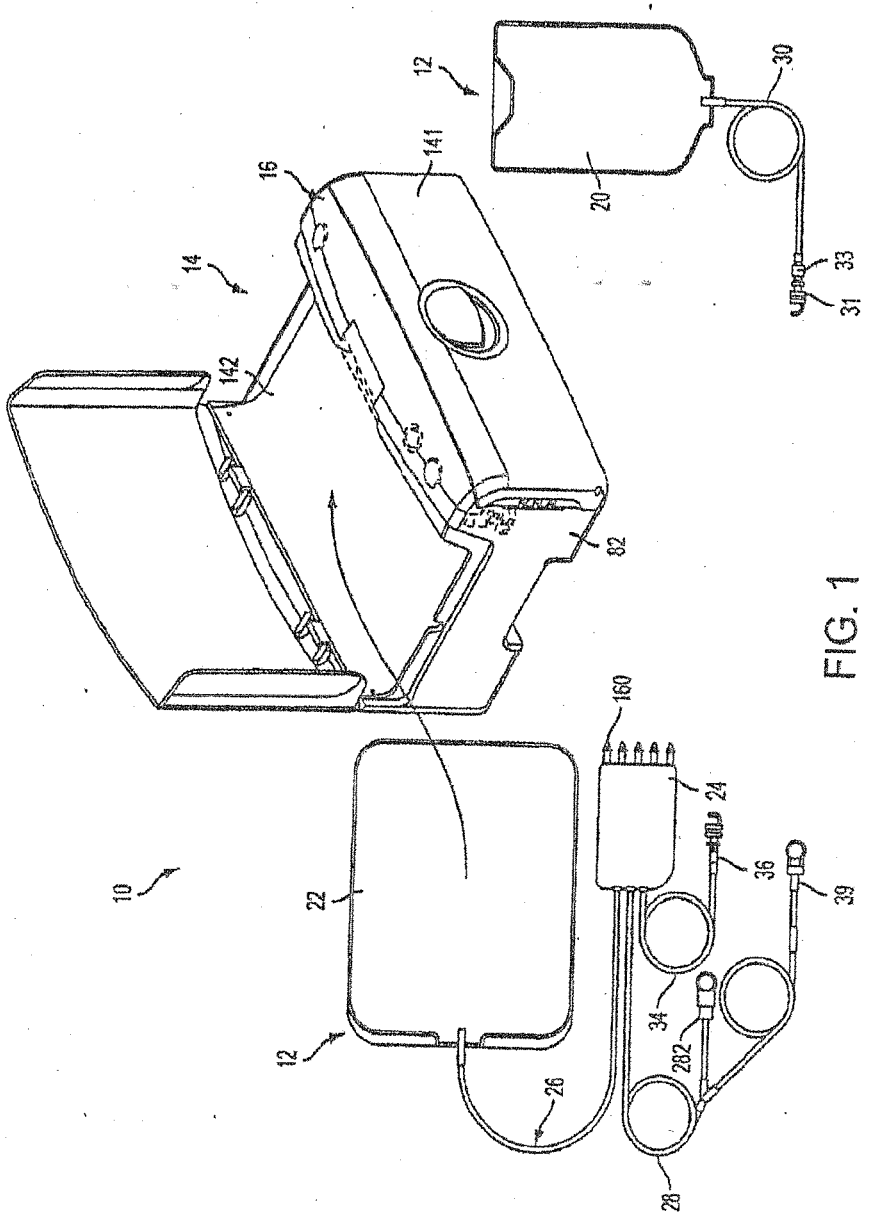


FIG. 1

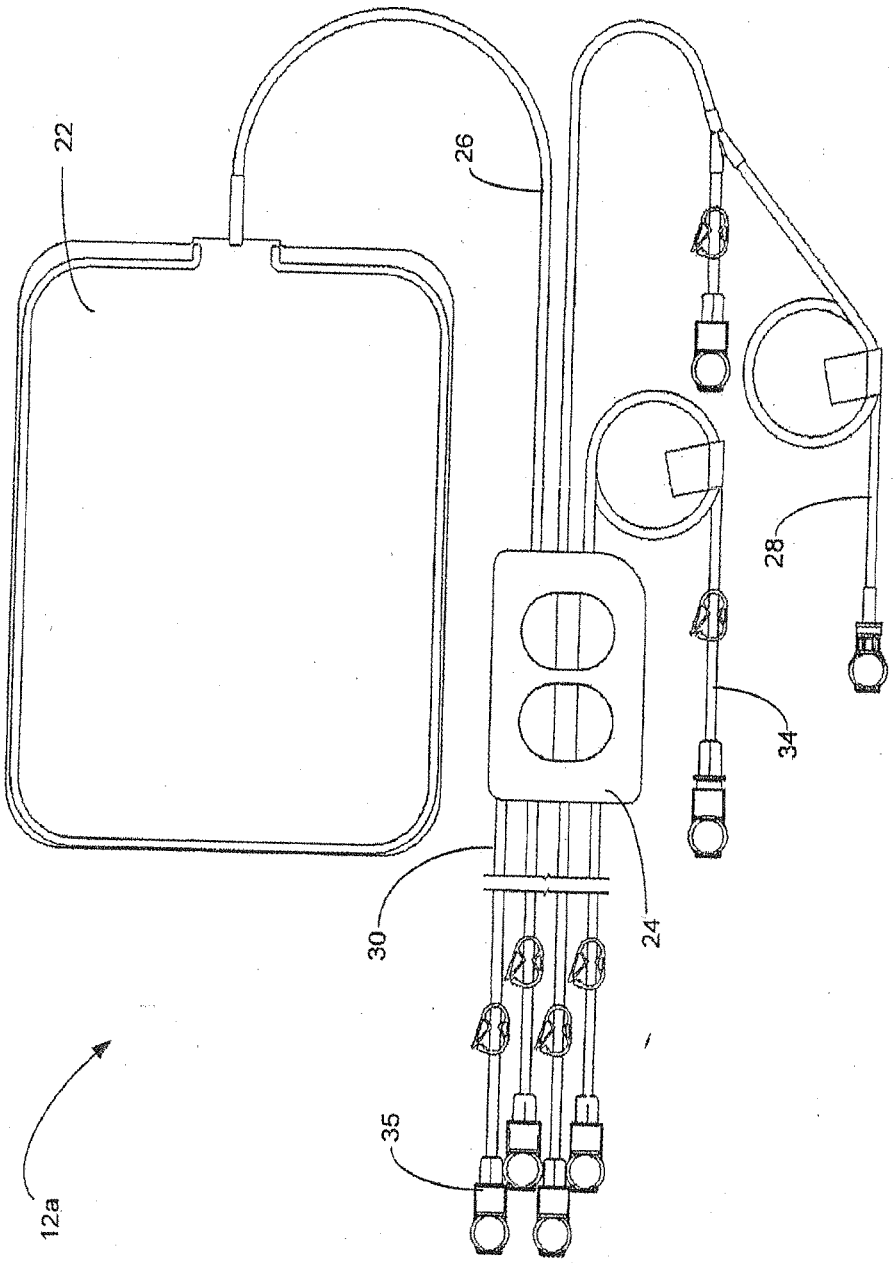


FIG. 1A

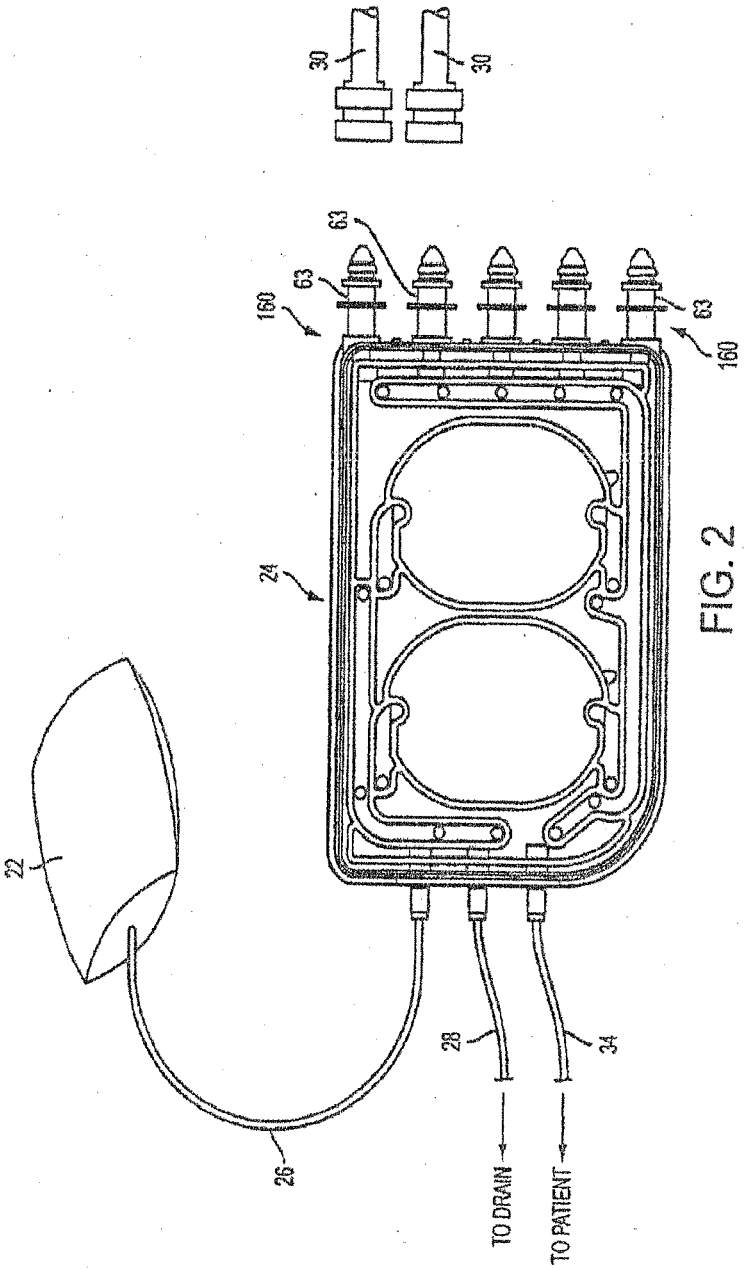


FIG. 2

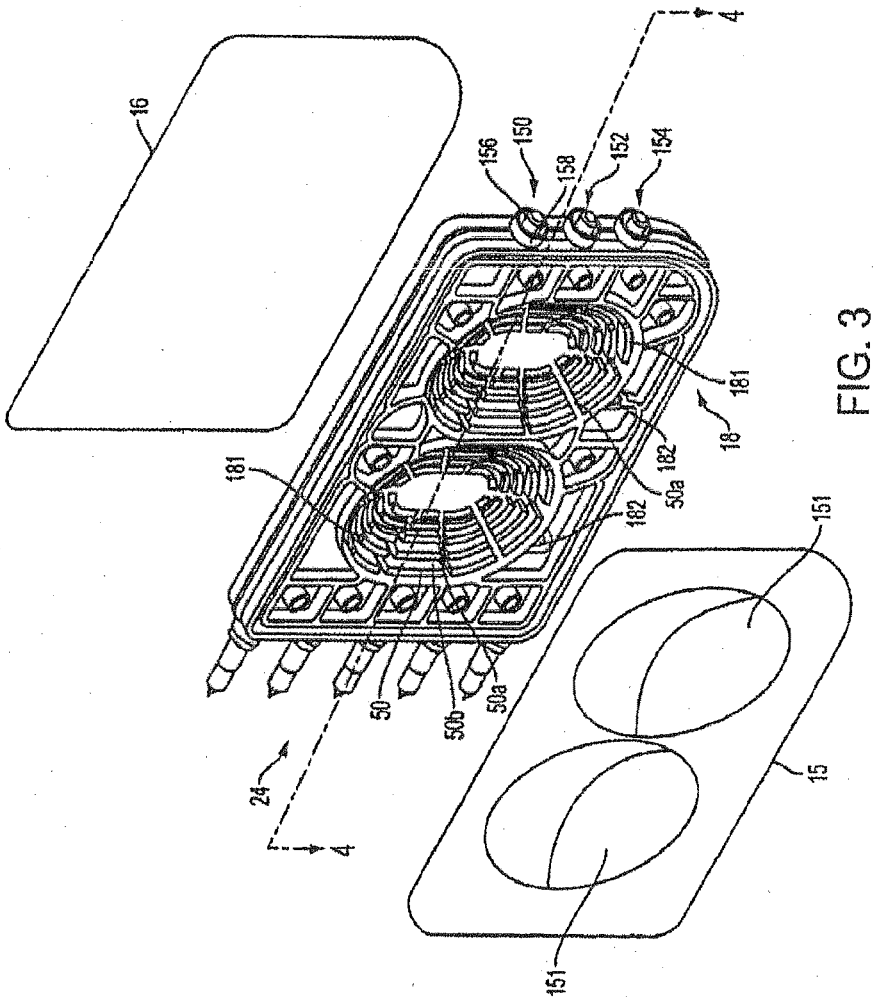

16
156
150
158
152
154
4
181
18
182
50a
181
182
151
50
50b
50a
24
4
15
151

FIG. 3

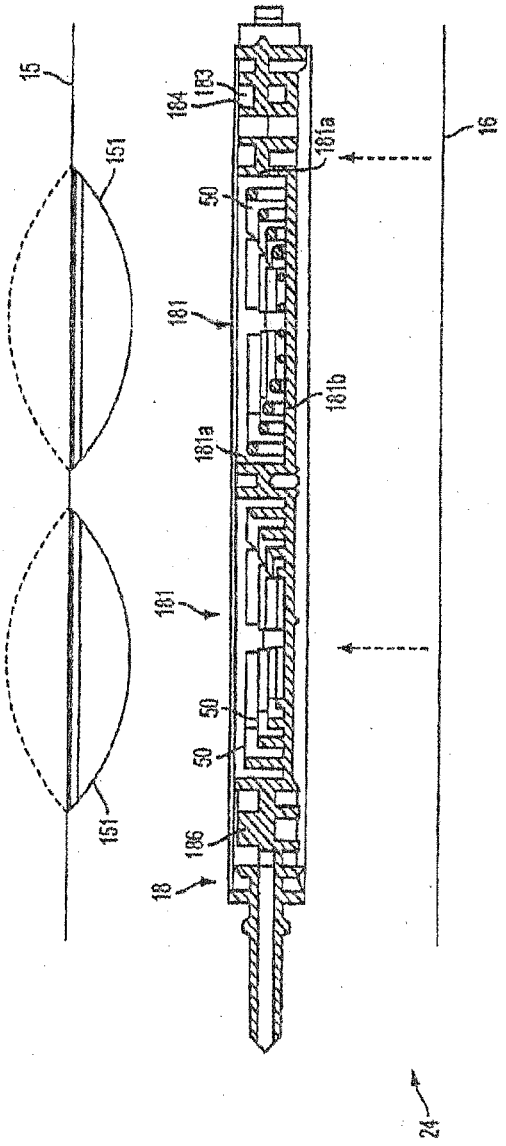


FIG. 4

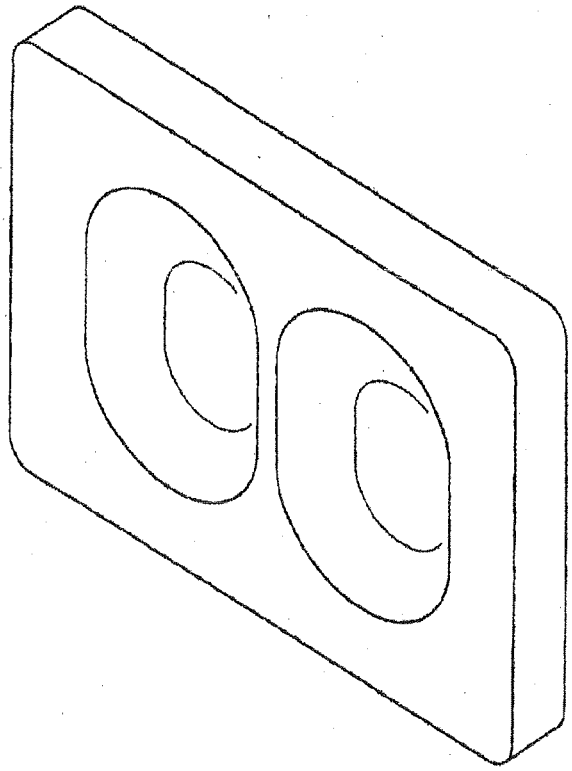


FIG. 5

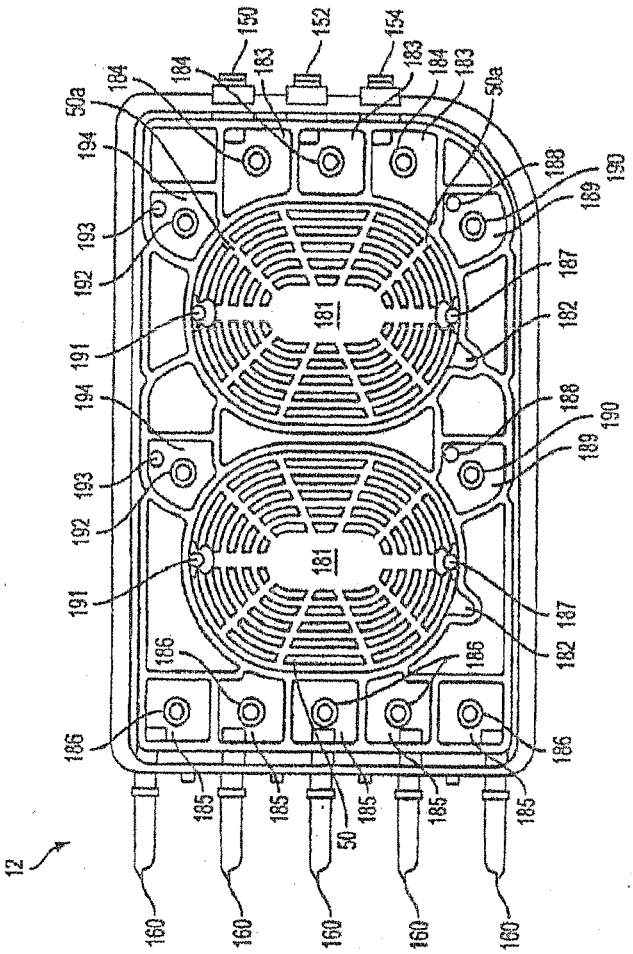

12
150
152
154
183
184
163
50a
194
193
192
191
181
188
189
190
187
182
186
185
50
160

FIG. 6

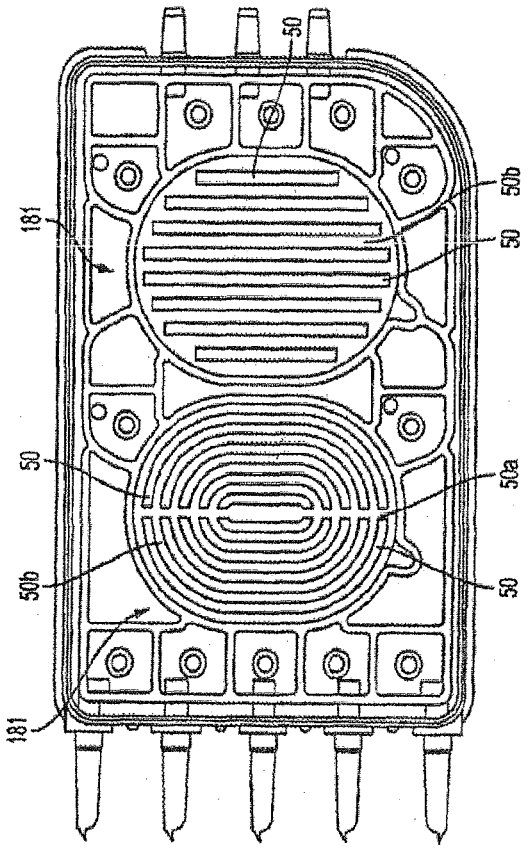


FIG. 7

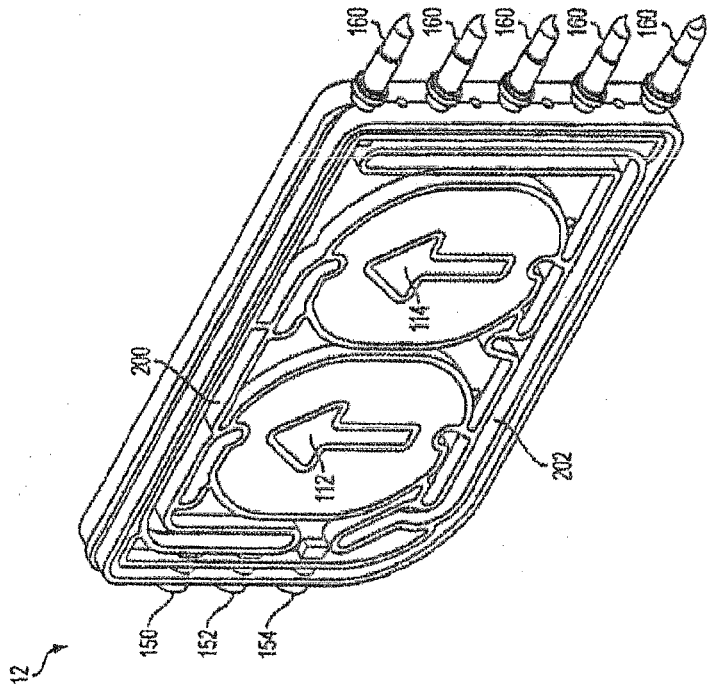


FIG. 8

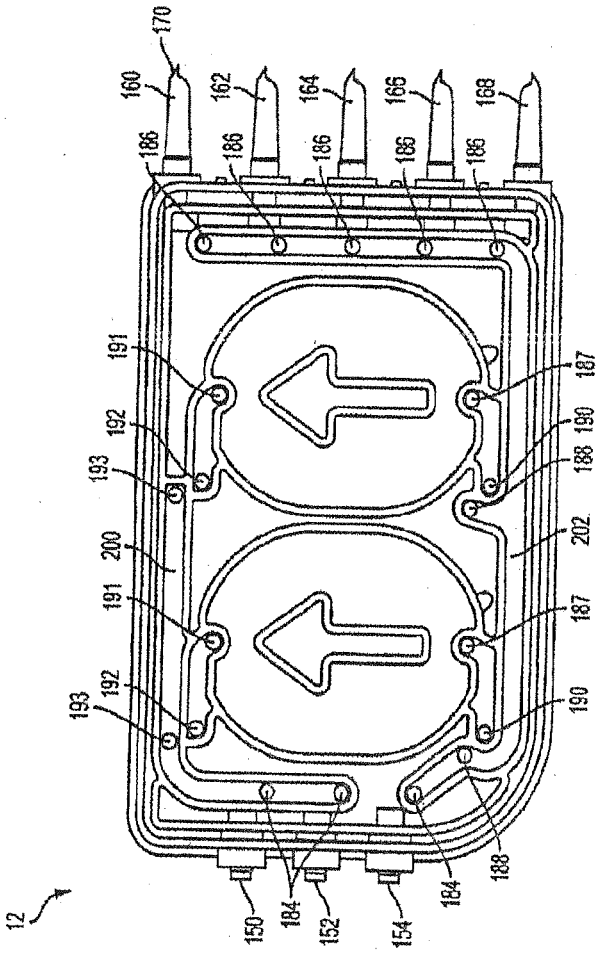

170
160
162
164
166
168
186
191
192
193
200
187
190
188
202
12
150
184
152
154

FIG. 9

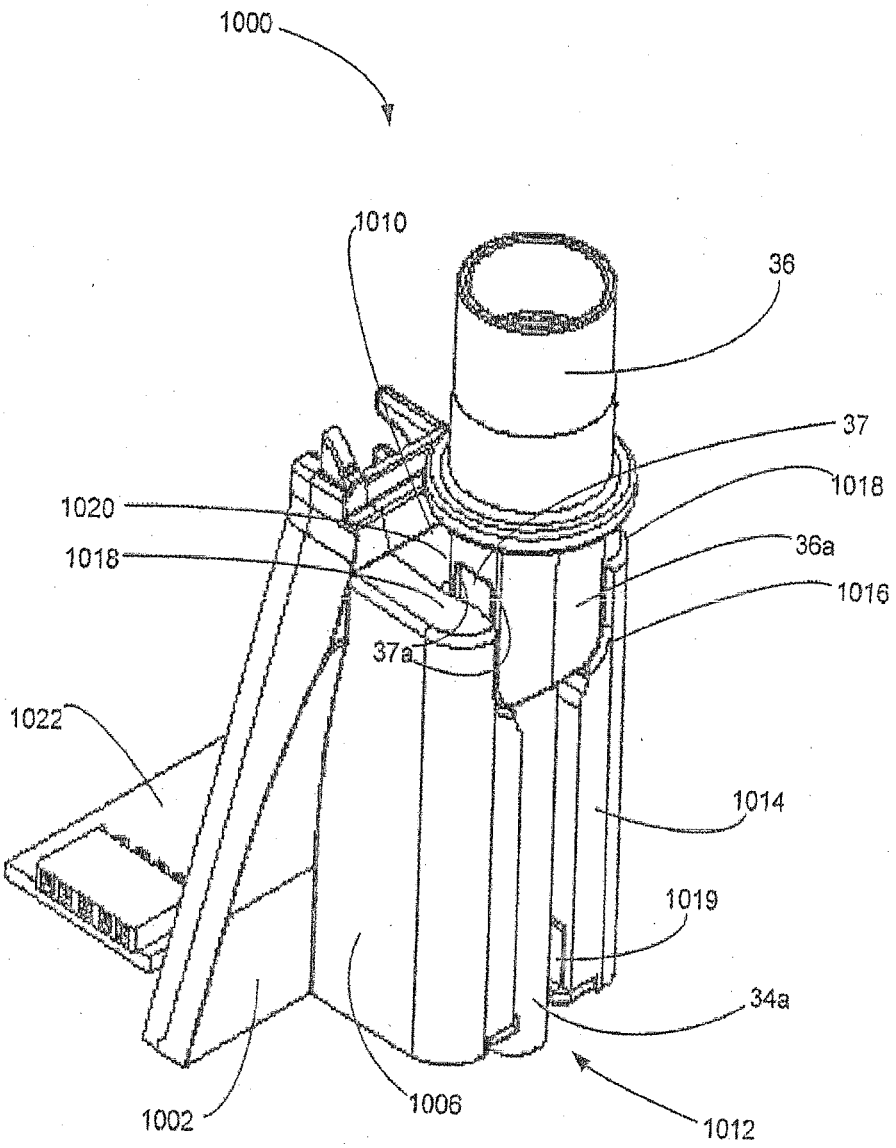

1000
1010
36
37
1018
1020
1018
36a
1016
37a
1022
1014
1019
34a
1002
1006
1012

FIG. 9-1A

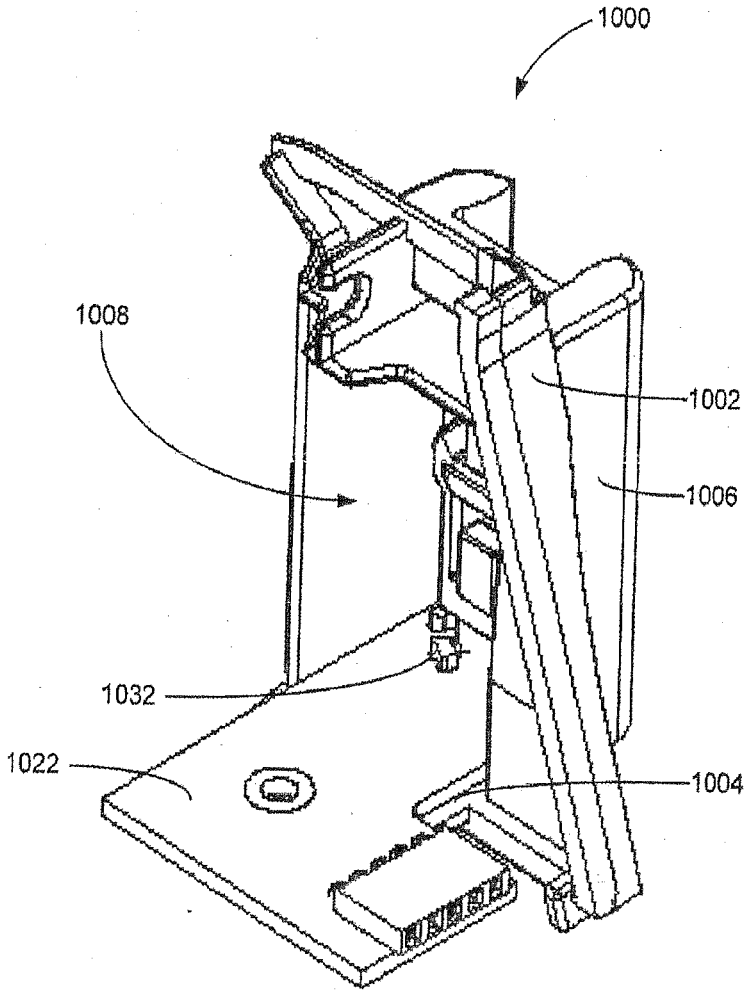


FIG. 9-1B

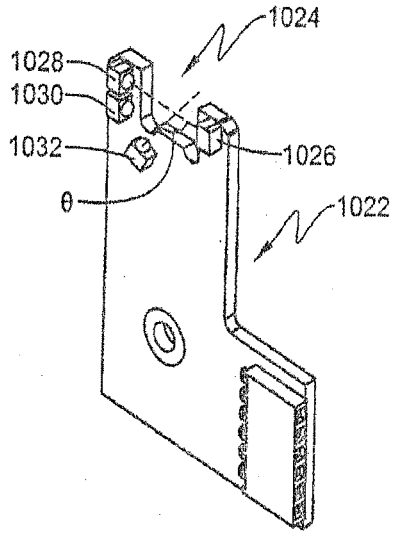

1024
1028
1030
1032
θ
1026
1022

FIG. 9-2

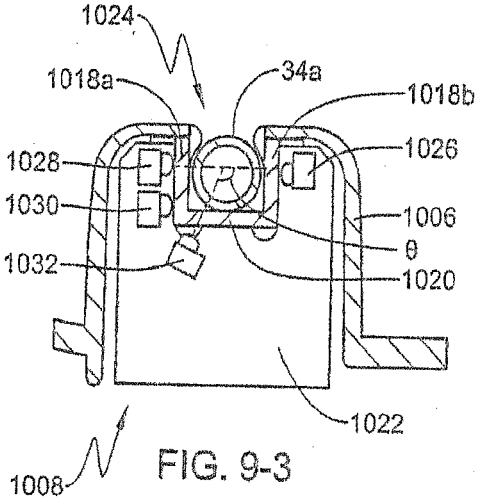

1024
1018a
34a
1018b
1028
1026
1030
1006
θ
1032
1020
1022
1008

FIG. 9-3

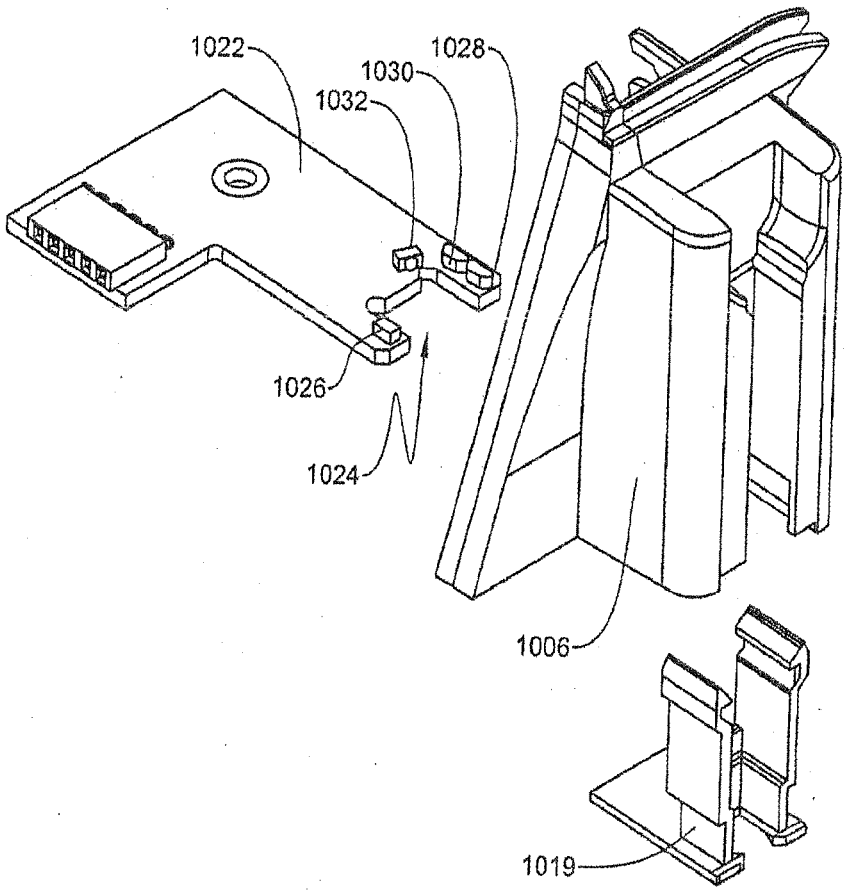


FIG. 9-4

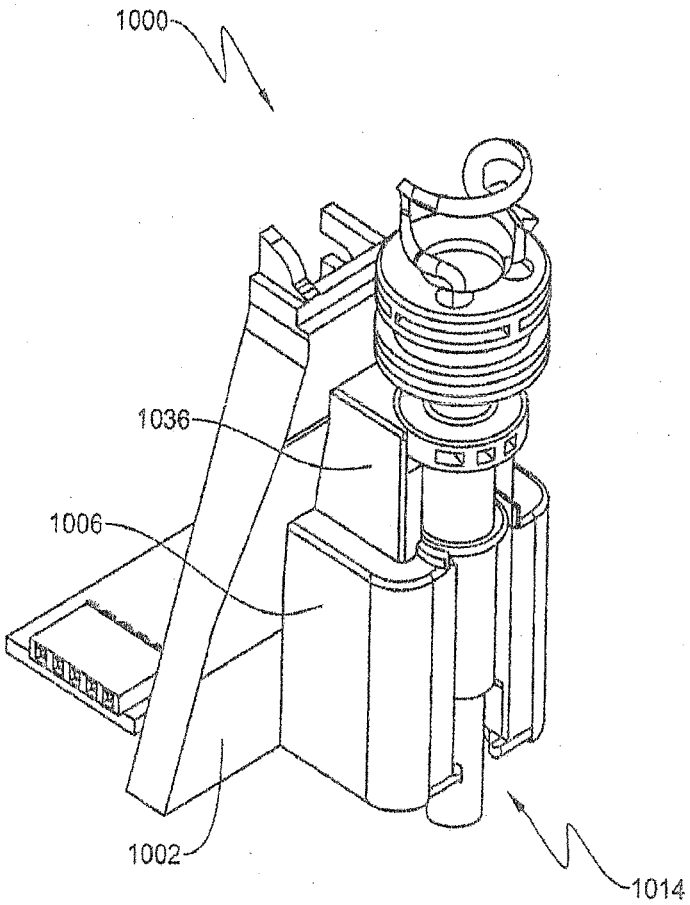


FIG. 9-5

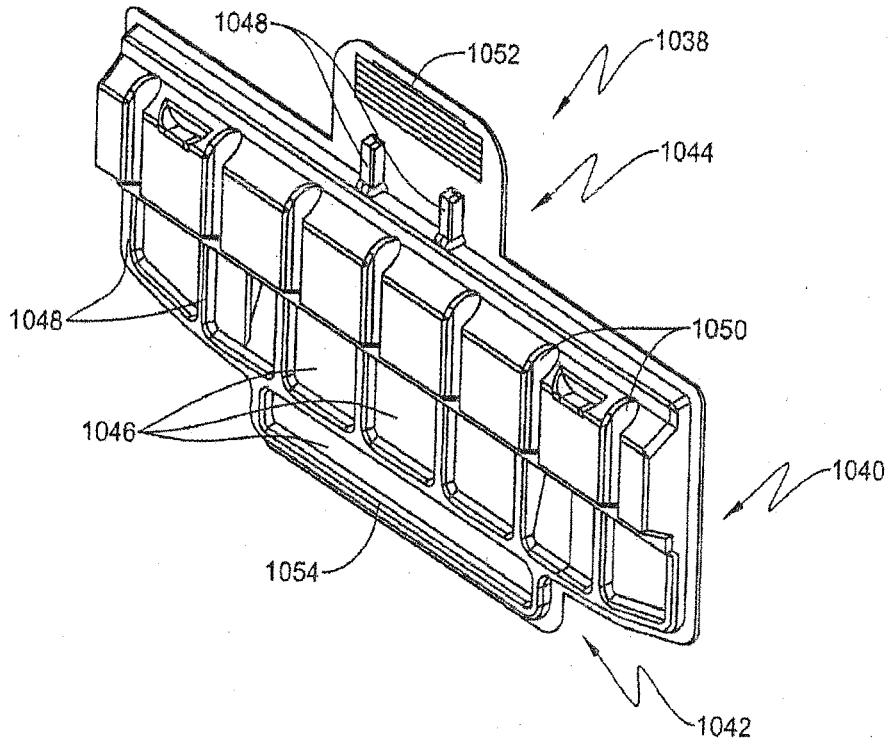


FIG. 9-6

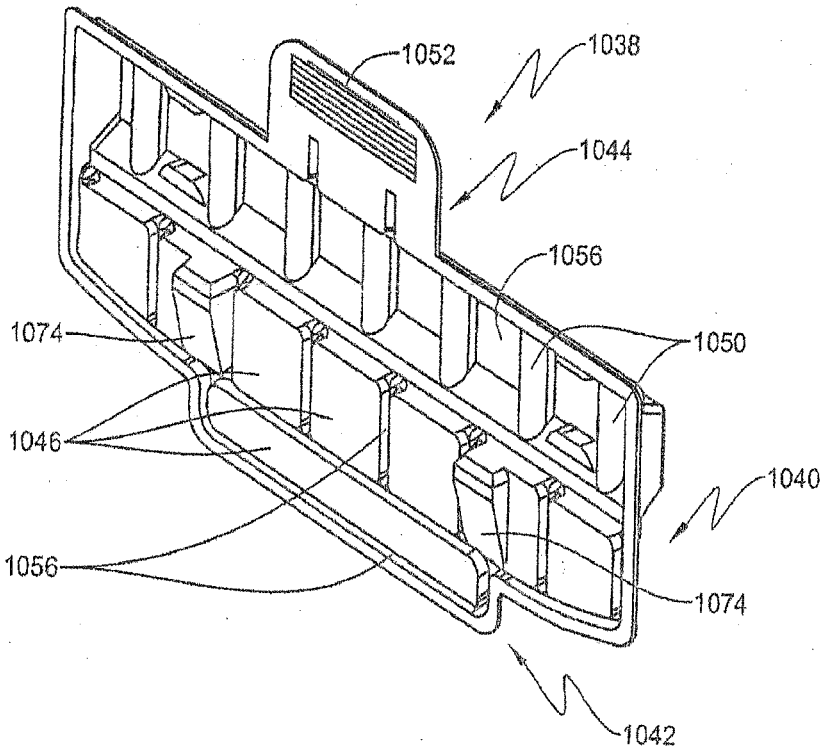


FIG. 9-7

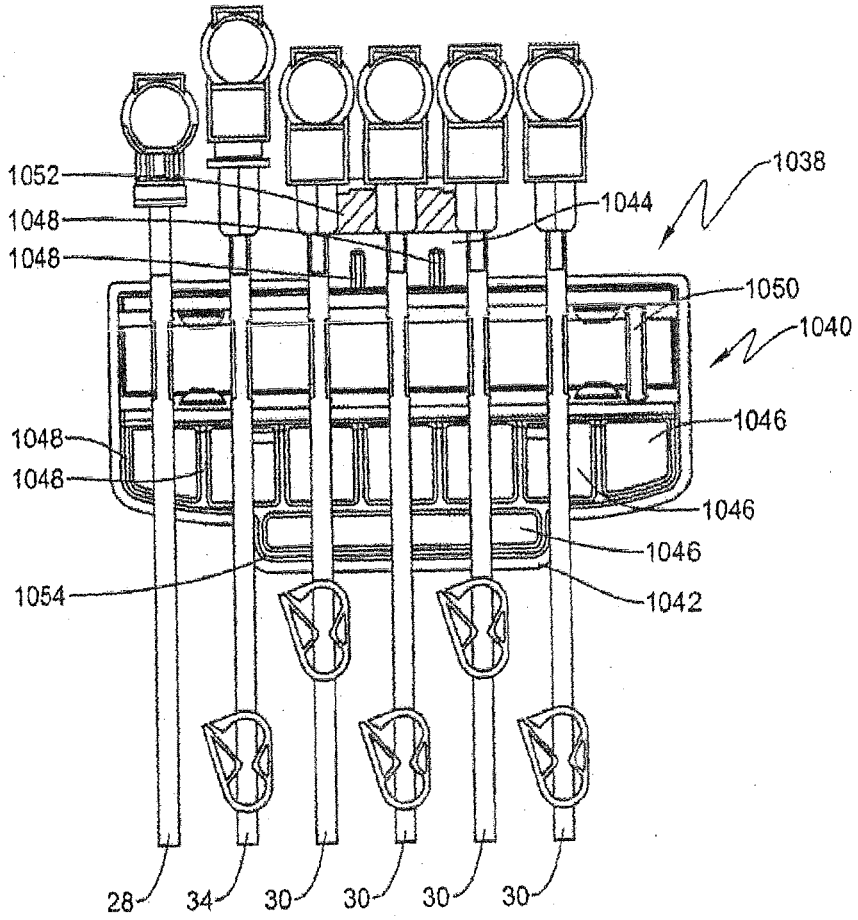

1052
1048
1048
1048
1048
1054
1038
1044
1050
1040
1046
1046
1046
1042
28
34
30
30
30
30

FIG. 9-8

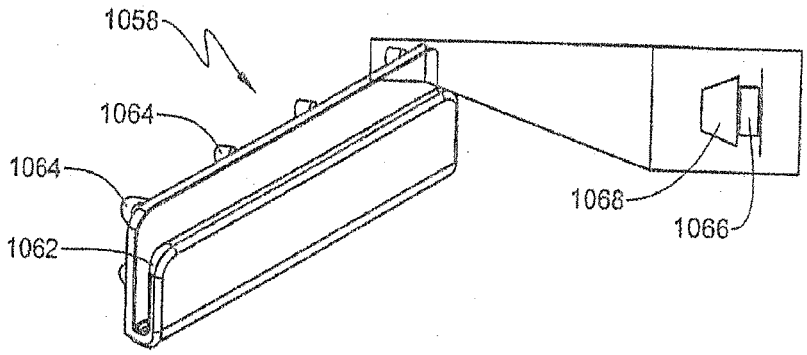


FIG. 9-9

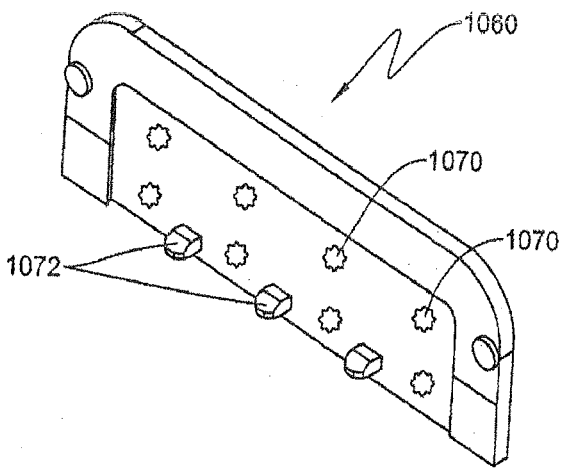


FIG. 9-10

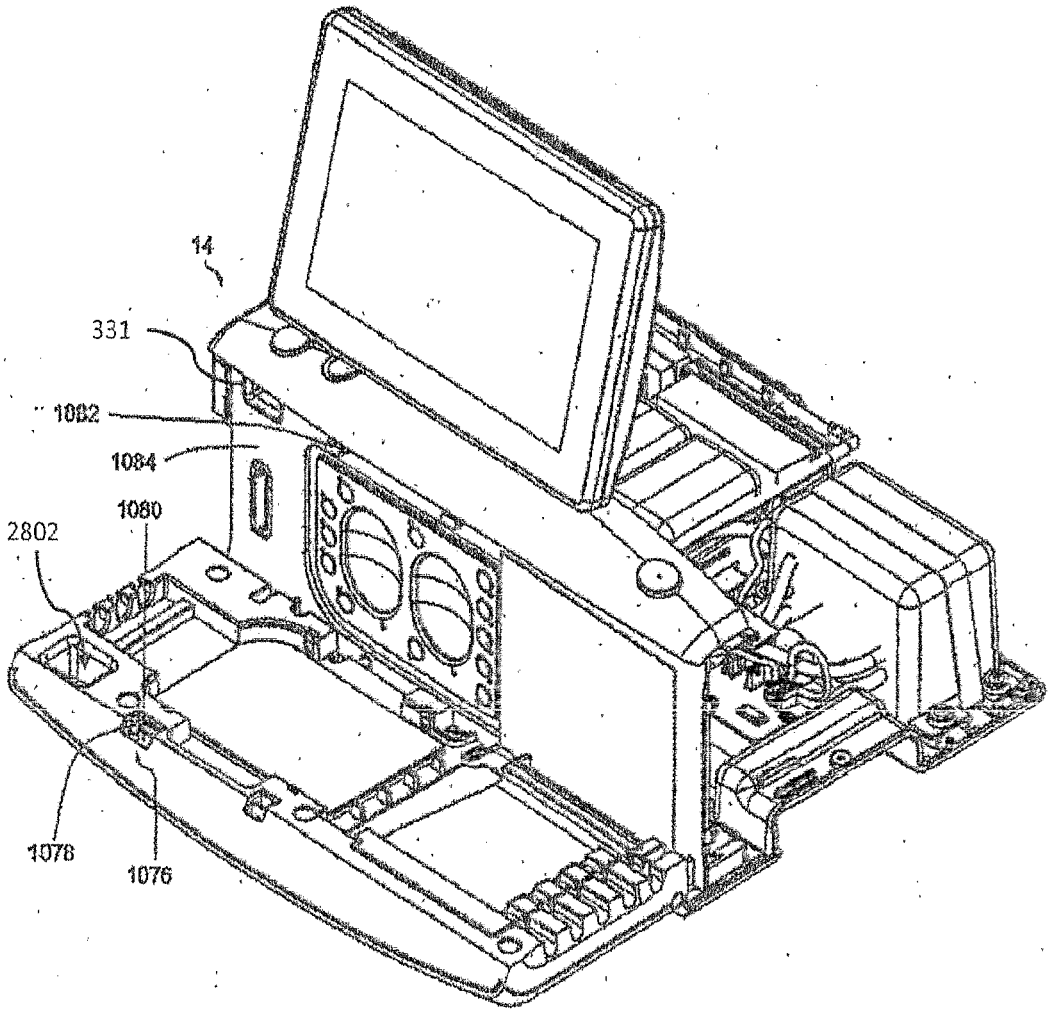


FIG. 9-11

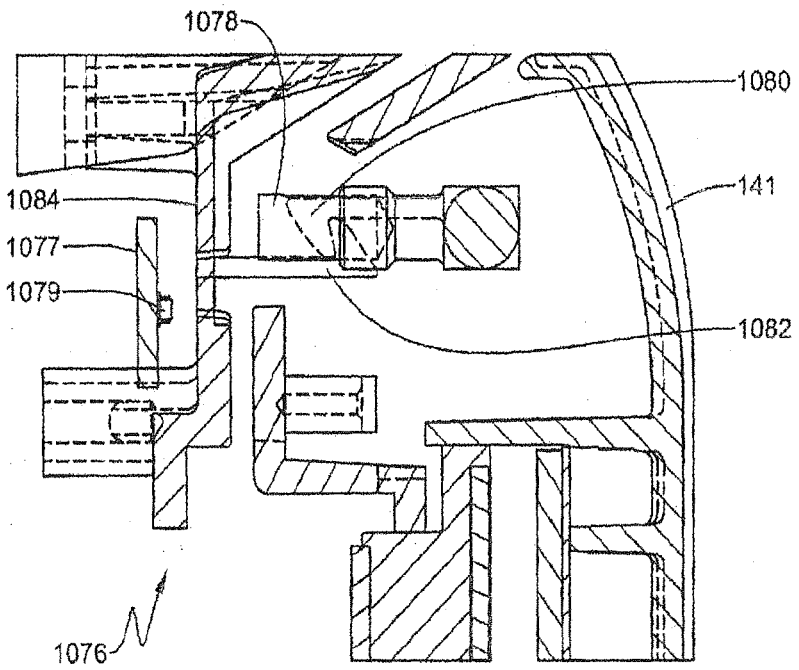


FIG. 9-11a

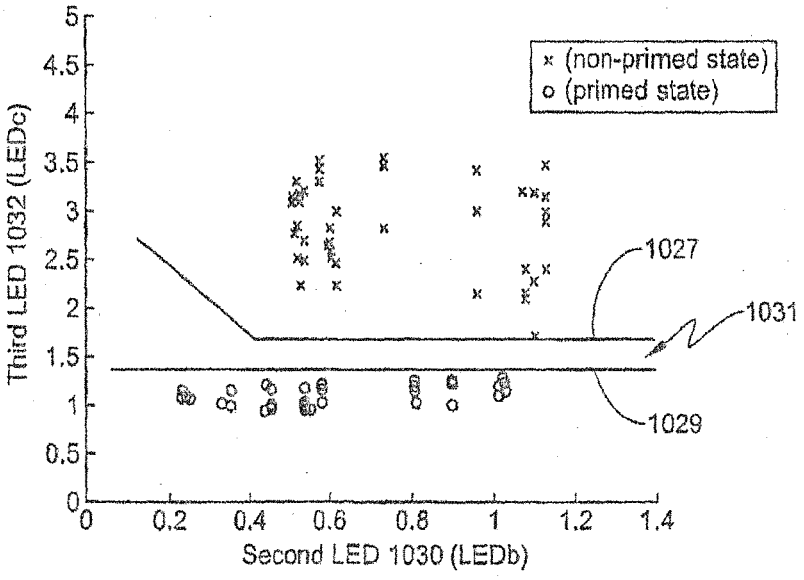

× (non-primed state)
o (primed state)
1027
1031
1029
Third LED 1032 (LEDc)
Second LED 1030 (LEDb)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
0.2
0.4
0.6
0.8
1
1.2
1.4

FIG. 9-12

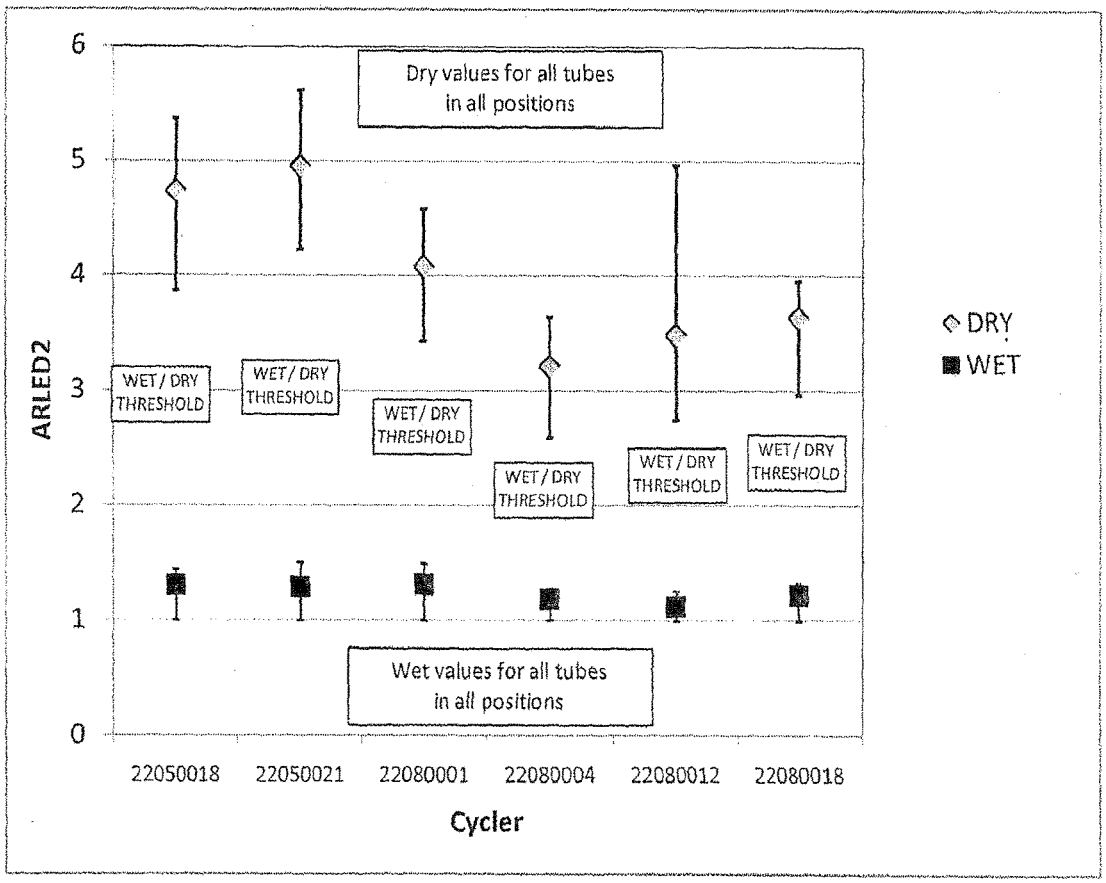

6
5
4
3
2
1
0
ARLED2
Dry values for all tubes in all positions
WET/ DRY THRESHOLD
WET/ DRY THRESHOLD
WET/ DRY THRESHOLD
WET/ DRY THRESHOLD
WET/ DRY THRESHOLD
WET/ DRY THRESHOLD
Wet values for all tubes in all positions
DRY
WET
22050018
22050021
22080001
22080004
22080012
22080018
Cycler

FIG. 9-12A

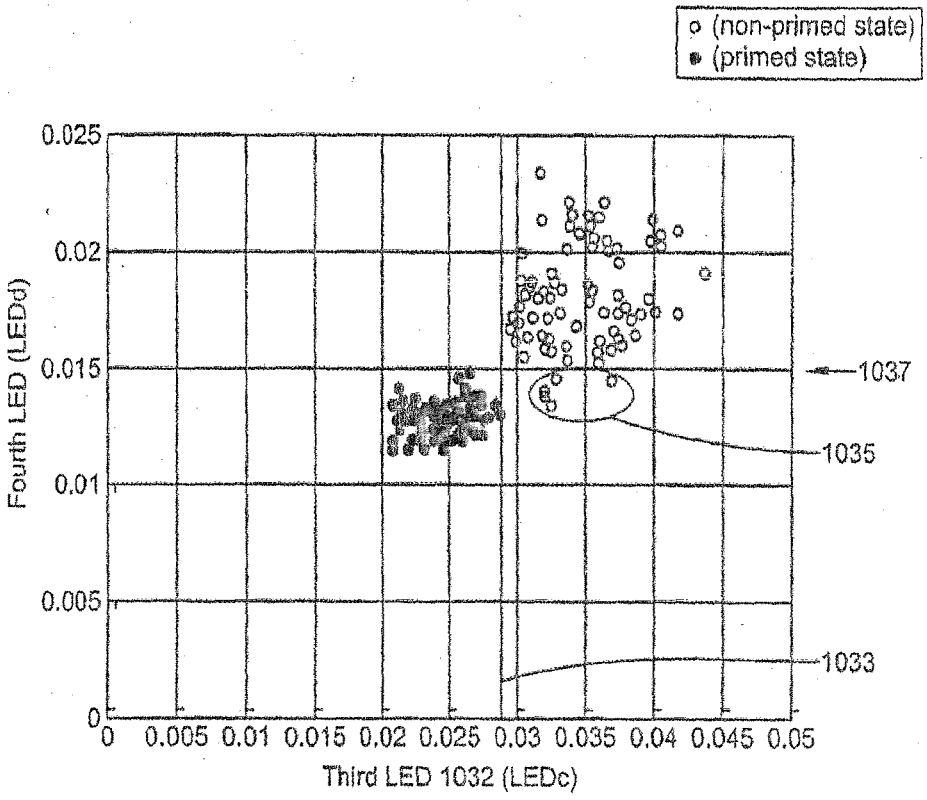

(non-primed state)
(primed state)
0.025
0.02
0.015
0.01
0.005
0
Fourth LED (LEDd)
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05
Third LED 1032 (LEDc)
1037
1035
1033

FIG. 9-13

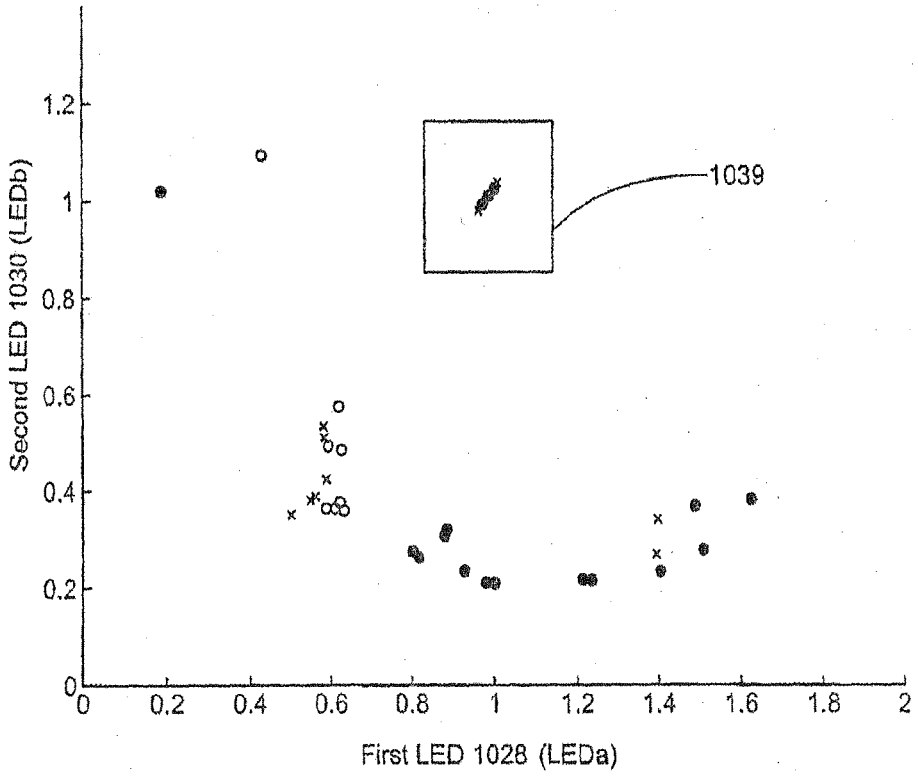

1039
Second LED 1030 (LEDb)
First LED 1028 (LEDa)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

FIG. 9-14

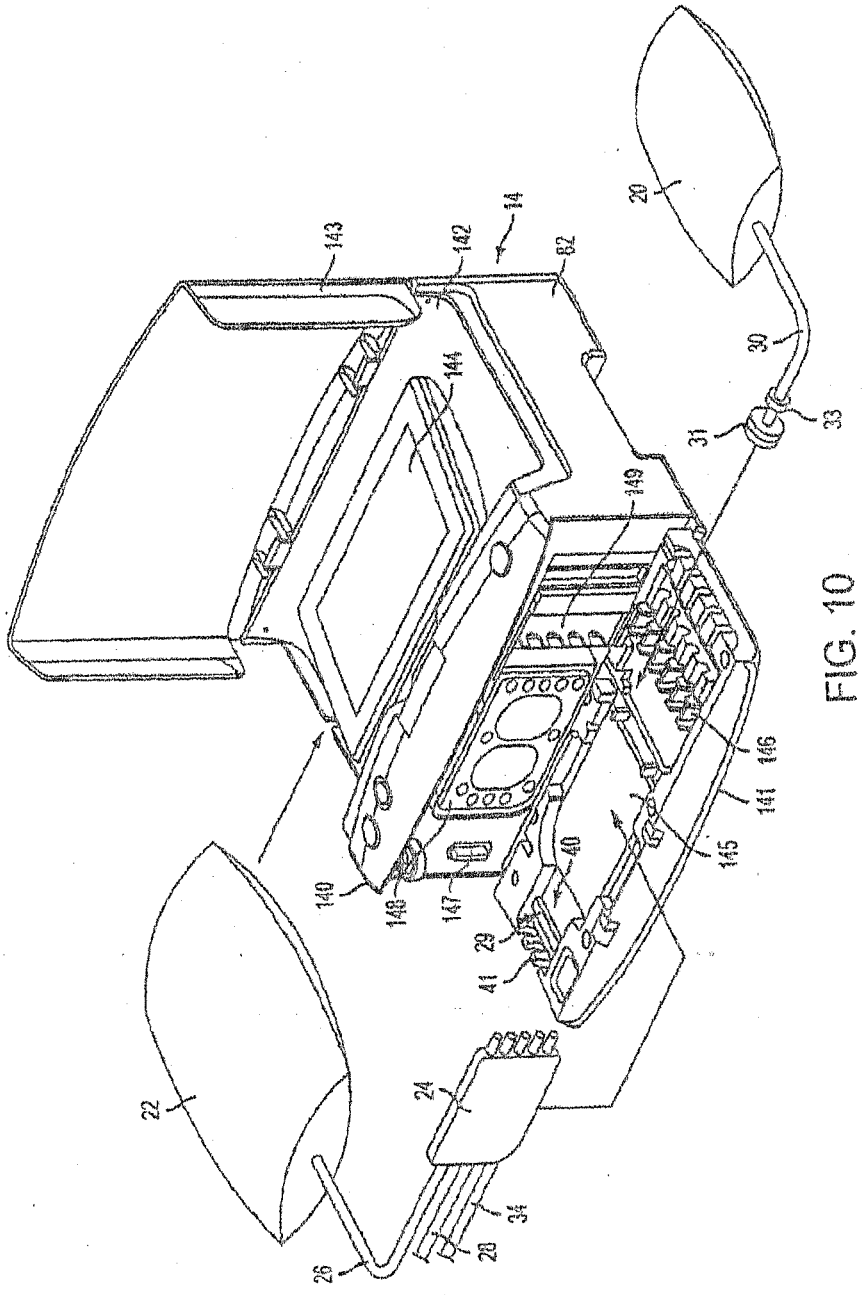

20
14
143
142
82
30
144
31
33
149
146
141
145
140
148
147
40
29
41
22
24
34
28
26

FIG. 10

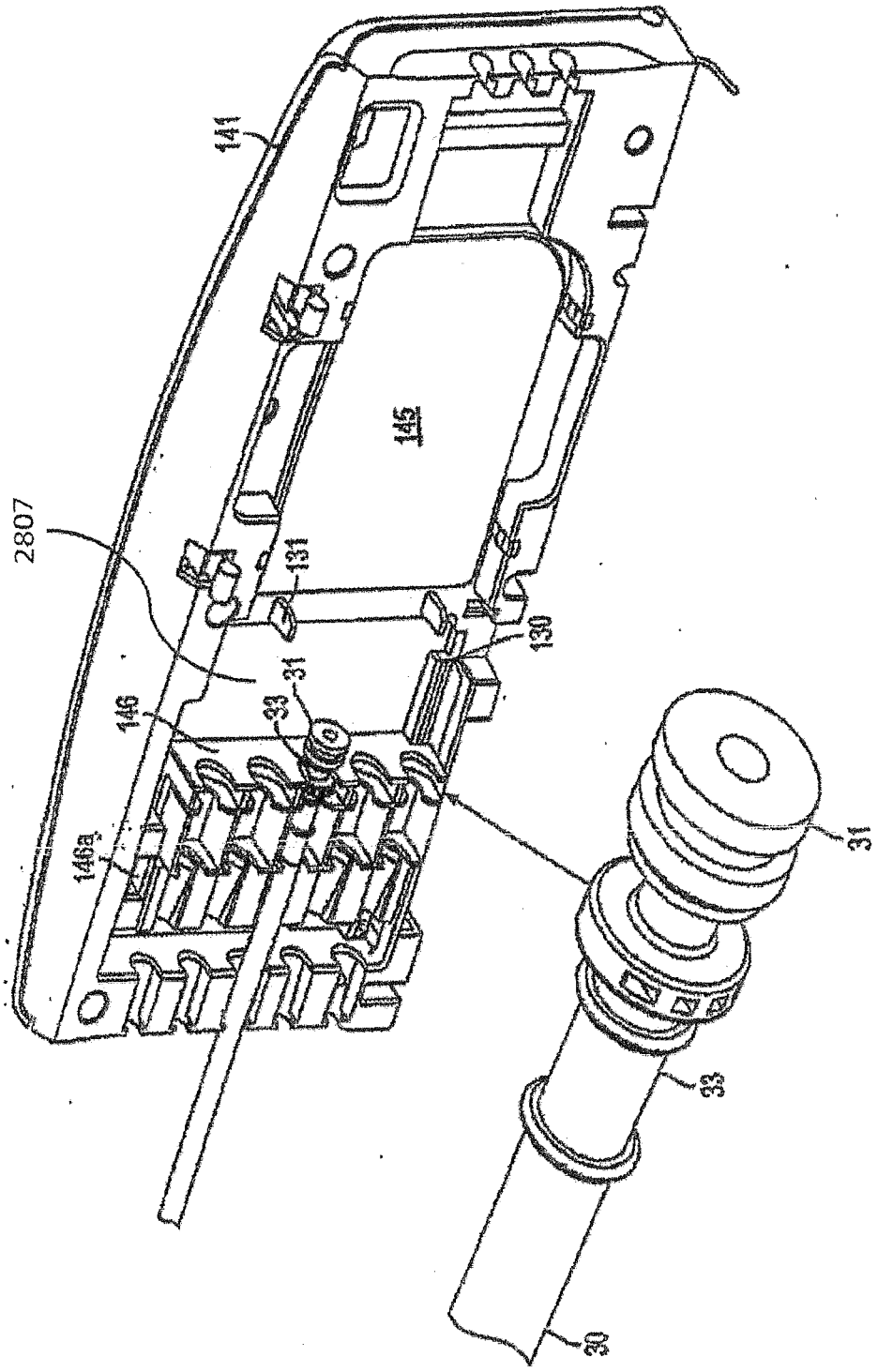


Fig. 11

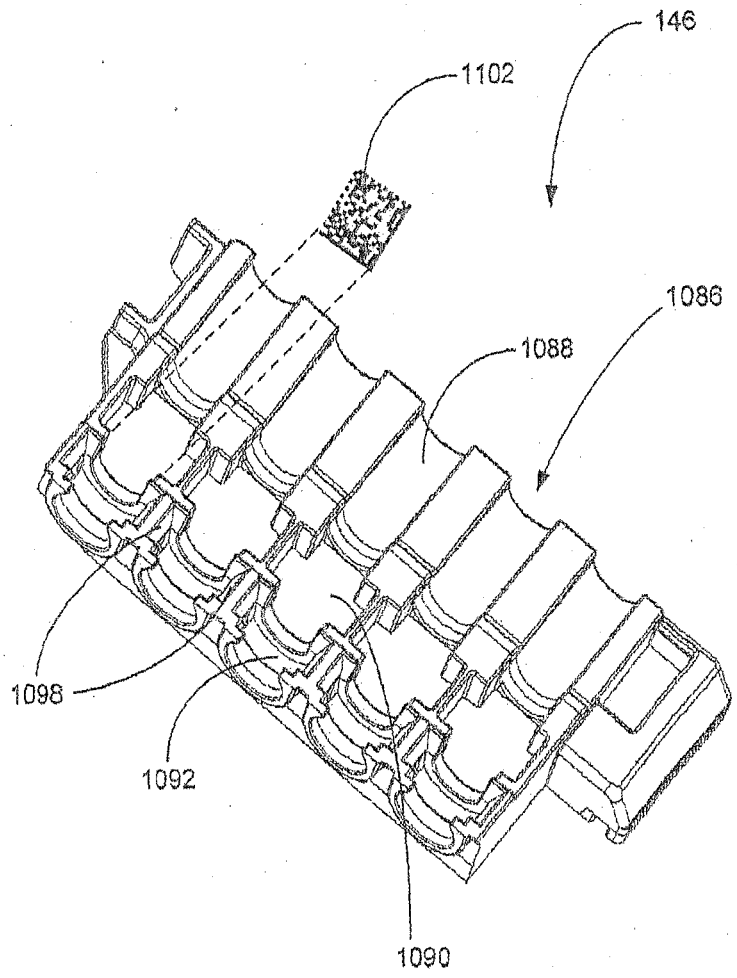


FIG. 11-1

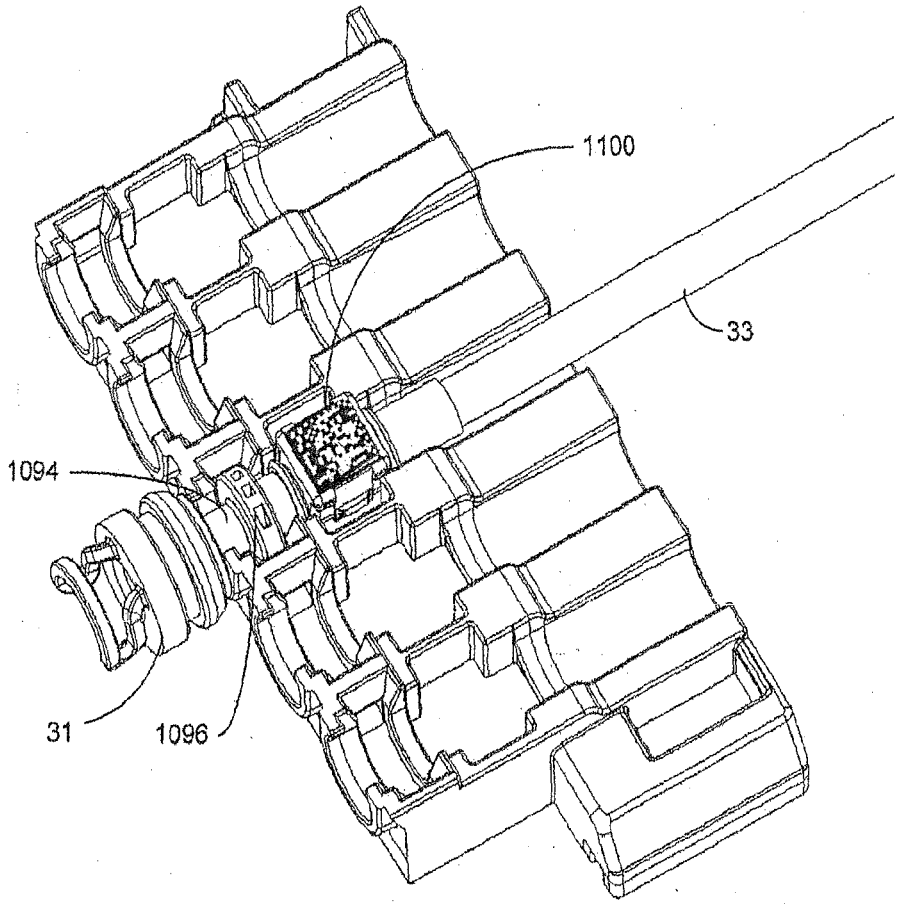


Fig. 11-2

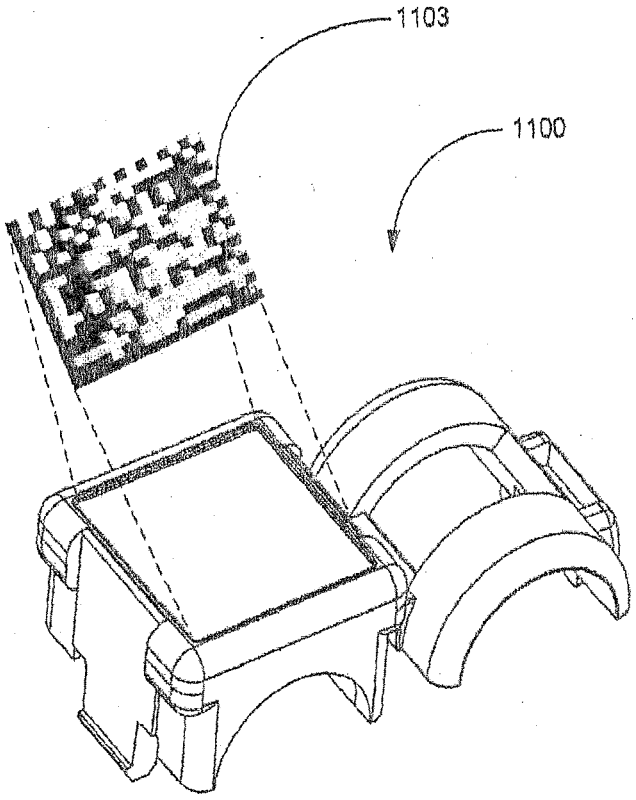


Fig. 11-3

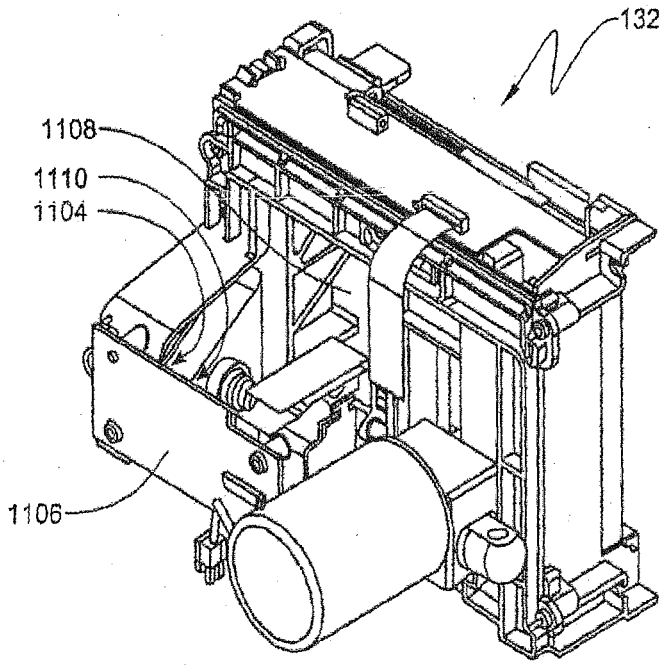


FIG. 11-4

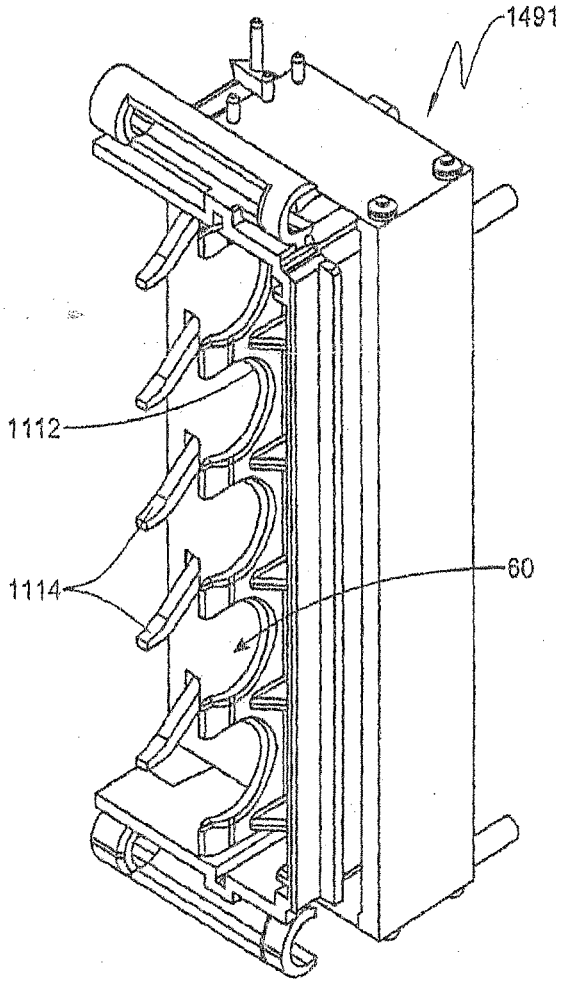


FIG. 11-5

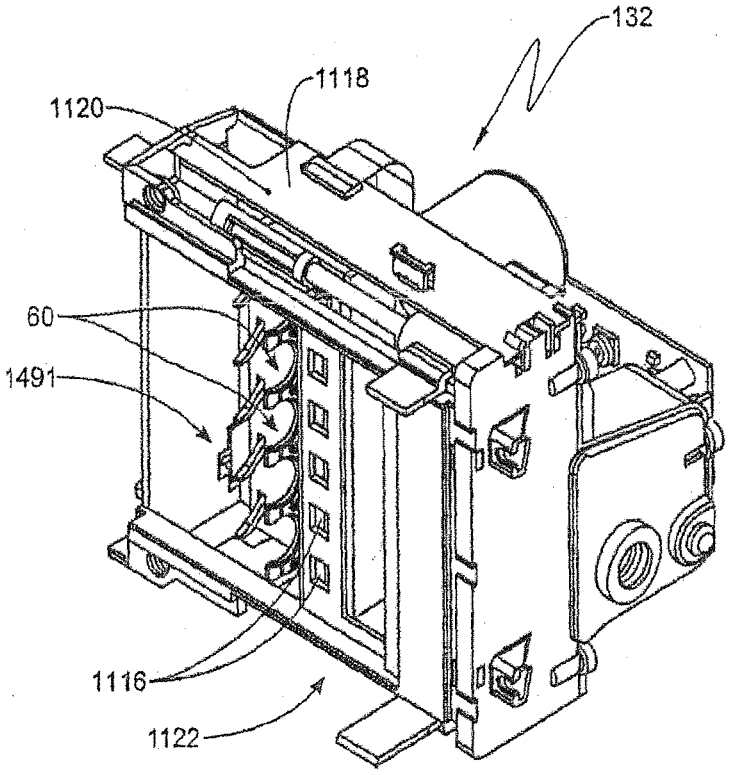


FIG. 11-6

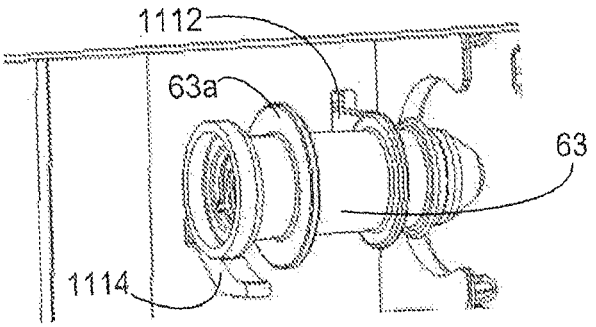


FIG. 11-7a

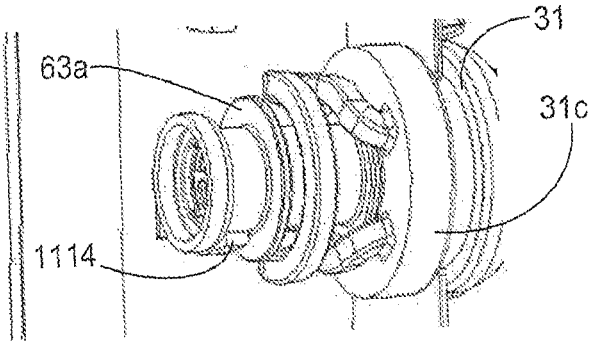


FIG. 11-7b

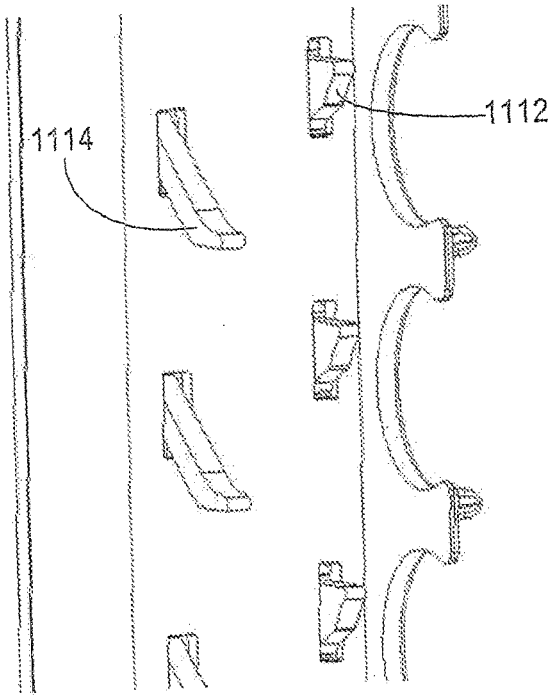


FIG. 11-7c

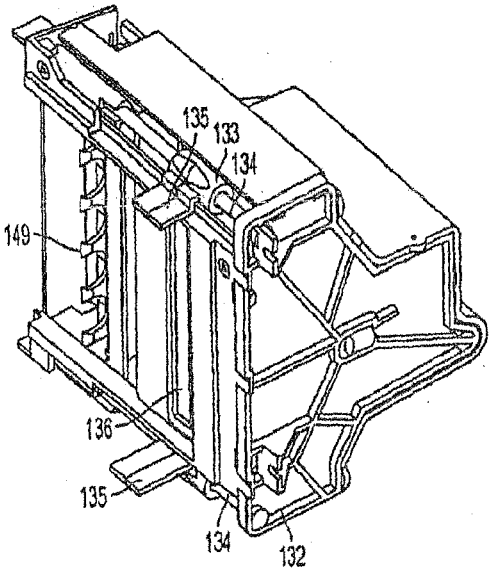


FIG. 12

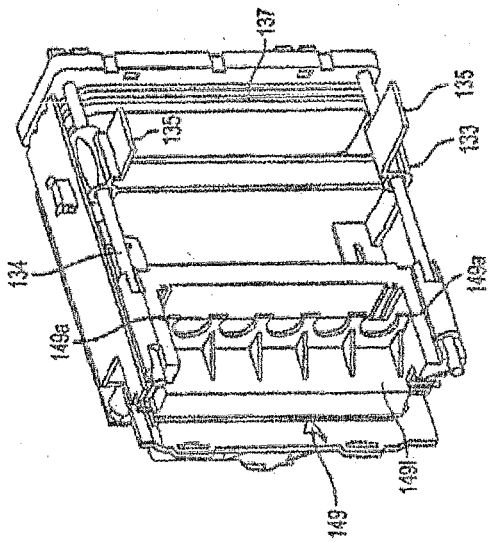


FIG. 13

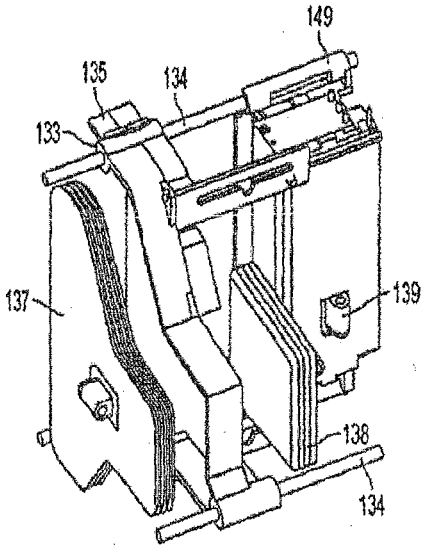


FIG. 14

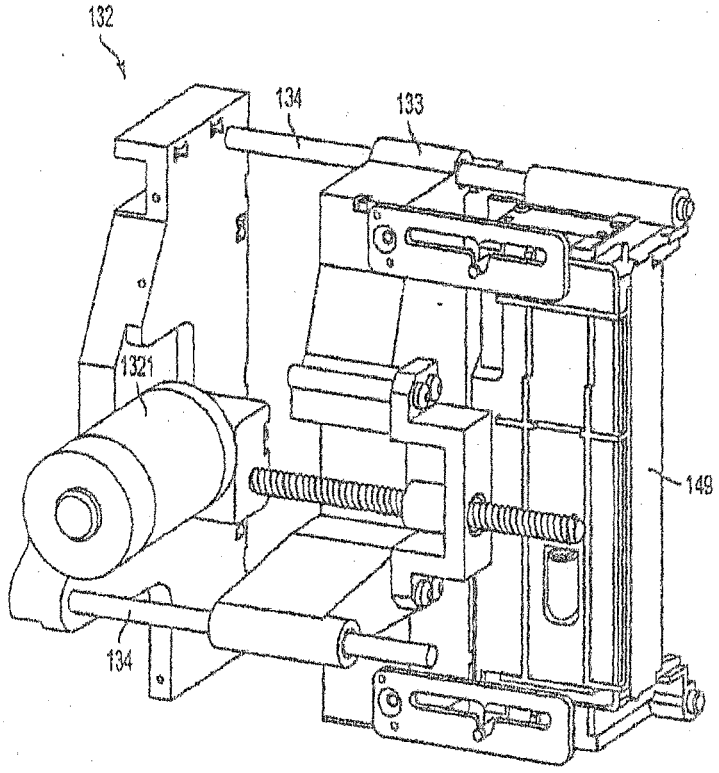


FIG. 15

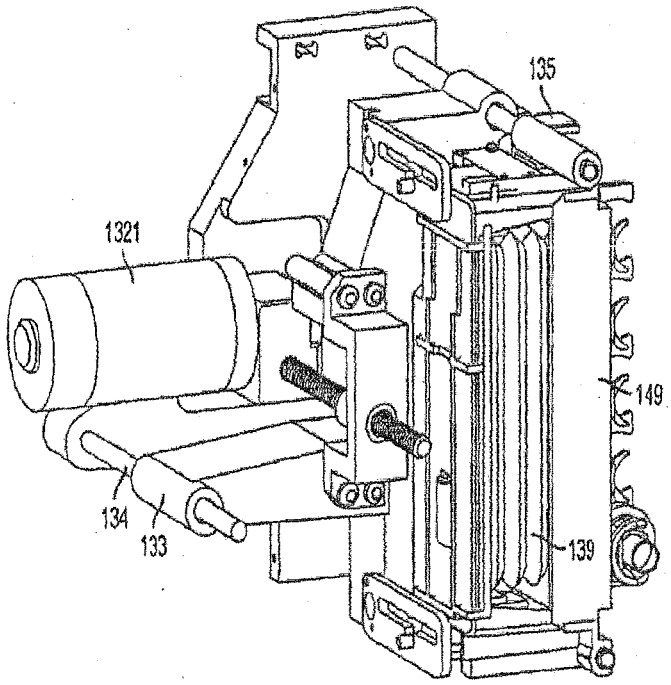


FIG. 16

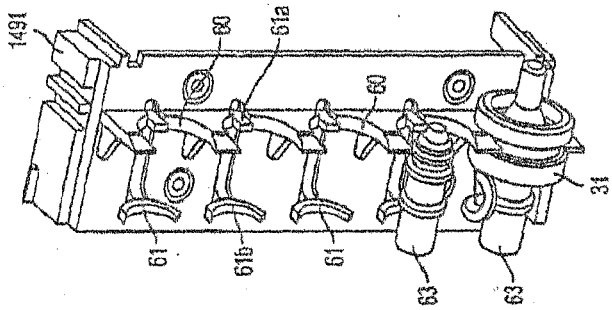

1491
60
61a
60
31
61
61b
61
63
63

FIG. 18

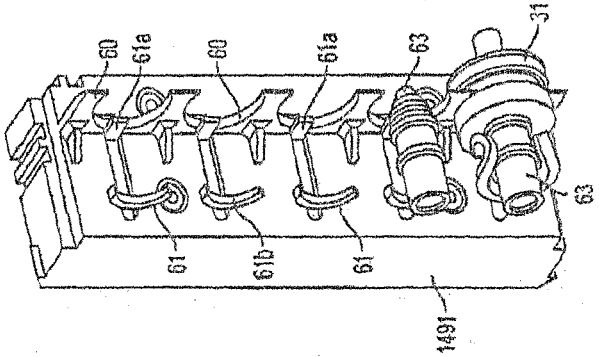

60
61a
60
61a
63
31
63
61
61b
61
1491

FIG. 17

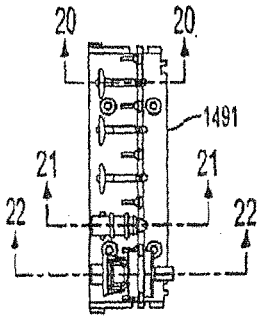


FIG. 19

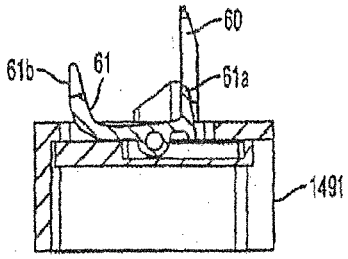


FIG. 20

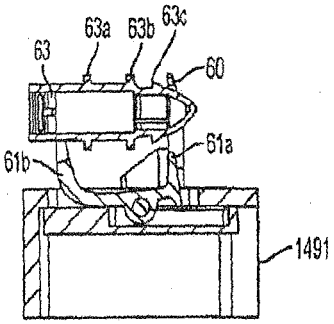


FIG. 21

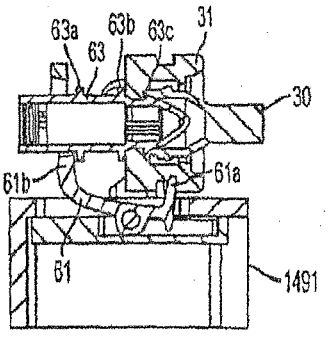


FIG. 22

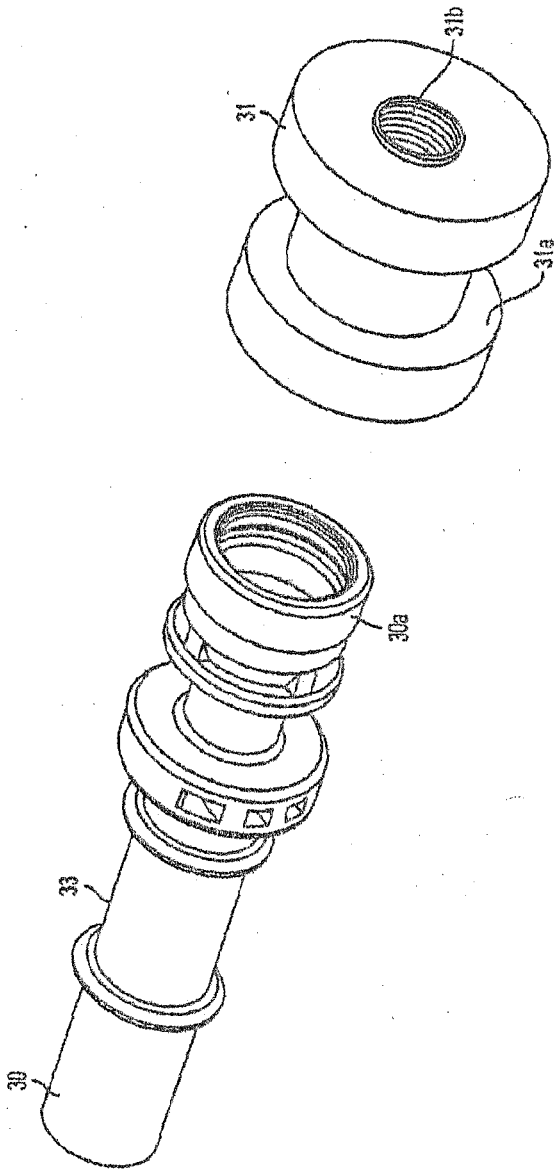


FIG. 23

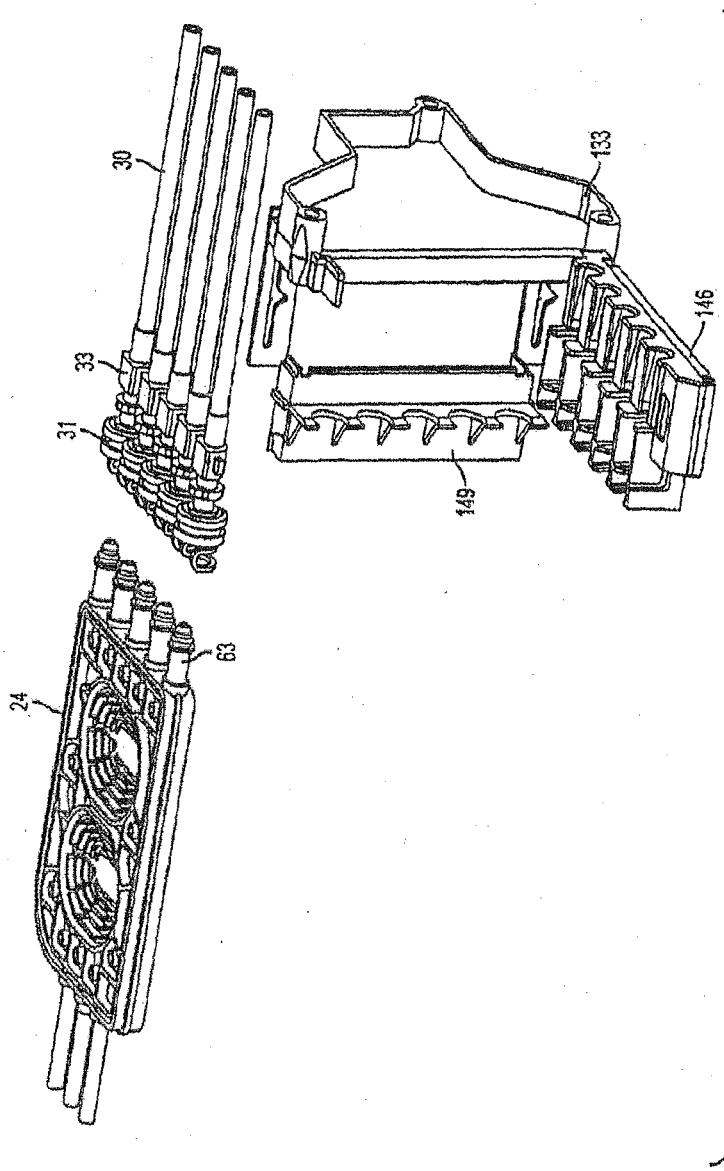


FIG. 24

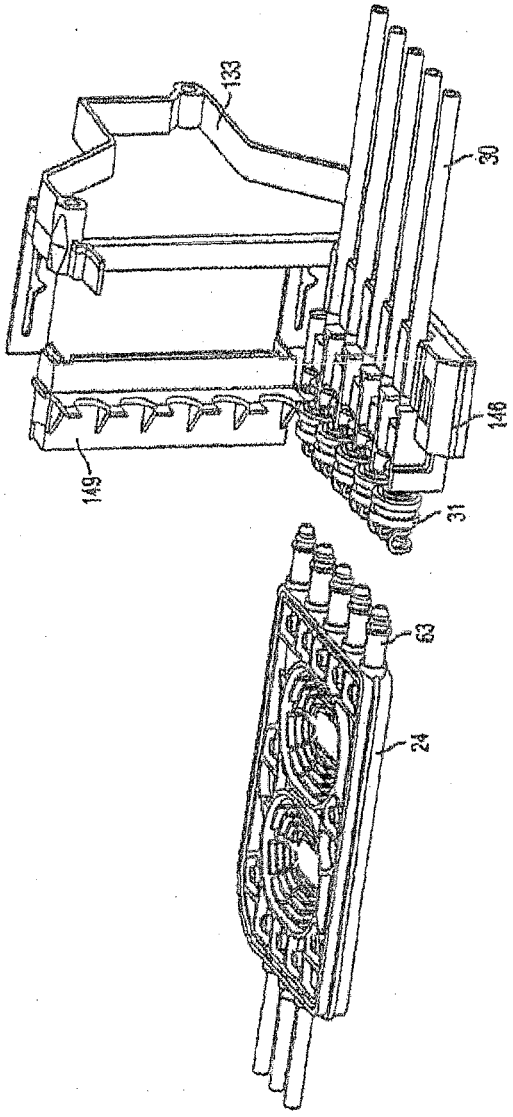


FIG. 25

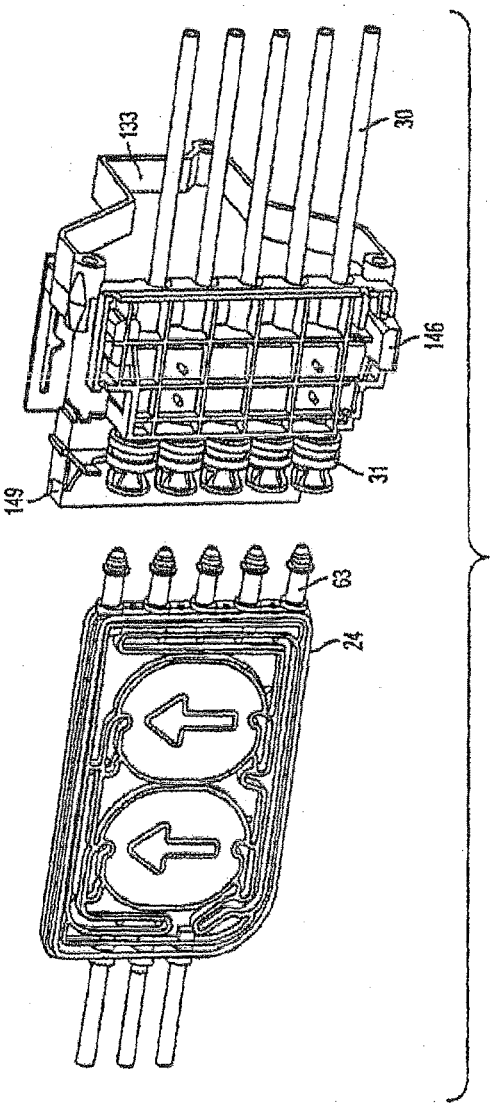


FIG. 26

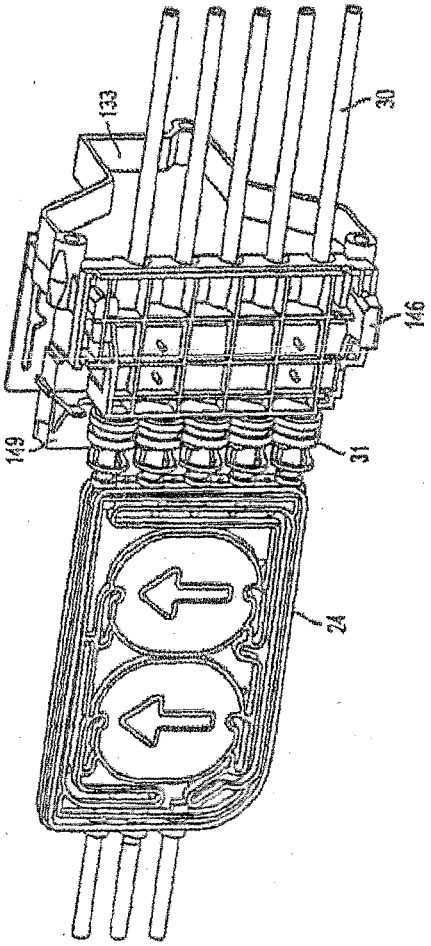


FIG. 27

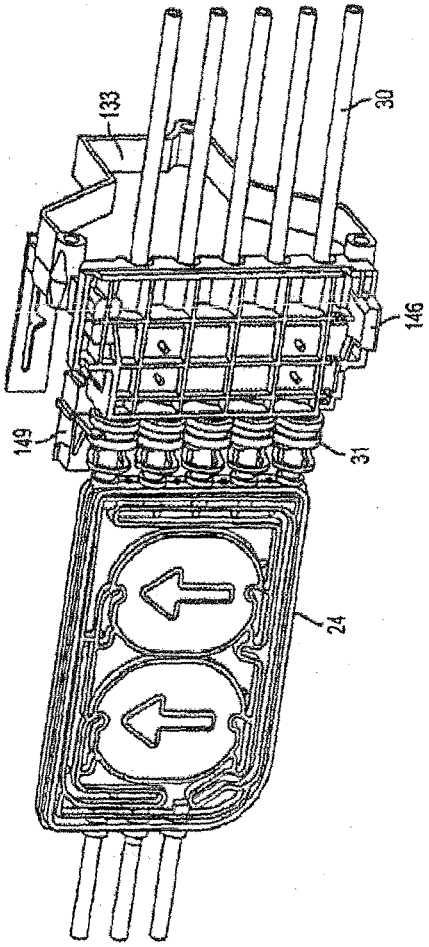


FIG. 28

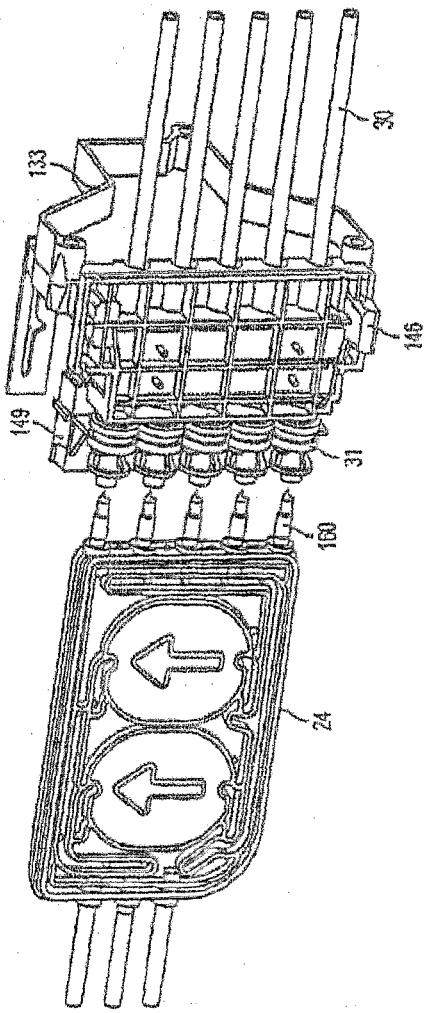


FIG. 29

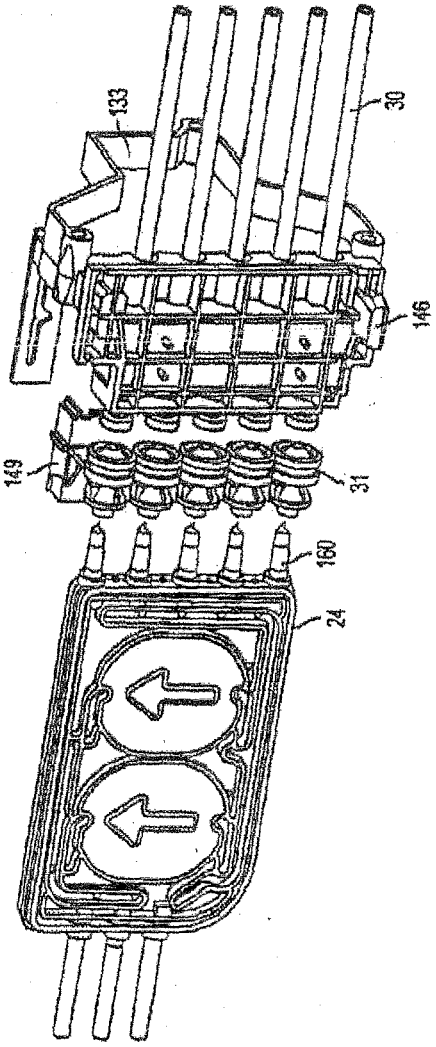


FIG. 30

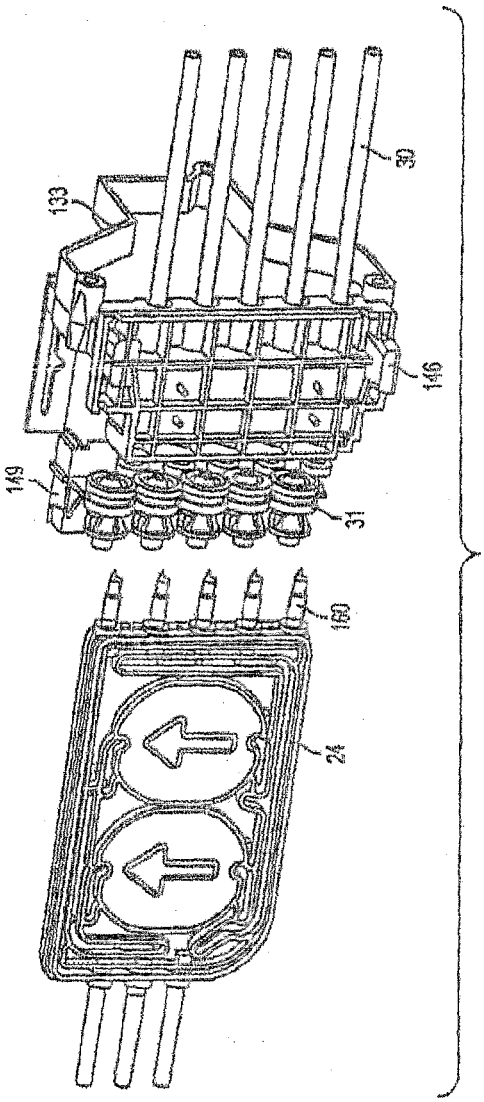


FIG. 31

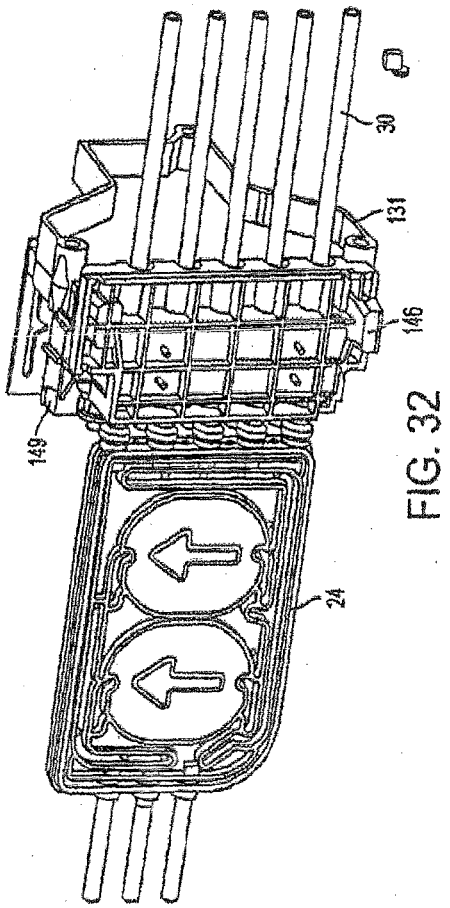


FIG. 32

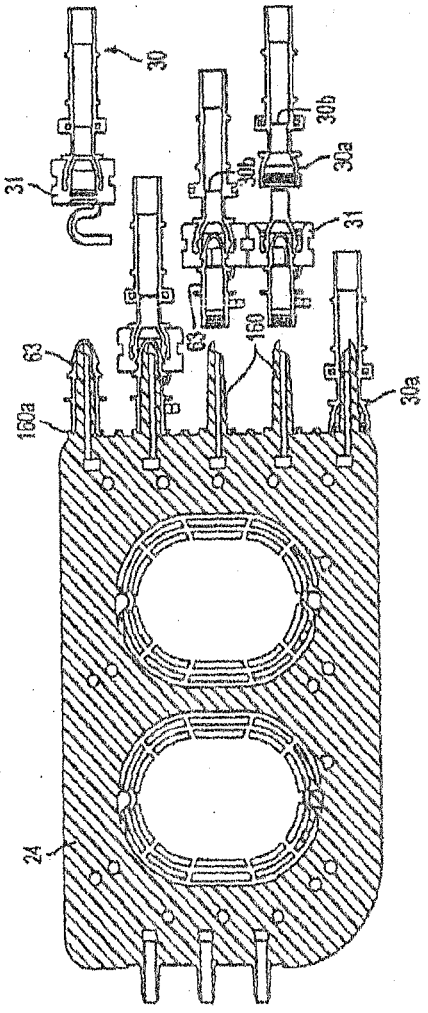


FIG. 33

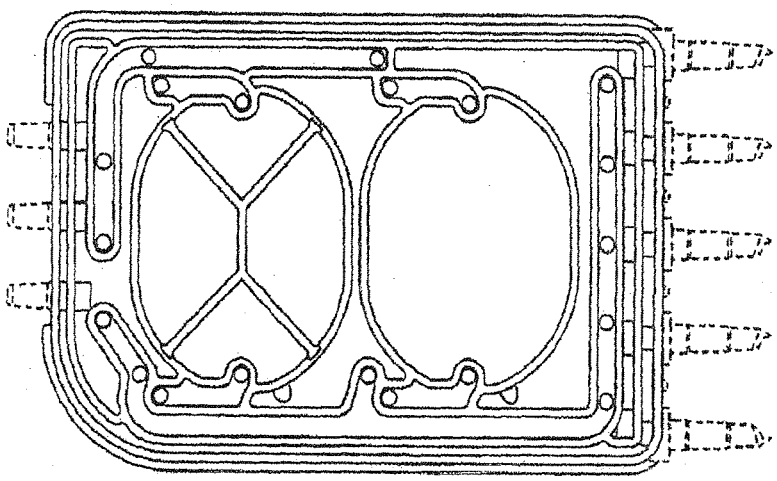


FIG. 34

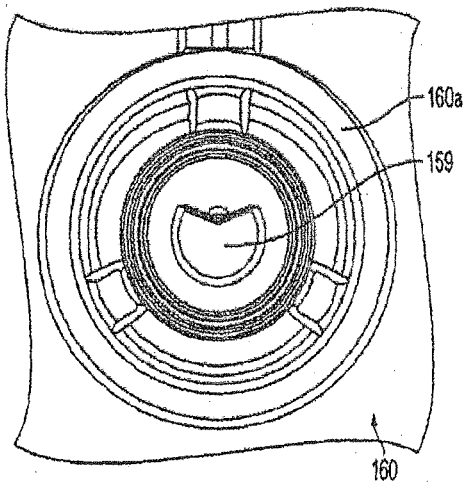


FIG. 35

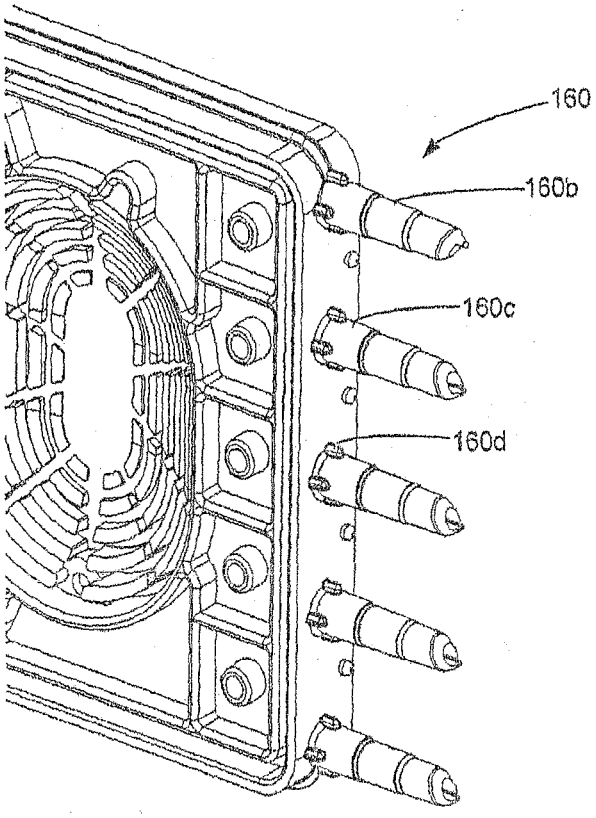


FIG. 35A

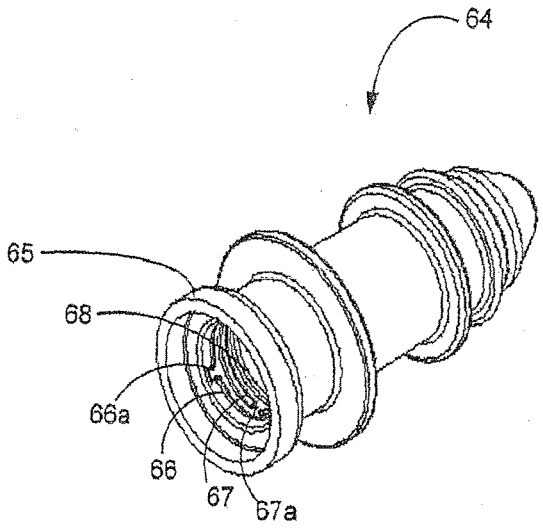


FIG. 35B

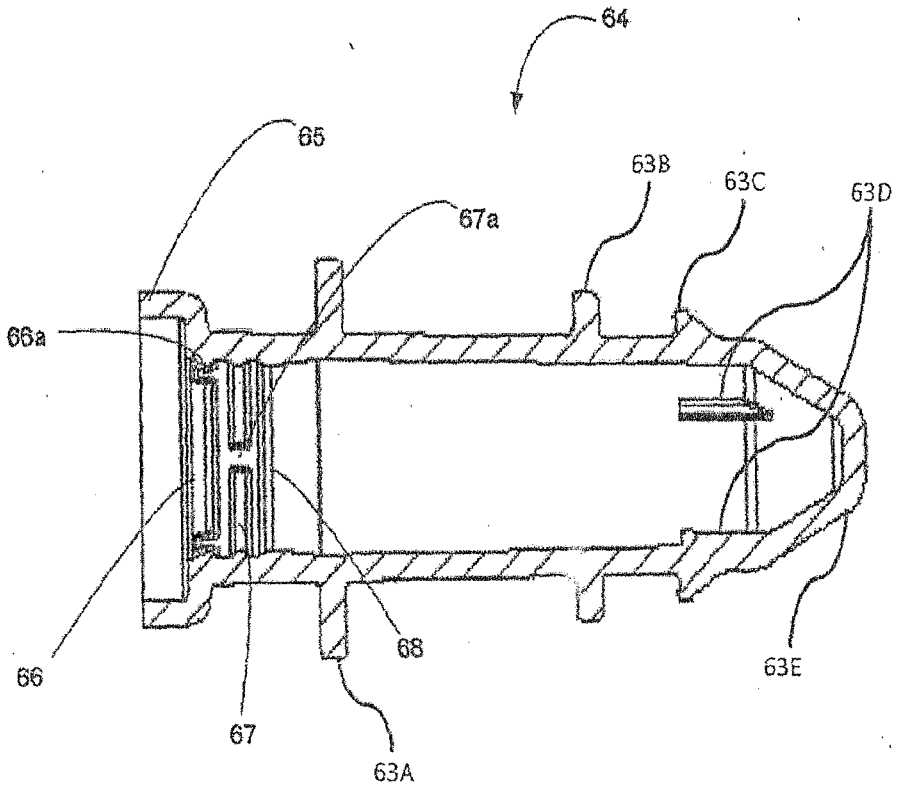


FIG. 35C

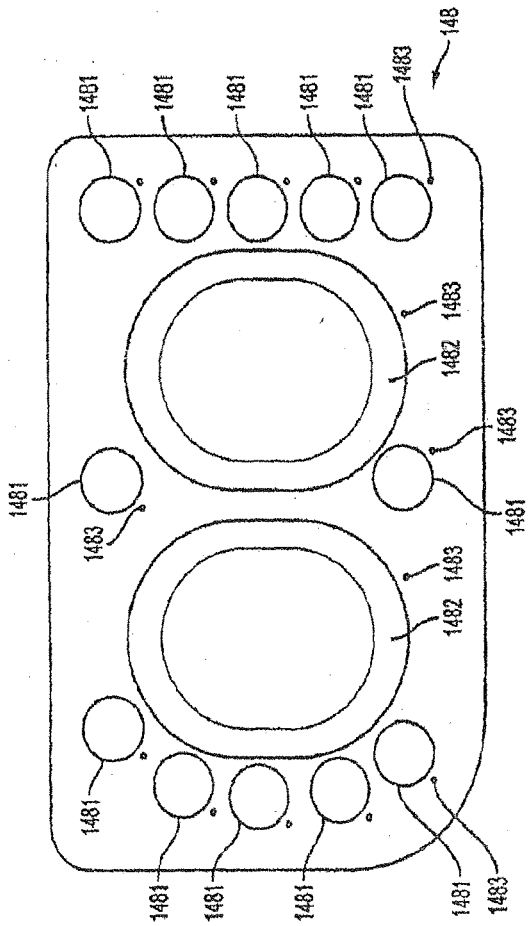


FIG. 36

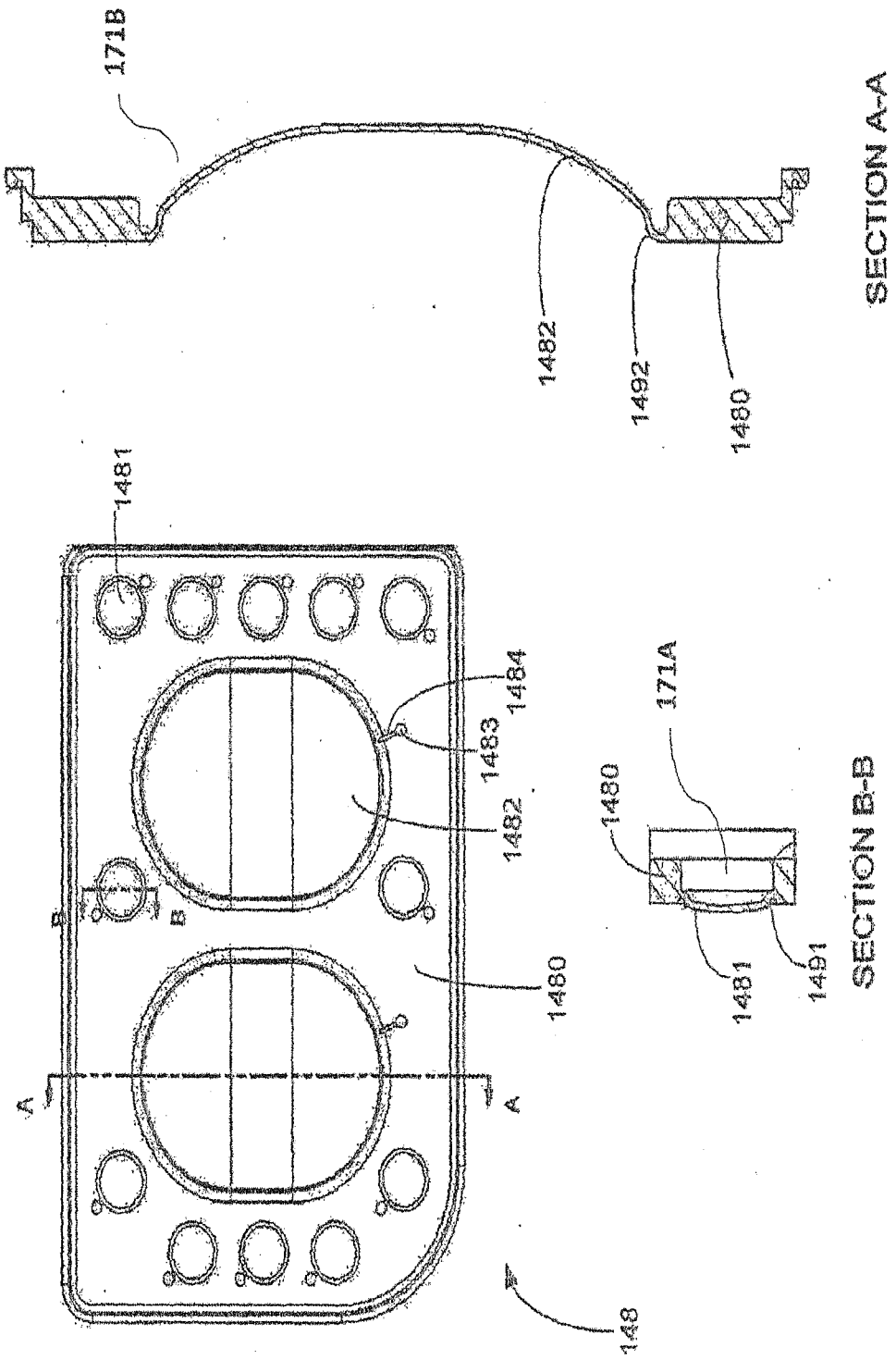

171B
1482
1492
1480
SECTION A-A
1481
1484
1483
1482
1480
A
A
B
B
148
171A
1480
1481
1491
SECTION B-B

Fig. 36A

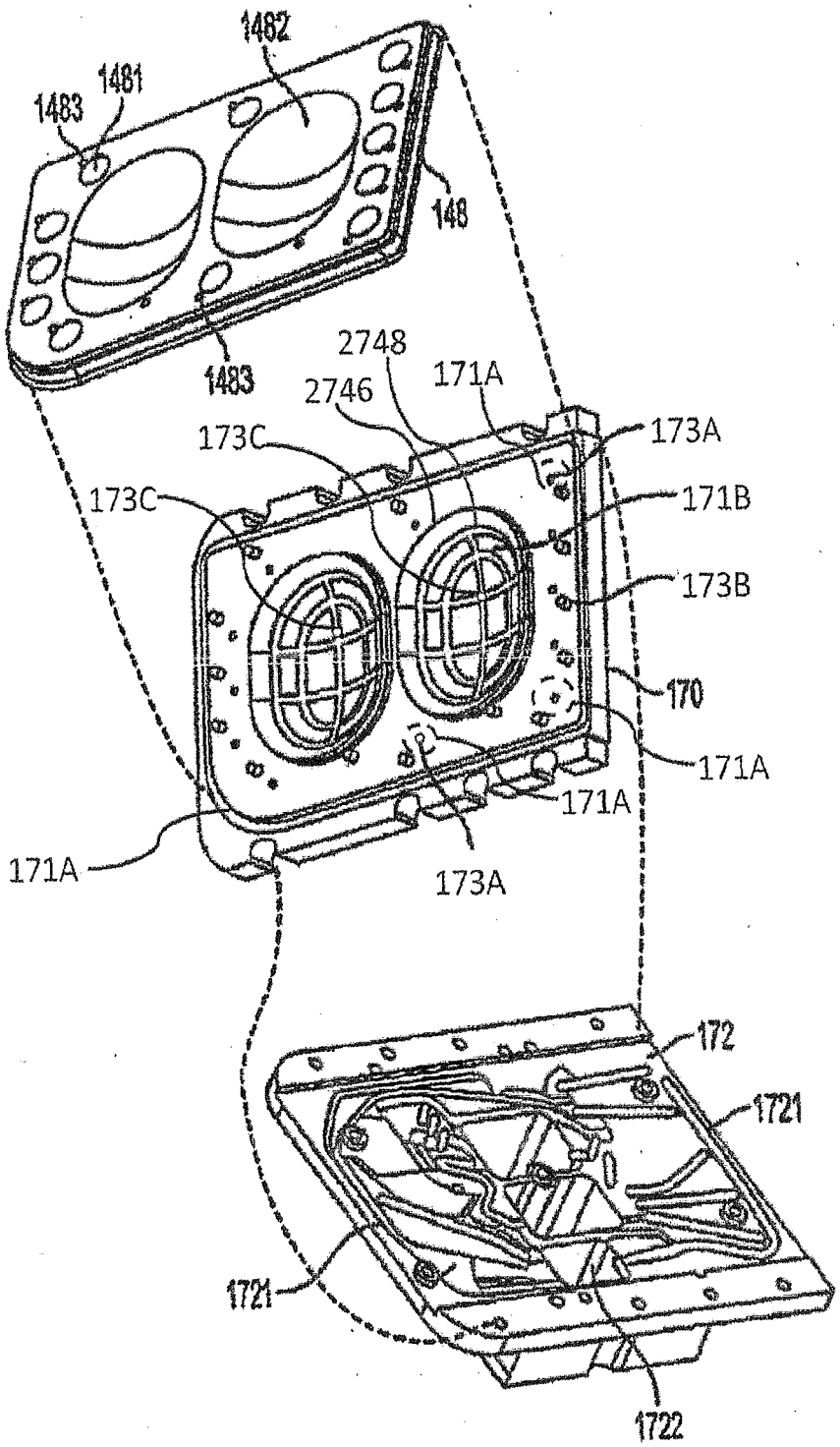

1482
1481
1483
148
1483
2748
2746
171A
173C
173A
173C
171B
173B
170
171A
171A
171A
173A
172
1721
1721
1722

FIG. 37

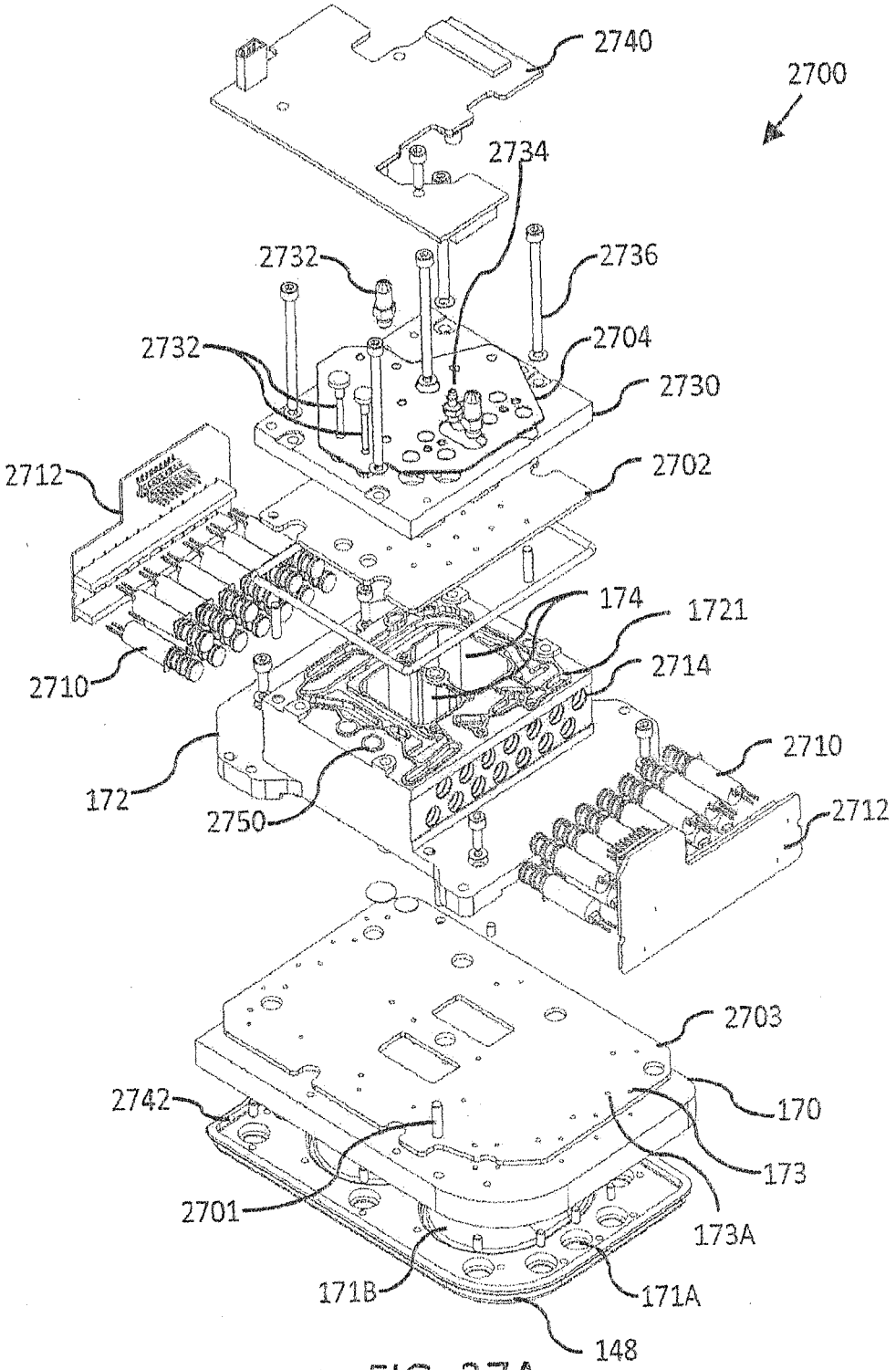

2740
2700
2734
2732
2736
2732
2704
2730
2712
2702
174
1721
2710
2714
2710
172
2750
2712
2703
2742
170
173
2701
173A
171B
171A
148

FIG. 37A

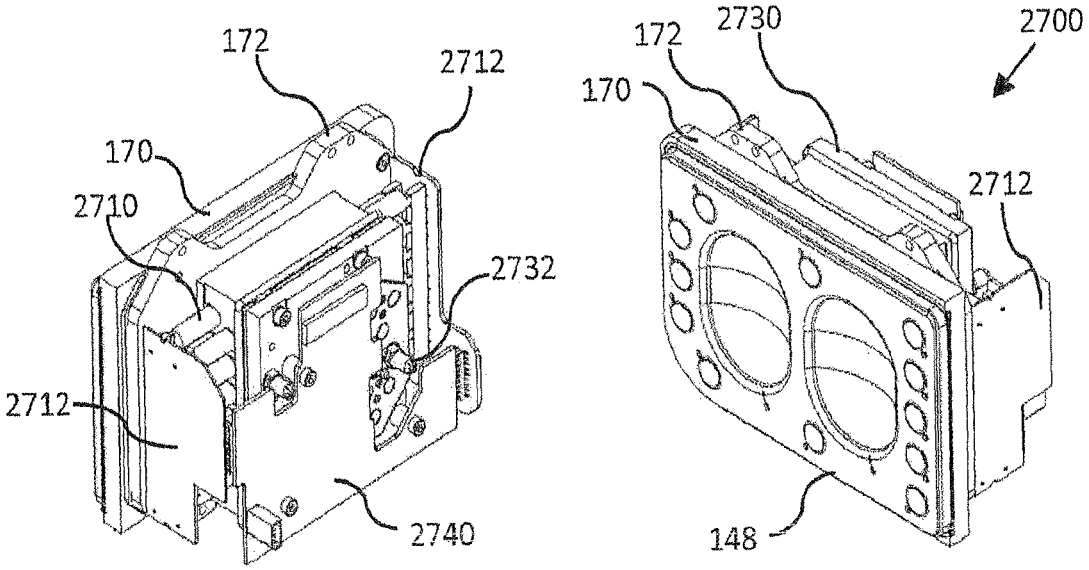


FIG. 37B

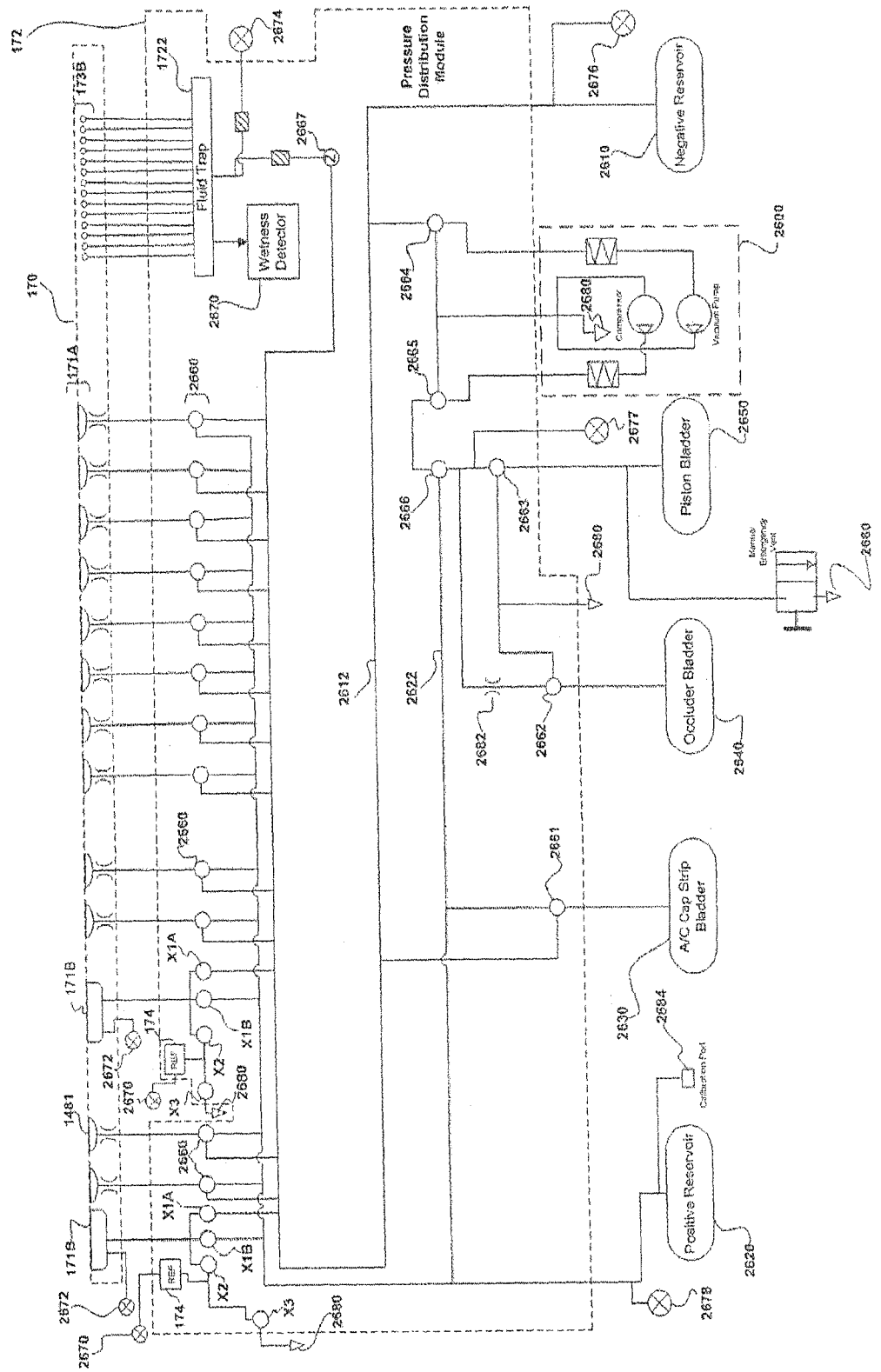

Pressure Distribution Module
Fluid Trap
Wetness Detector
Negative Reservoir
Piston Bladder
Occluder Bladder
A/C Cap Strip Bladder
Positive Reservoir
Manual Emergency Vent
Collection Port
Compressor
Vacuum Pump
REF
PULSE
172
173B
1722
2674
2667
2676
2610
2500
2664
2680
2665
2677
2650
2666
2663
2669
2622
2612
2682
2662
2640
2661
2630
2684
2620
2678
2660
1481
171A
171B
174
2672
2670
X1A
X1B
X2
X3

FIG 37C

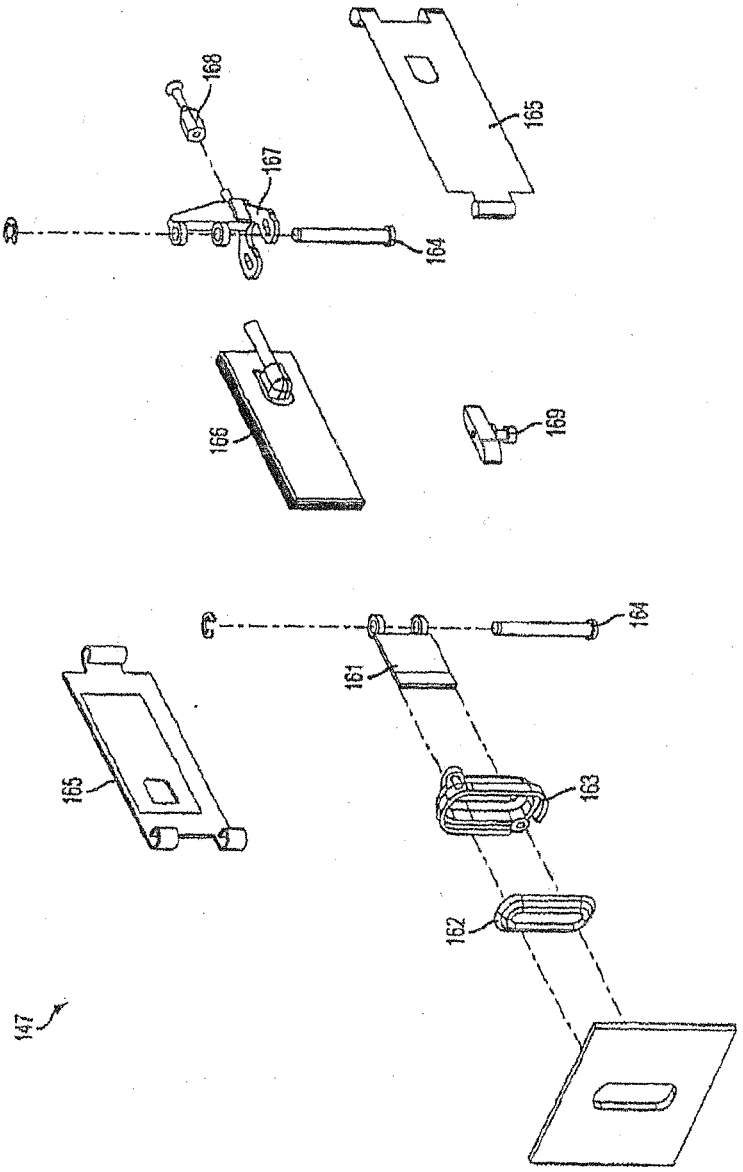


FIG. 38

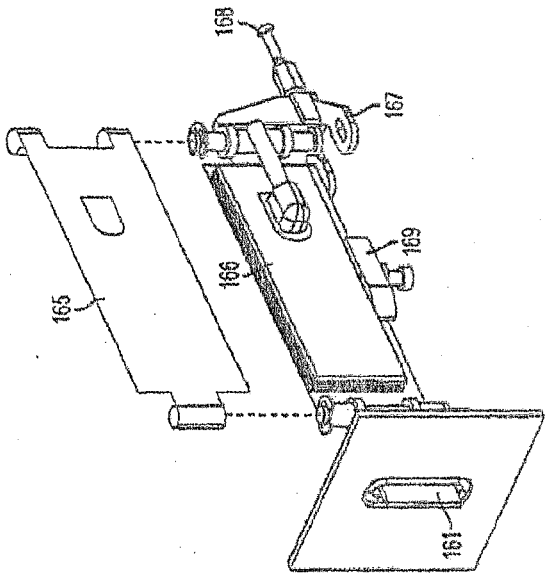


FIG. 39

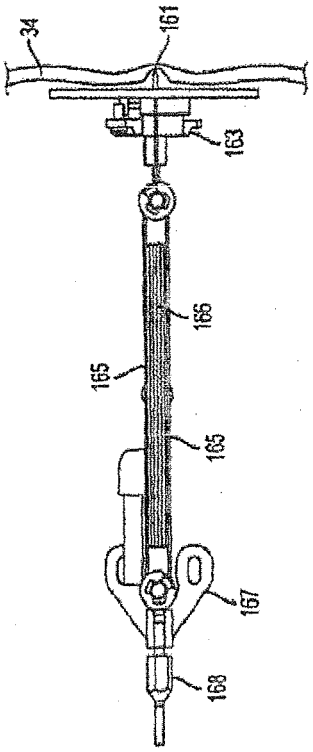


FIG. 40

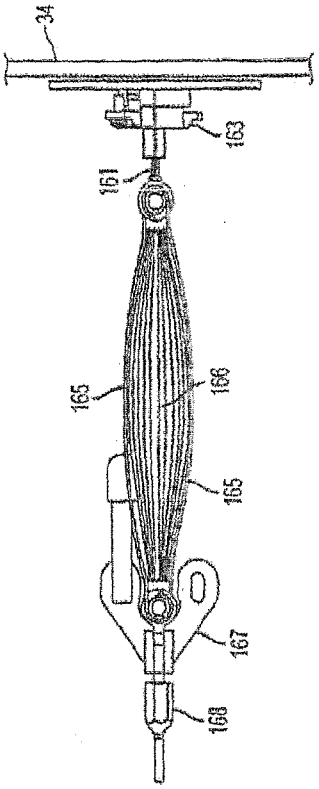


FIG. 41

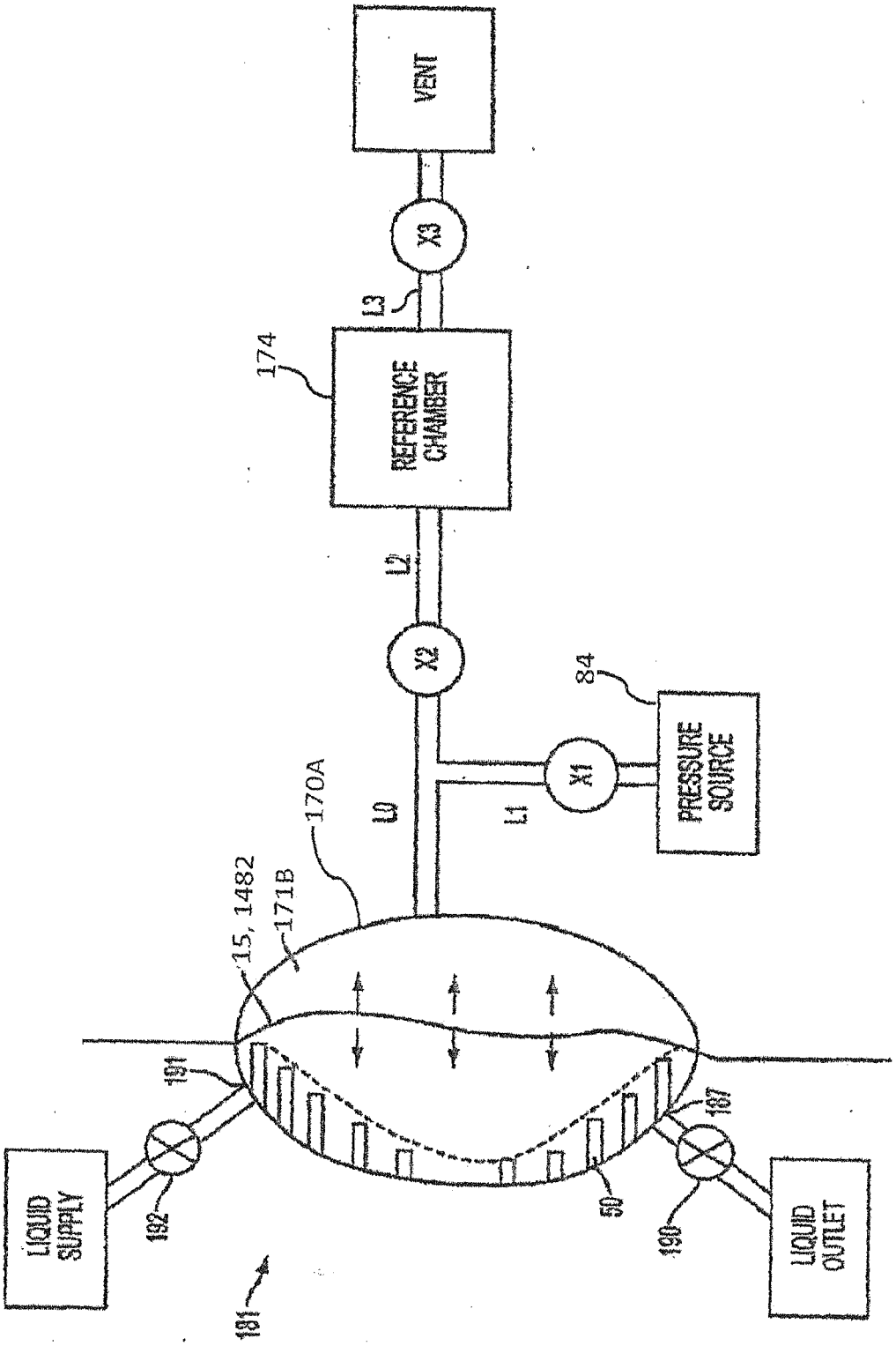

VENT
X3
L3
174
REFERENCE CHAMBER
L2
X2
84
PRESSURE SOURCE
X1
L1
L0
170A
15, 1482
171B
191
187
LIQUID SUPPLY
192
50
190
LIQUID OUTLET
181

FIG. 42

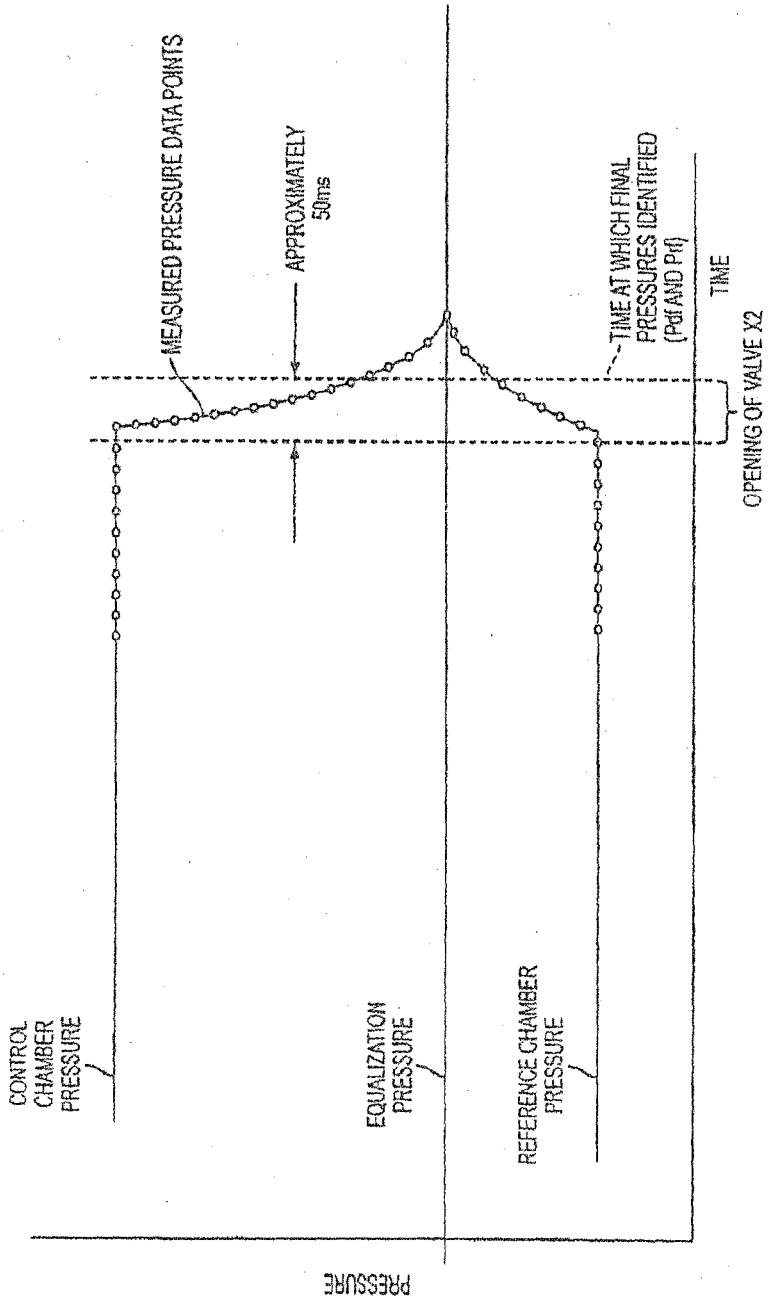

MEASURED PRESSURE DATA POINTS
APPROXIMATELY
50ms
TIME AT WHICH FINAL
PRESSURES IDENTIFIED
(Pdf AND Pff)
TIME
OPENING OF VALVE X2
CONTROL
CHAMBER
PRESSURE
EQUALIZATION
PRESSURE
REFERENCE CHAMBER
PRESSURE
PRESSURE

FIG. 43

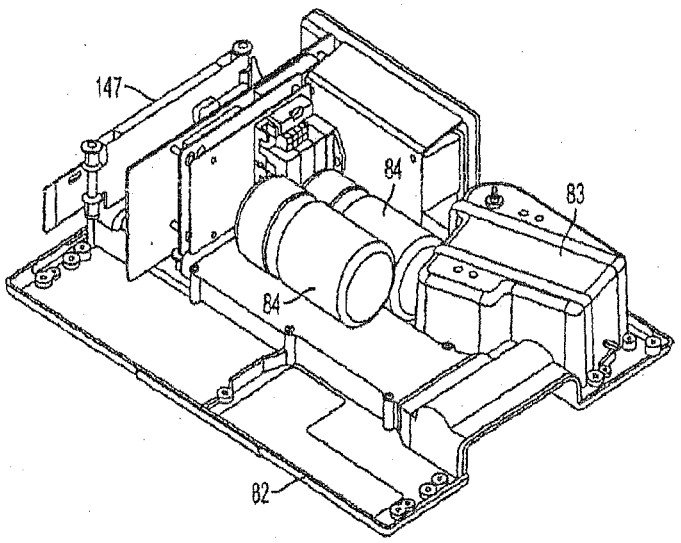


FIG. 44

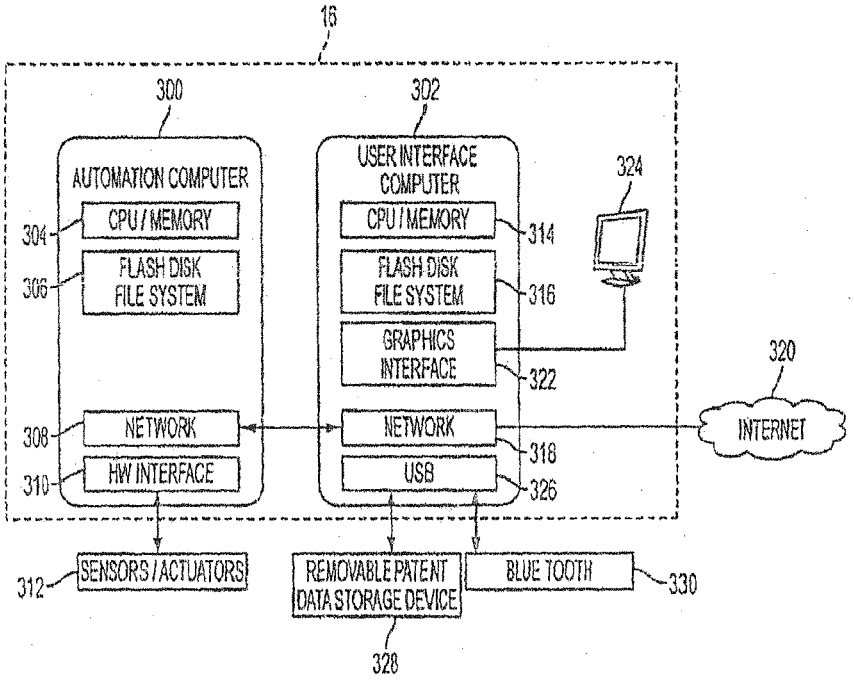

16
300
AUTOMATION COMPUTER
304
CPU / MEMORY
306
FLASH DISK FILE SYSTEM
308
NETWORK
310
HW INTERFACE
302
USER INTERFACE COMPUTER
CPU / MEMORY
314
FLASH DISK FILE SYSTEM
316
GRAPHICS INTERFACE
322
NETWORK
318
USB
326
324
320
INTERNET
312
SENSORS / ACTUATORS
REMOVABLE PATENT DATA STORAGE DEVICE
328
BLUE TOOTH
330

FIG. 45

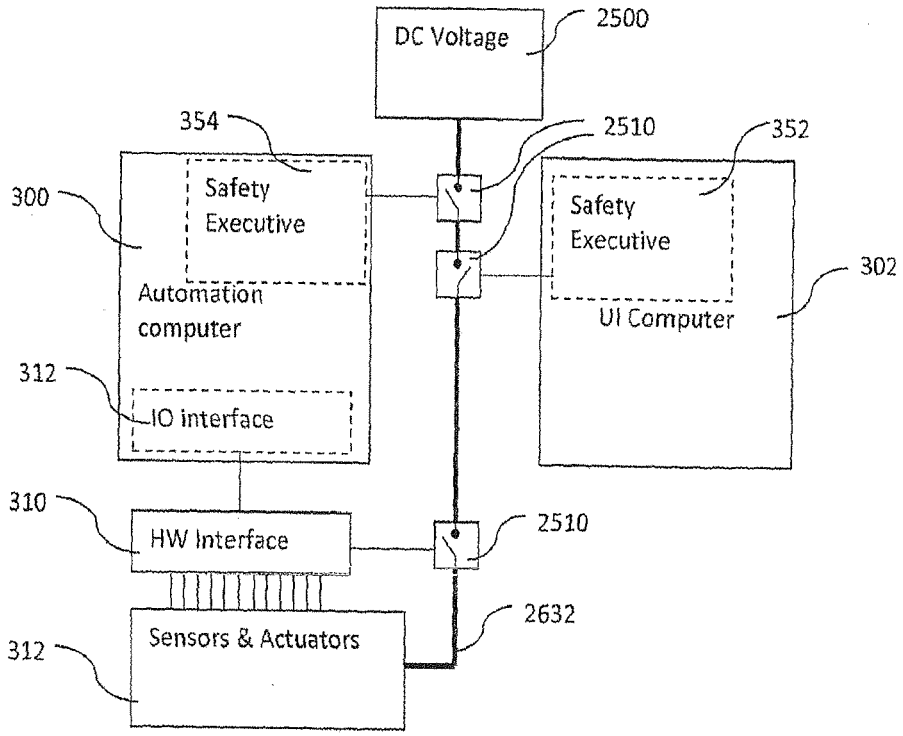

DC Voltage
2500
354
2510
352
300
Safety
Executive
Safety
Executive
302
Automation
computer
UI Computer
312
IO interface
310
HW Interface
2510
2632
312
Sensors & Actuators

FIG. 45A

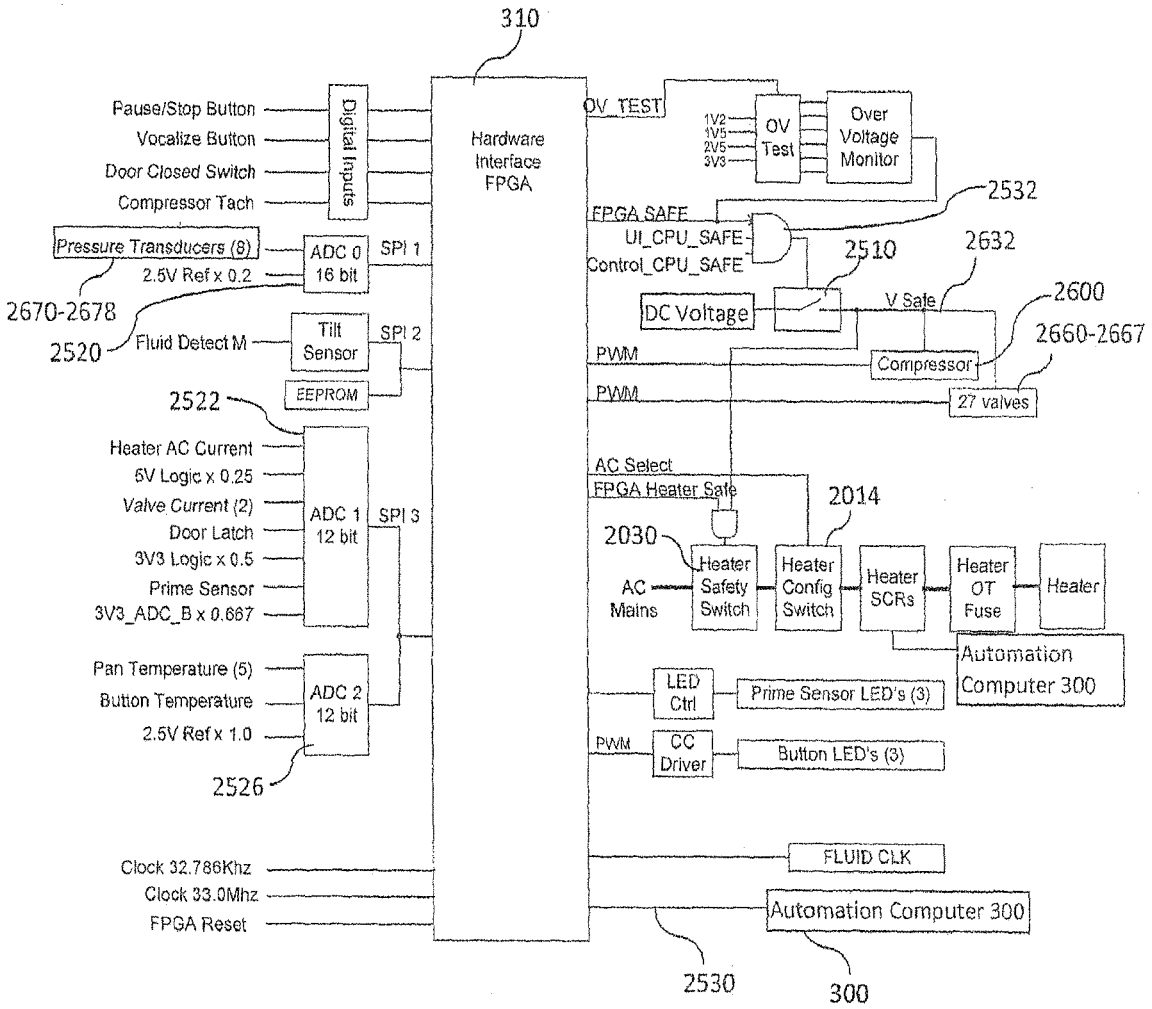

310
Pause/Stop Button
Vocalize Button
Door Closed Switch
Compressor Tach
Digital Inputs
Hardware Interface FPGA
OV_TEST
1V2
1V5
2V5
3V3
OV Test
Over Voltage Monitor
2532
FPGA SAFE
UI_CPU_SAFE
Control_CPU_SAFE
2510
2632
Pressure Transducers (8)
2.5V Ref x 0.2
ADC 0 16 bit
SPI 1
2670-2678
2520
Fluid Detect M
Tilt Sensor
SPI 2
EEPROM
DC Voltage
V Safe
2600
2660-2667
PWM
Compressor
PWM
27 valves
2522
Heater AC Current
5V Logic x 0.25
Valve Current (2)
Door Latch
3V3 Logic x 0.5
Prime Sensor
3V3_ADC_B x 0.667
ADC 1 12 bit
SPI 3
AC Select
FPGA Heater Safe
2014
2030
AC Mains
Heater Safety Switch
Heater Config Switch
Heater SCRs
Heater OT Fuse
Heater
Automation Computer 300
Pan Temperature (5)
Button Temperature
2.5V Ref x 1.0
ADC 2 12 bit
LED Ctrl
Prime Sensor LED's (3)
PWM
CC Driver
Button LED's (3)
2526
Clock 32.786Khz
Clock 33.0Mhz
FPGA Reset
FLUID CLK
Automation Computer 300
2530
300

FIG. 45B

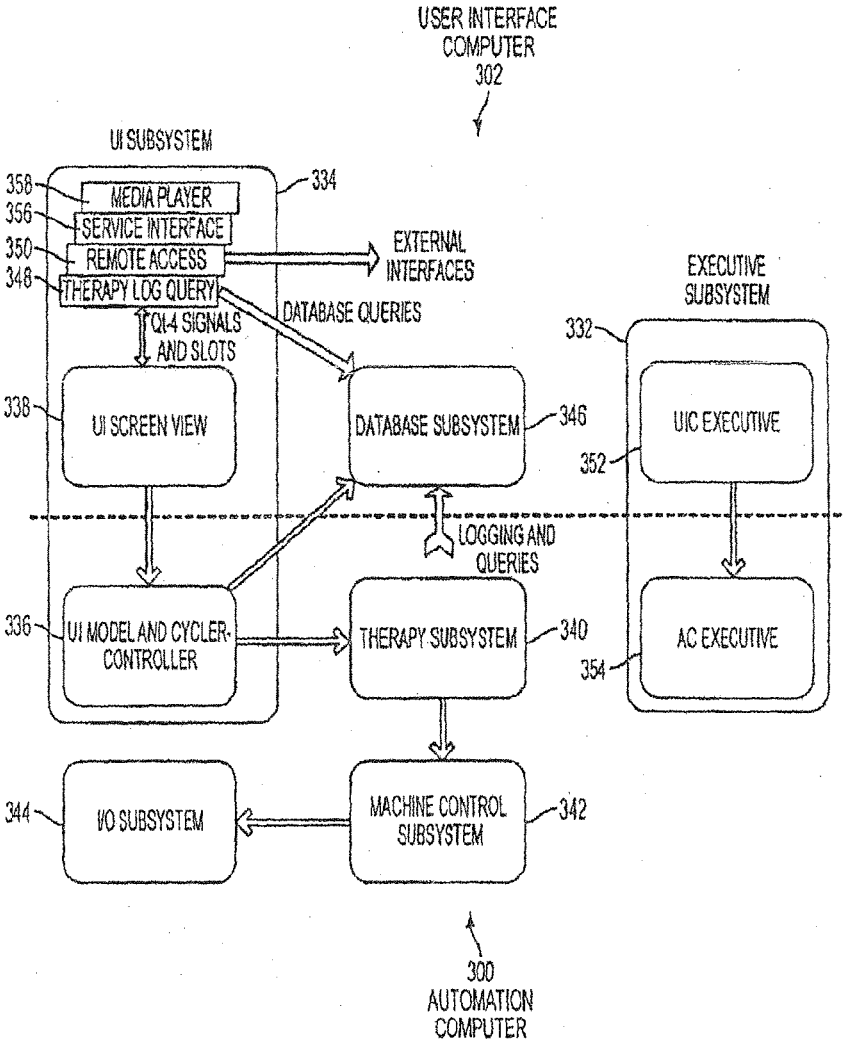

USER INTERFACE COMPUTER 302
UI SUBSYSTEM
334
358
MEDIA PLAYER
356
SERVICE INTERFACE
350
REMOTE ACCESS
348
THERAPY LOG QUERY
EXTERNAL INTERFACES
DATABASE QUERIES
QI-4 SIGNALS AND SLOTS
338
UI SCREEN VIEW
DATABASE SUBSYSTEM
346
EXECUTIVE SUBSYSTEM
332
UIC EXECUTIVE
352
LOGGING AND QUERIES
336
UI MODEL AND CYCLER-CONTROLLER
THERAPY SUBSYSTEM
340
AC EXECUTIVE
354
344
I/O SUBSYSTEM
MACHINE CONTROL SUBSYSTEM
342
300 AUTOMATION COMPUTER

FIG. 46

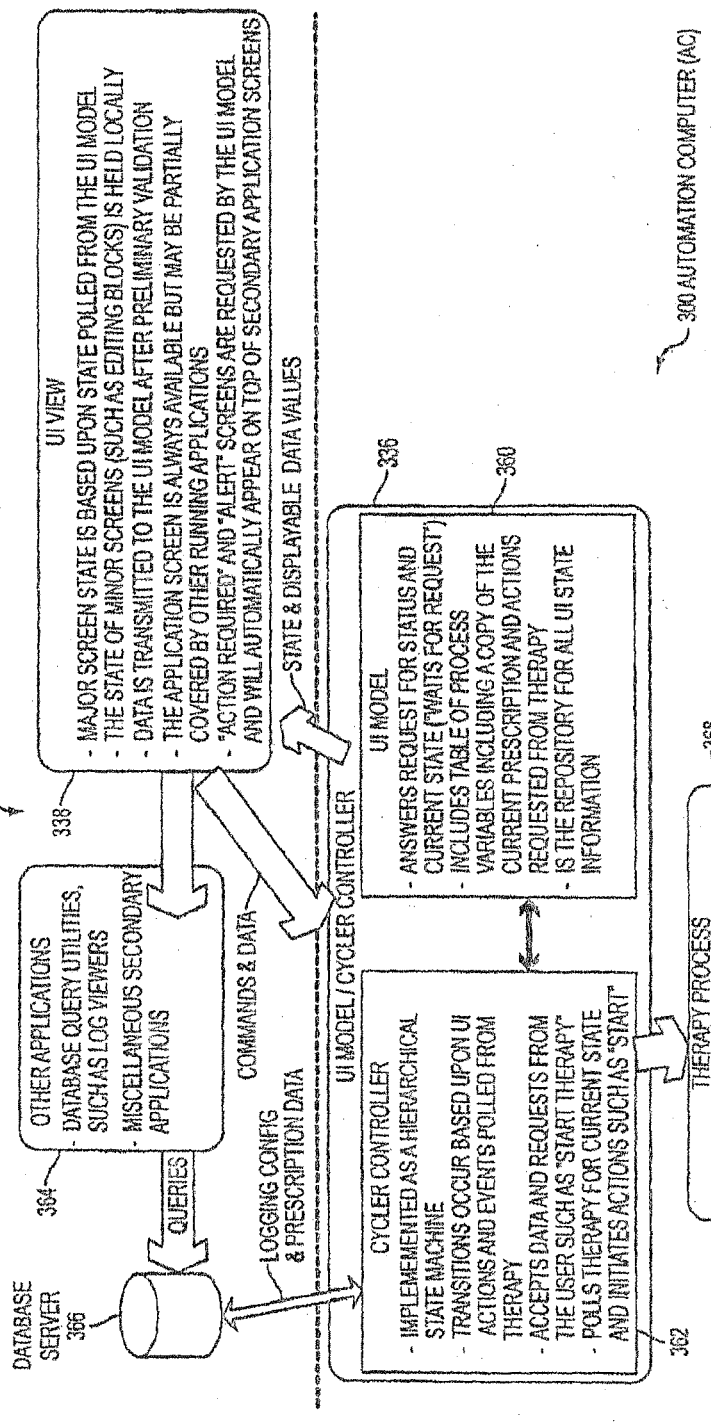

USER INTERFACE COMPUTER (UIC)
302
UI VIEW
- MAJOR SCREEN STATE IS BASED UPON STATE POLLED FROM THE UI MODEL
- THE STATE OF MINOR SCREENS (SUCH AS EDITING BLOCKS) IS HELD LOCALLY
- DATA IS TRANSMITTED TO THE UI MODEL AFTER PRELIMINARY VALIDATION
- THE APPLICATION SCREEN IS ALWAYS AVAILABLE BUT MAY BE PARTIALLY COVERED BY OTHER RUNNING APPLICATIONS
- "ACTION REQUIRED" AND "ALERT" SCREENS ARE REQUESTED BY THE UI MODEL AND WILL AUTOMATICALLY APPEAR ON TOP OF SECONDARY APPLICATION SCREENS
338
STATE & DISPLAYABLE DATA VALUES
OTHER APPLICATIONS
- DATABASE QUERY UTILITIES, SUCH AS LOG VIEWERS
- MISCELLANEOUS SECONDARY APPLICATIONS
364
QUERIES
COMMANDS & DATA
DATABASE SERVER
366
LOGGING CONFIG & PRESCRIPTION DATA
UI MODEL / CYCLER CONTROLLER
CYCLER CONTROLLER
- IMPLEMENTED AS A HIERARCHICAL STATE MACHINE
- TRANSITIONS OCCUR BASED UPON UI ACTIONS AND EVENTS POLLED FROM THERAPY
- ACCEPTS DATA AND REQUESTS FROM THE USER SUCH AS "START THERAPY"
- POLLS THERAPY FOR CURRENT STATE AND INITIATES ACTIONS SUCH AS "START"
362
UI MODEL
- ANSWERS REQUEST FOR STATUS AND CURRENT STATE ("WAITS FOR REQUEST")
- INCLUDES TABLE OF PROCESS VARIABLES INCLUDING A COPY OF THE CURRENT PRESCRIPTION AND ACTIONS REQUESTED FROM THERAPY
- IS THE REPOSITORY FOR ALL UI STATE INFORMATION
336
360
THERAPY PROCESS
- ACTS AS A SERVER TO THE UI STATE MACHINE
- CAN ACCEPT COMMANDS WHEN APPROPRIATE
368
300 AUTOMATION COMPUTER (AC)

FIG. 47

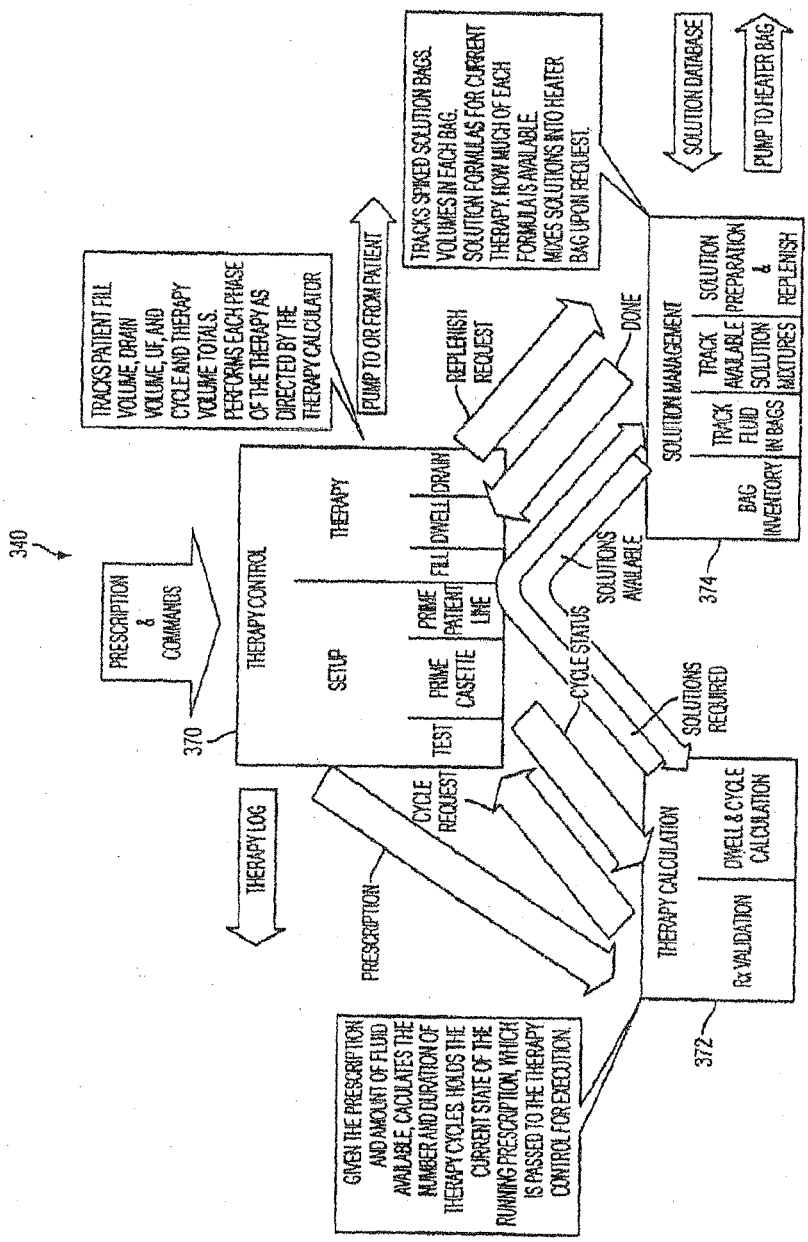

340
PRESCRIPTION & COMMANDS
370
THERAPY CONTROL
SETUP
TEST
PRIME CASETTE
PRIME PATIENT LINE
THERAPY
FILL
DWELL
DRAIN
TRACKS PATIENT FILL VOLUME, DRAIN VOLUME, UF, AND CYCLE AND THERAPY VOLUME TOTALS. PERFORMS EACH PHASE OF THE THERAPY AS DIRECTED BY THE THERAPY CALCULATOR
PUMP TO OR FROM PATIENT
REPLENISH REQUEST
TRACKS SPIKED SOLUTION BAGS. VOLUMES IN EACH BAG. SOLUTION FORMULAS FOR CURRENT THERAPY. KNOW MUCH OF EACH FORMULA IS AVAILABLE. MIXES SOLUTIONS INTO HEATER BAG UPON REQUEST.
DONE
SOLUTIONS AVAILABLE
SOLUTION MANAGEMENT
BAG INVENTORY
TRACK FLUID IN BAGS
TRACK AVAILABLE SOLUTION MIXTURES
SOLUTION PREPARATION & REPLENISH
374
SOLUTION DATABASE
PUMP TO HEATER BAG
THERAPY LOG
PRESCRIPTION
CYCLE REQUEST
CYCLE STATUS
SOLUTIONS REQUIRED
THERAPY CALCULATION
Rx VALIDATION
DWELL & CYCLE CALCULATION
372
GIVEN THE PRESCRIPTION AND AMOUNT OF FLUID AVAILABLE, CACULATES THE NUMBER AND DURATION OF THERAPY CYCLES. HOLDS THE CURRENT STATE OF THE RUNNING PRESCRIPTION, WHICH IS PASSED TO THE THERAPY CONTROL FOR EXECUTION.

FIG. 48

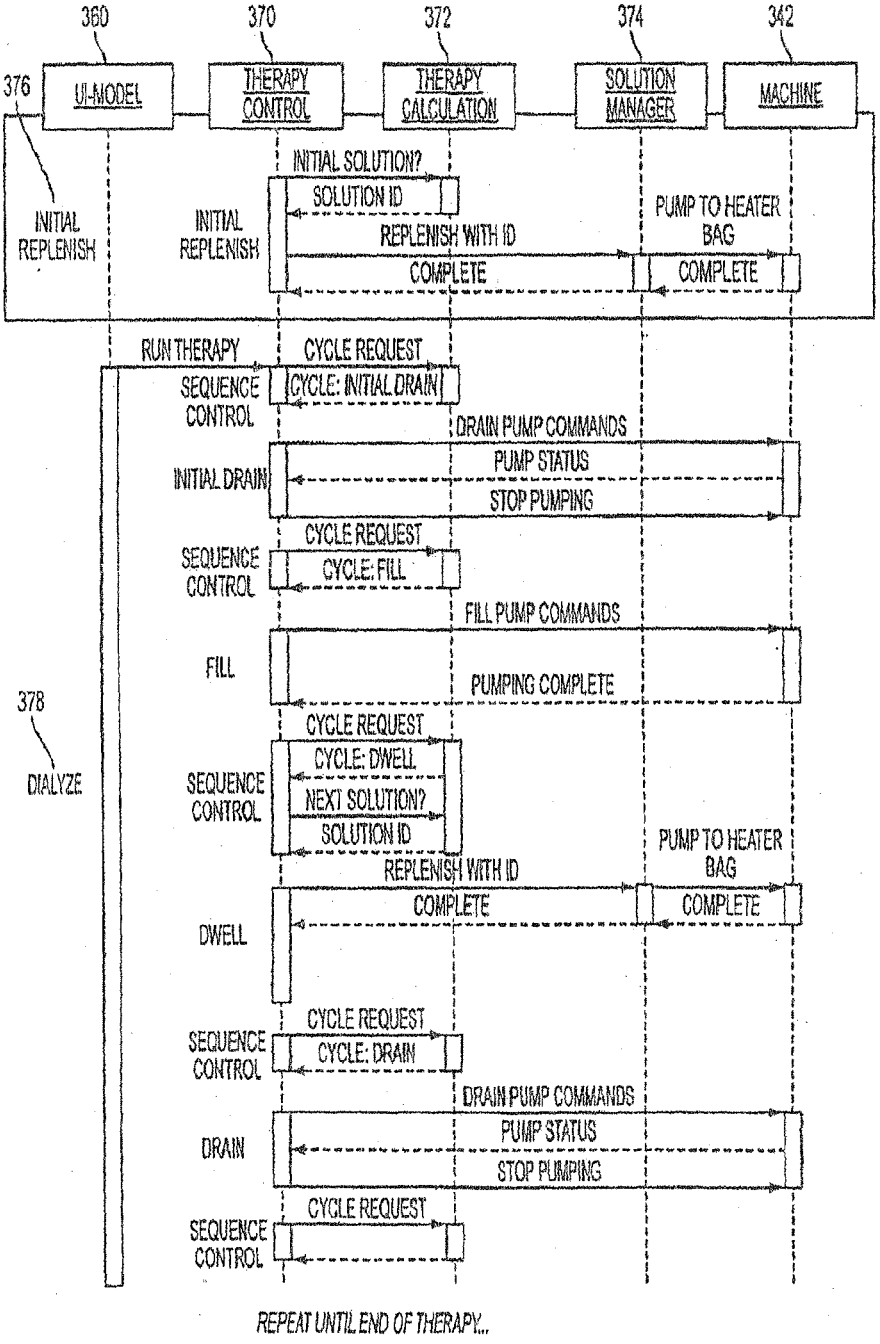

360
370
372
374
342
376
UI-MODEL
THERAPY CONTROL
THERAPY CALCULATION
SOLUTION MANAGER
MACHINE
INITIAL REPLENISH
INITIAL SOLUTION?
SOLUTION ID
INITIAL REPLENISH
REPLENISH WITH ID
PUMP TO HEATER BAG
COMPLETE
COMPLETE
RUN THERAPY
CYCLE REQUEST
SEQUENCE CONTROL
CYCLE: INITIAL DRAIN
DRAIN PUMP COMMANDS
INITIAL DRAIN
PUMP STATUS
STOP PUMPING
CYCLE REQUEST
SEQUENCE CONTROL
CYCLE: FILL
FILL PUMP COMMANDS
FILL
PUMPING COMPLETE
378
DIALYZE
CYCLE REQUEST
CYCLE: DWELL
SEQUENCE CONTROL
NEXT SOLUTION?
SOLUTION ID
PUMP TO HEATER BAG
REPLENISH WITH ID
COMPLETE
COMPLETE
DWELL
CYCLE REQUEST
SEQUENCE CONTROL
CYCLE: DRAIN
DRAIN PUMP COMMANDS
DRAIN
PUMP STATUS
STOP PUMPING
CYCLE REQUEST
SEQUENCE CONTROL
REPEAT UNTIL END OF THERAPY...

FIG. 49

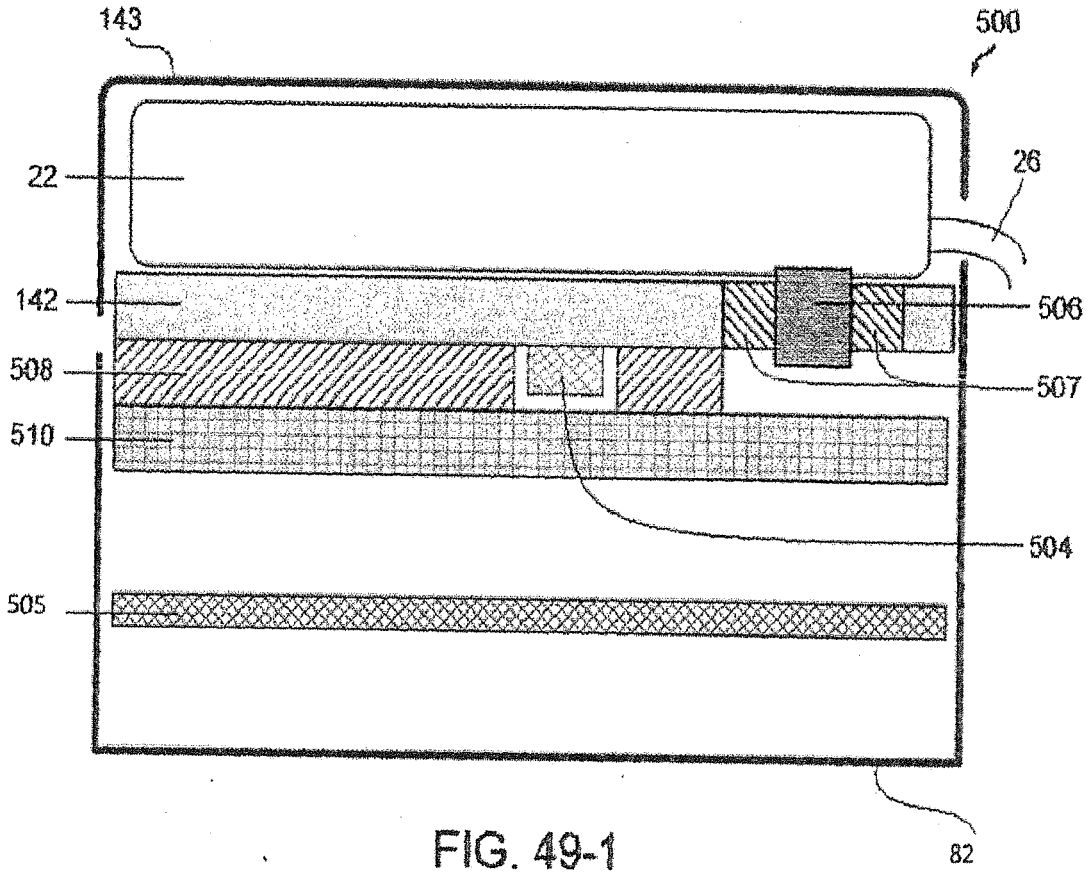


FIG. 49-1

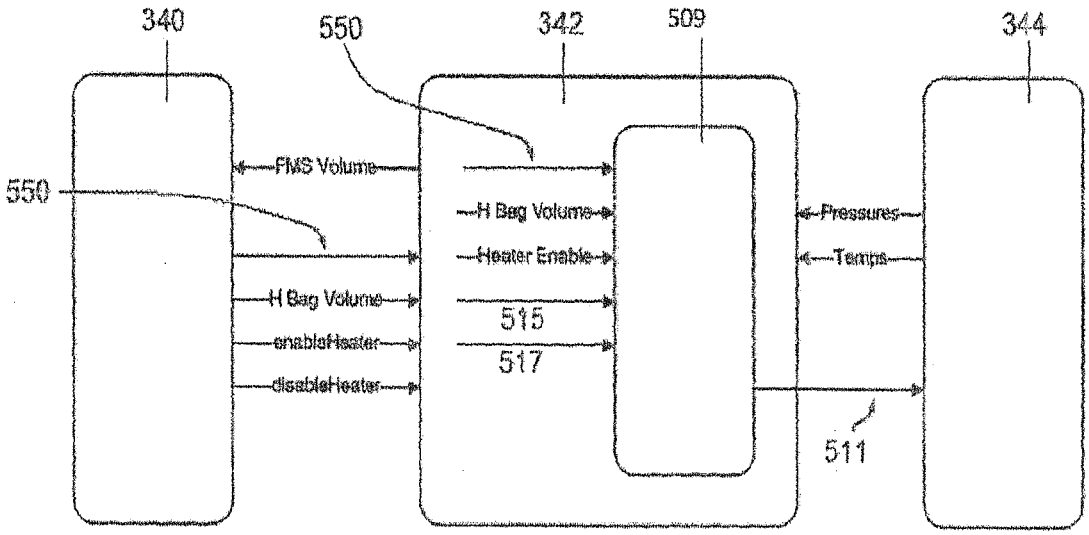

340
550
342
509
344
550
FMS Volume
H Bag Volume
Heater Enable
H Bag Volume
enableHeater
disableHeater
515
517
Pressures
Temps
511

FIG. 49-2

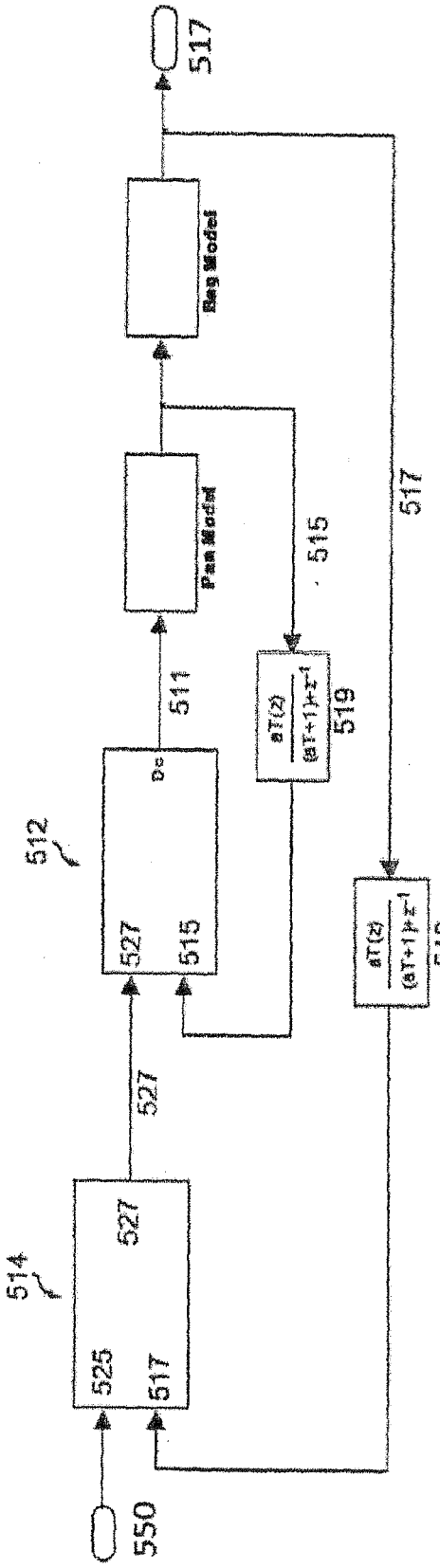

517
Bag Model
Pan Model
515
517
511
519
512
527
515
527
527
514
525
517
550
509

FIG. 49-3

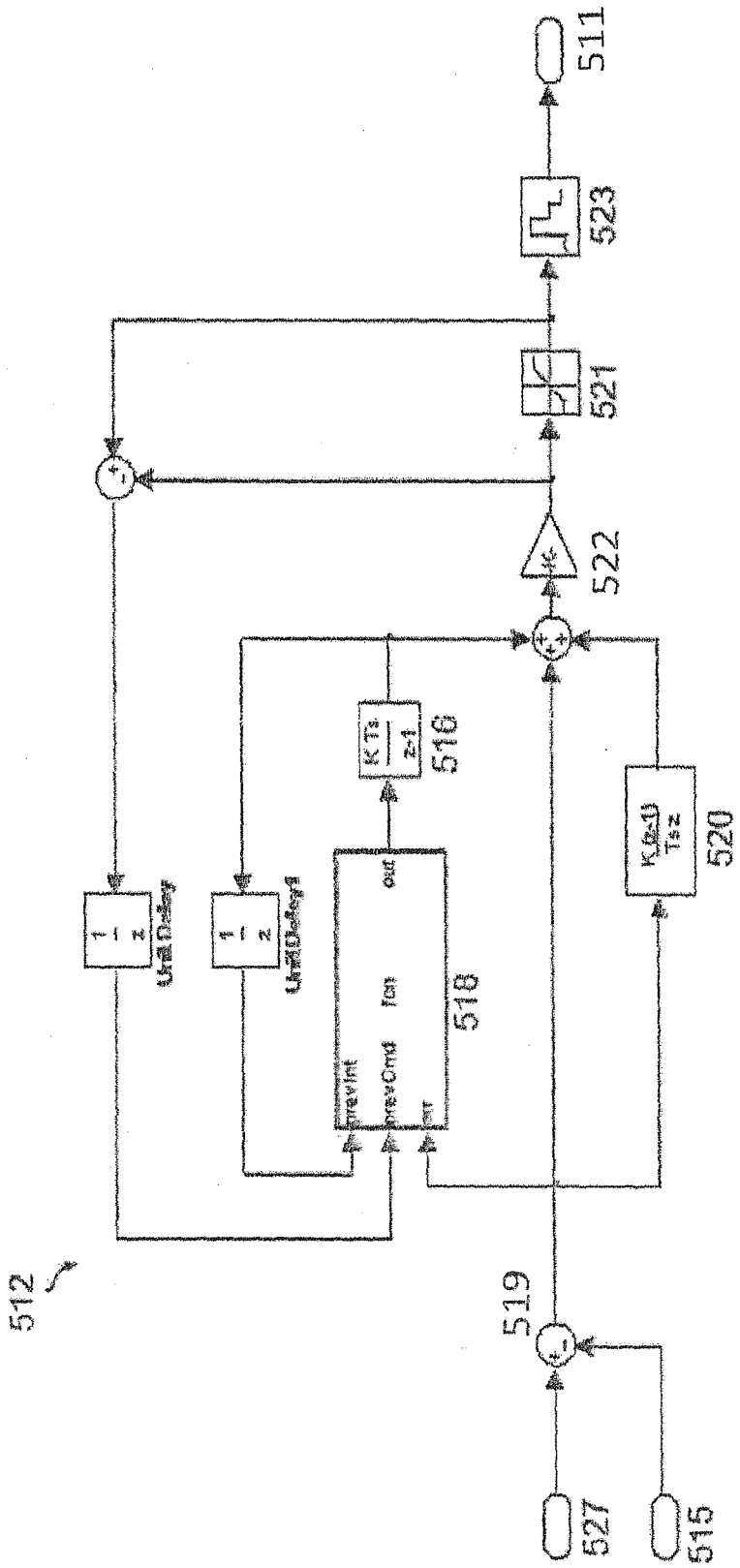

511
523
521
522
516
518
520
519
527
515
512
out
fan
prevInt
prevCmd
int

FIG. 49-4

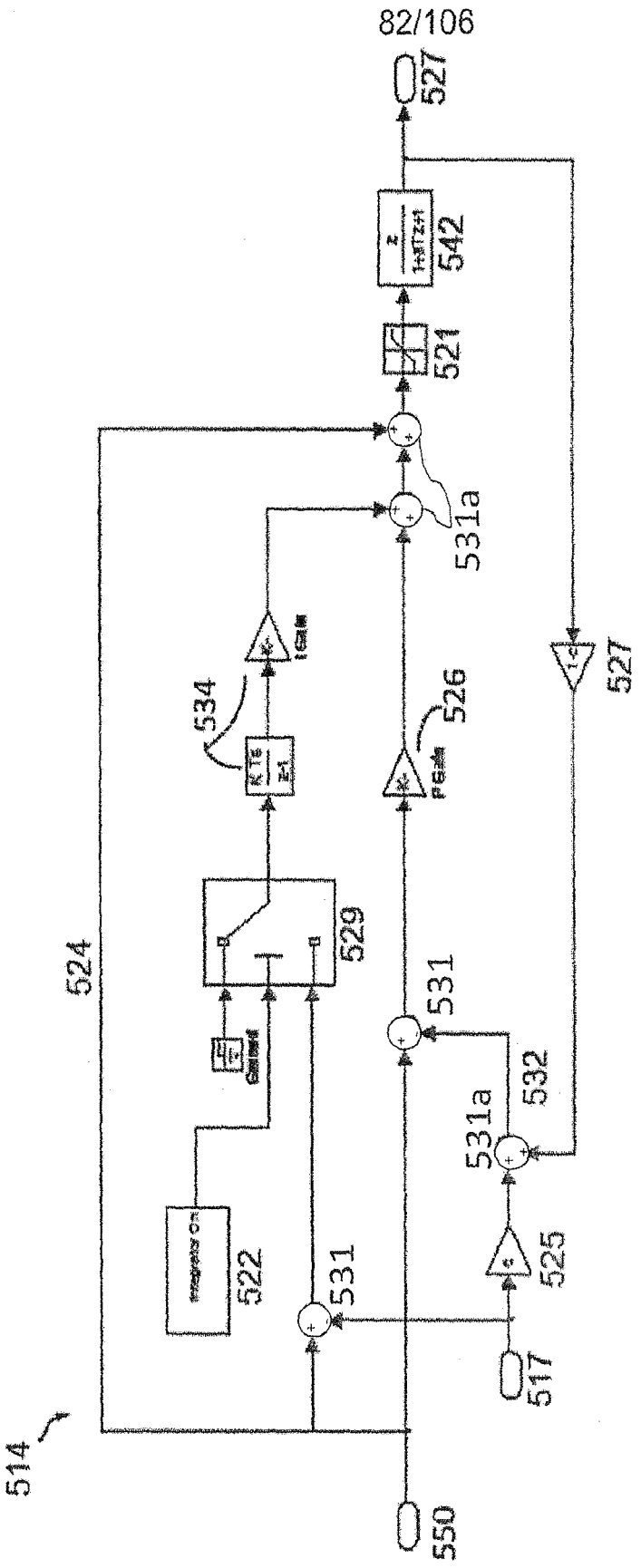


FIG. 49-5

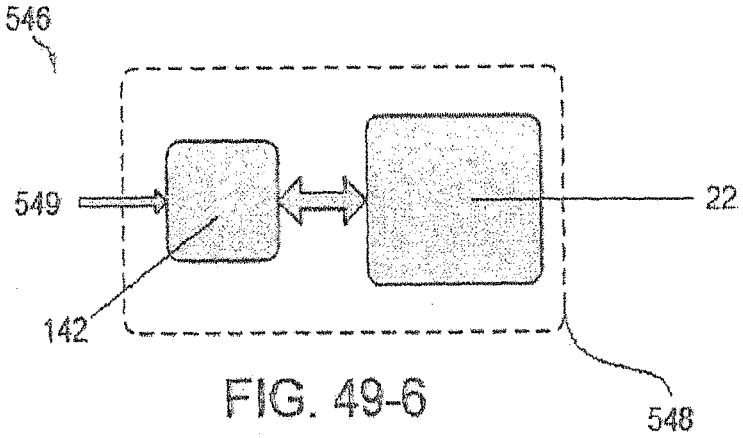


FIG. 49-6

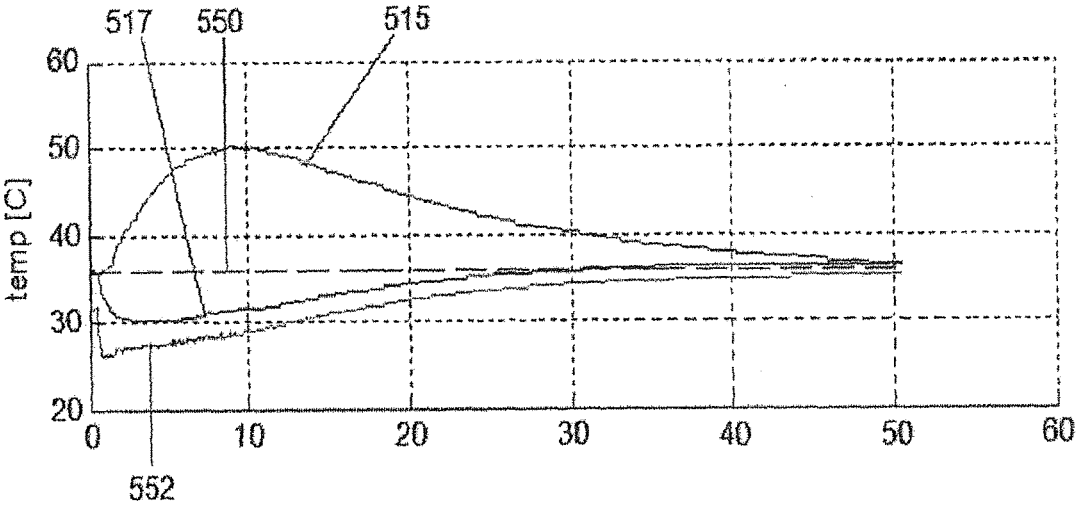


FIG. 49-7

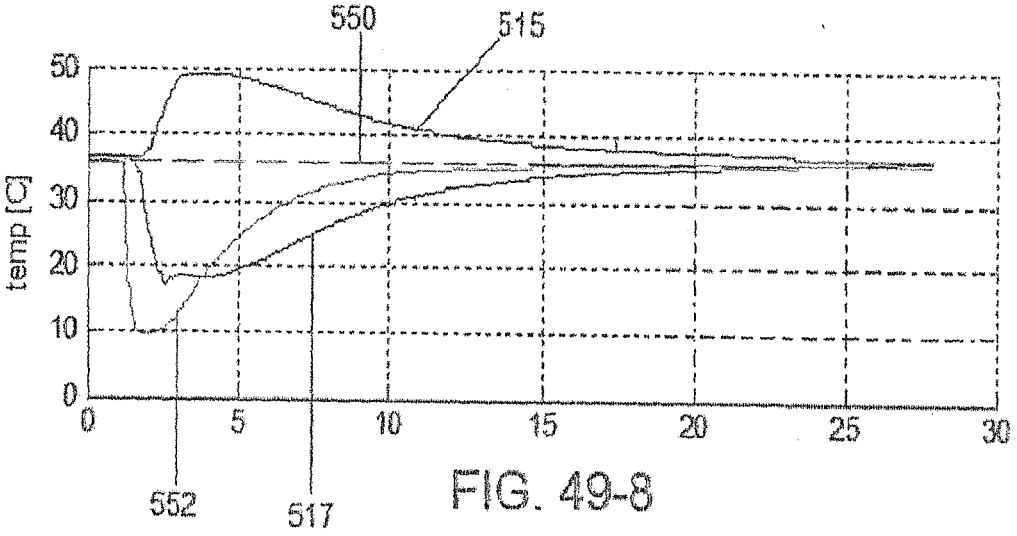


FIG. 49-8

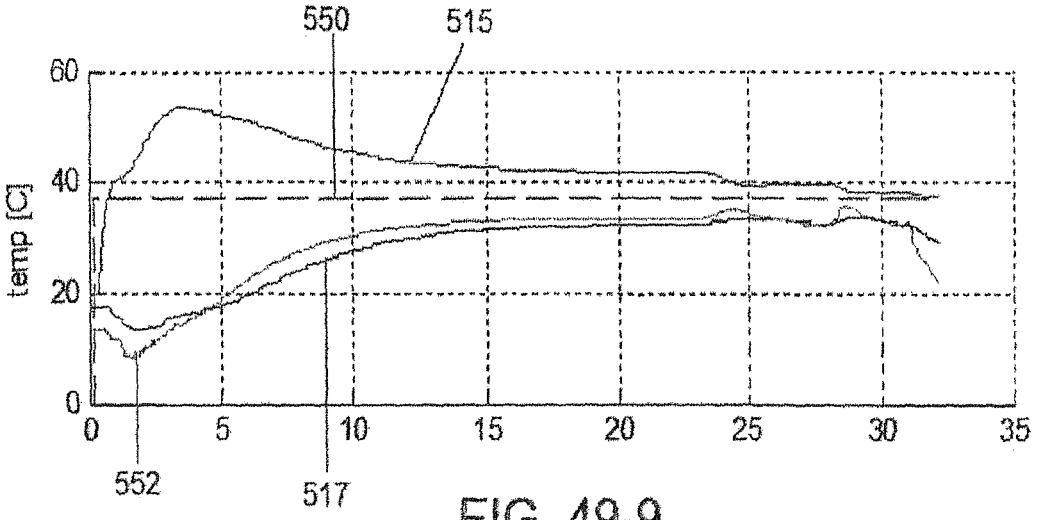


FIG. 49-9

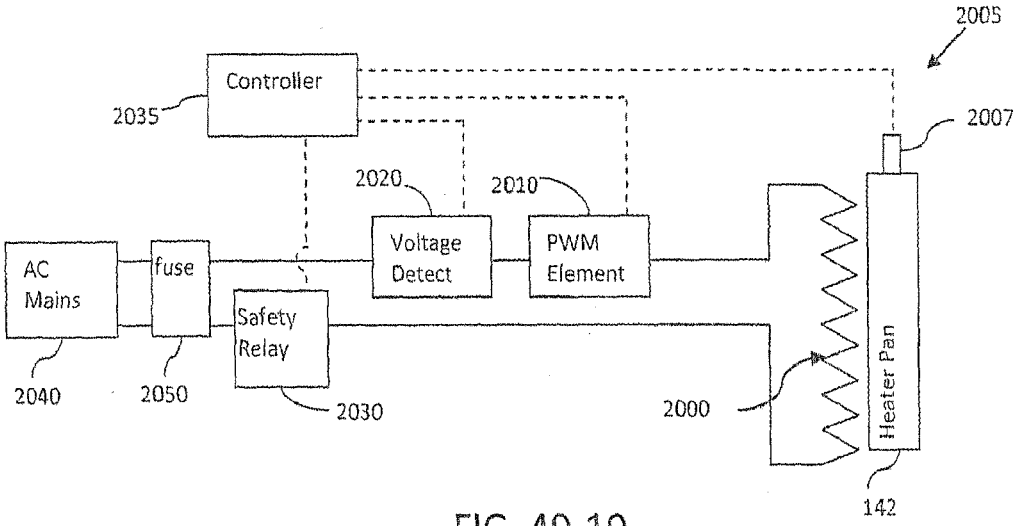


FIG. 49-10

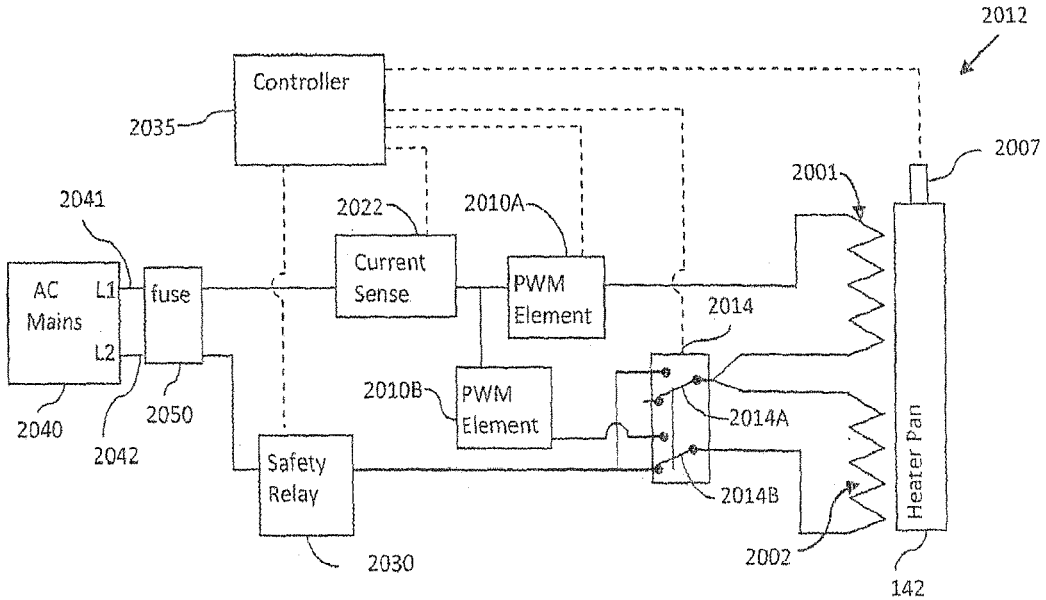


FIG. 49-11

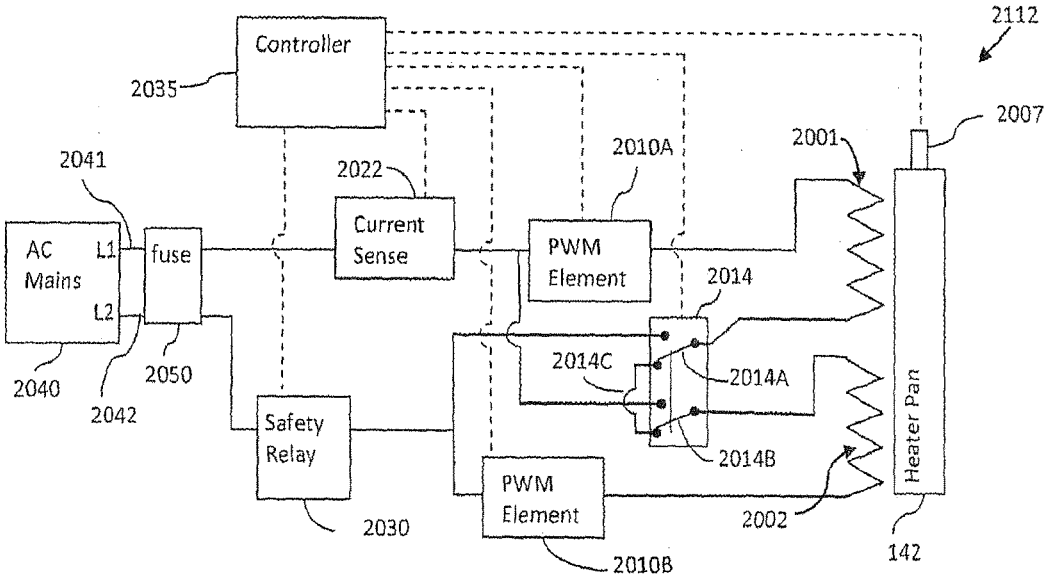


FIG. 49-12

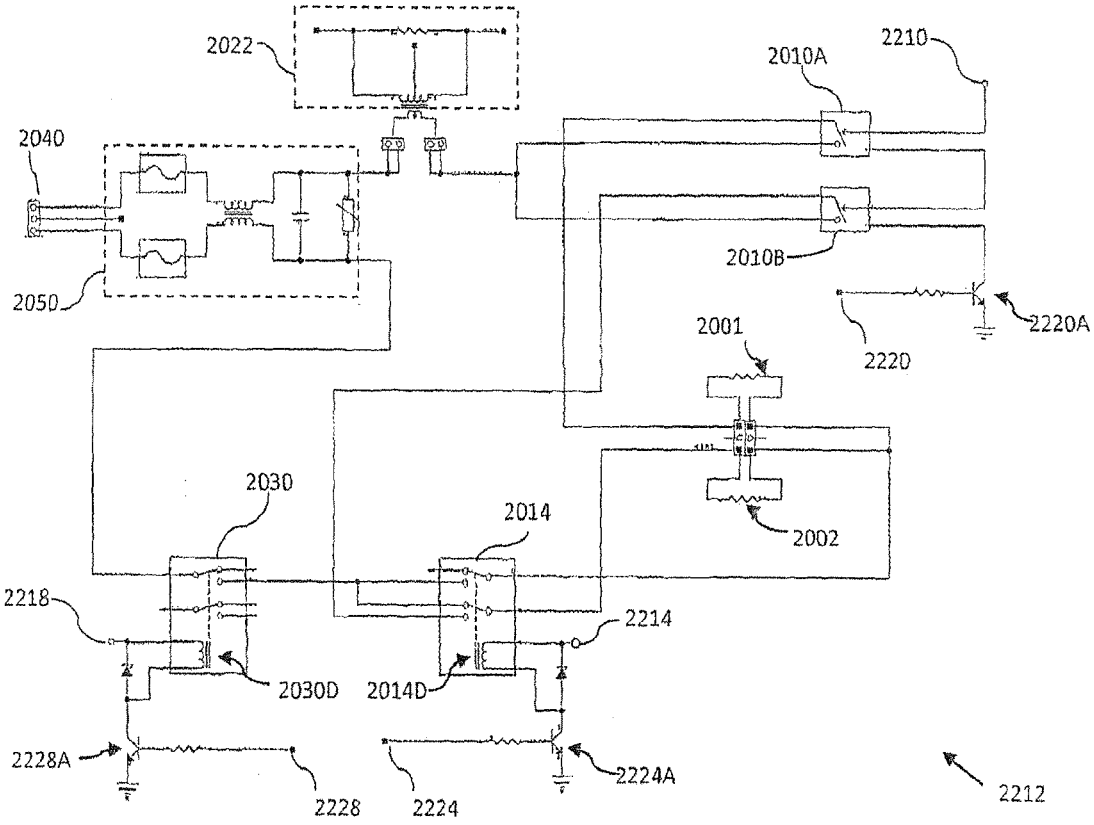


FIG. 49-13

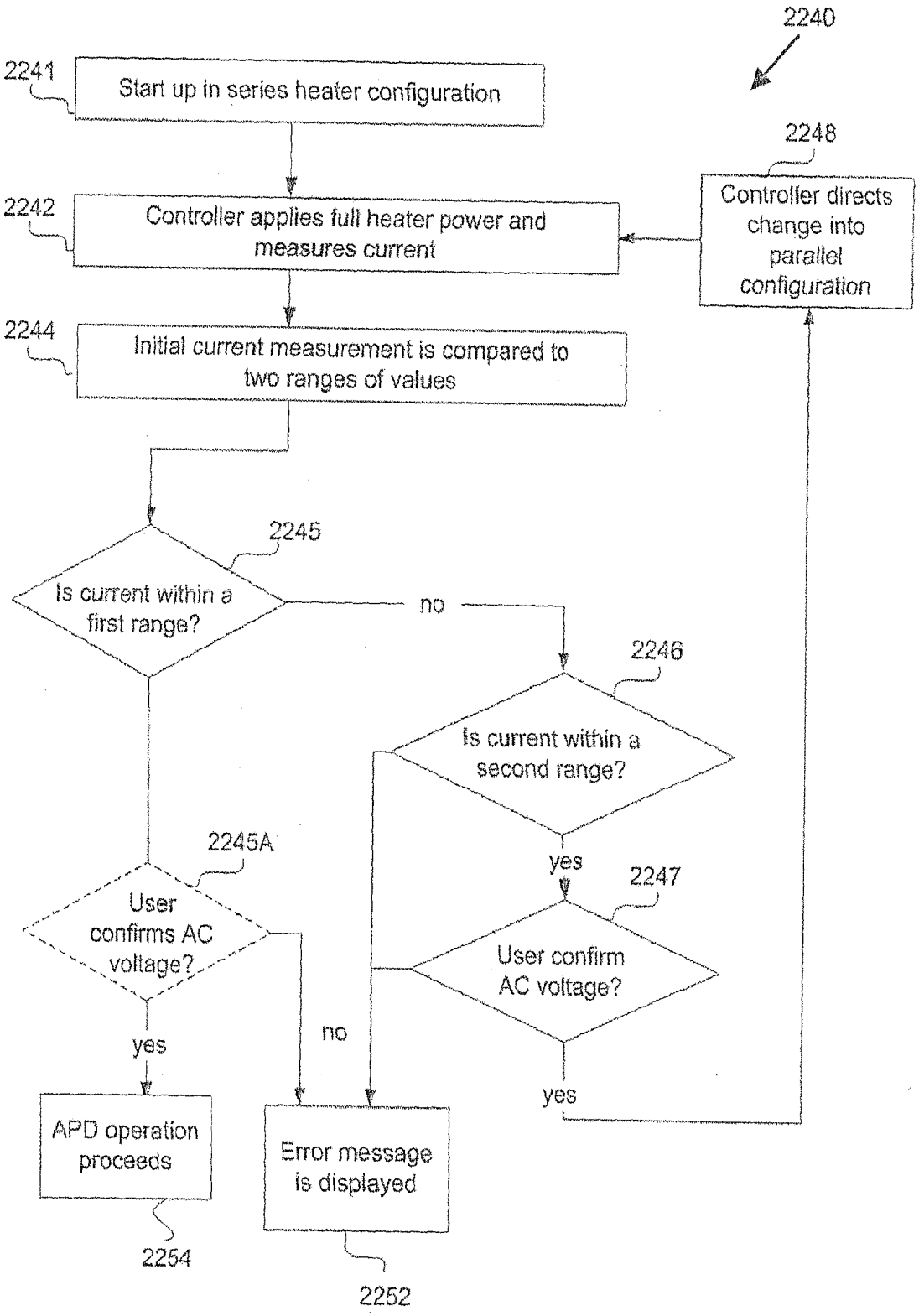

2240
2241
Start up in series heater configuration
2248
Controller directs change into parallel configuration
2242
Controller applies full heater power and measures current
2244
Initial current measurement is compared to two ranges of values
2245
Is current within a first range?
no
2246
Is current within a second range?
yes
2247
User confirm AC voltage?
yes
2245A
User confirms AC voltage?
yes
no
APD operation proceeds
2254
Error message is displayed
2252

FIG. 49-14

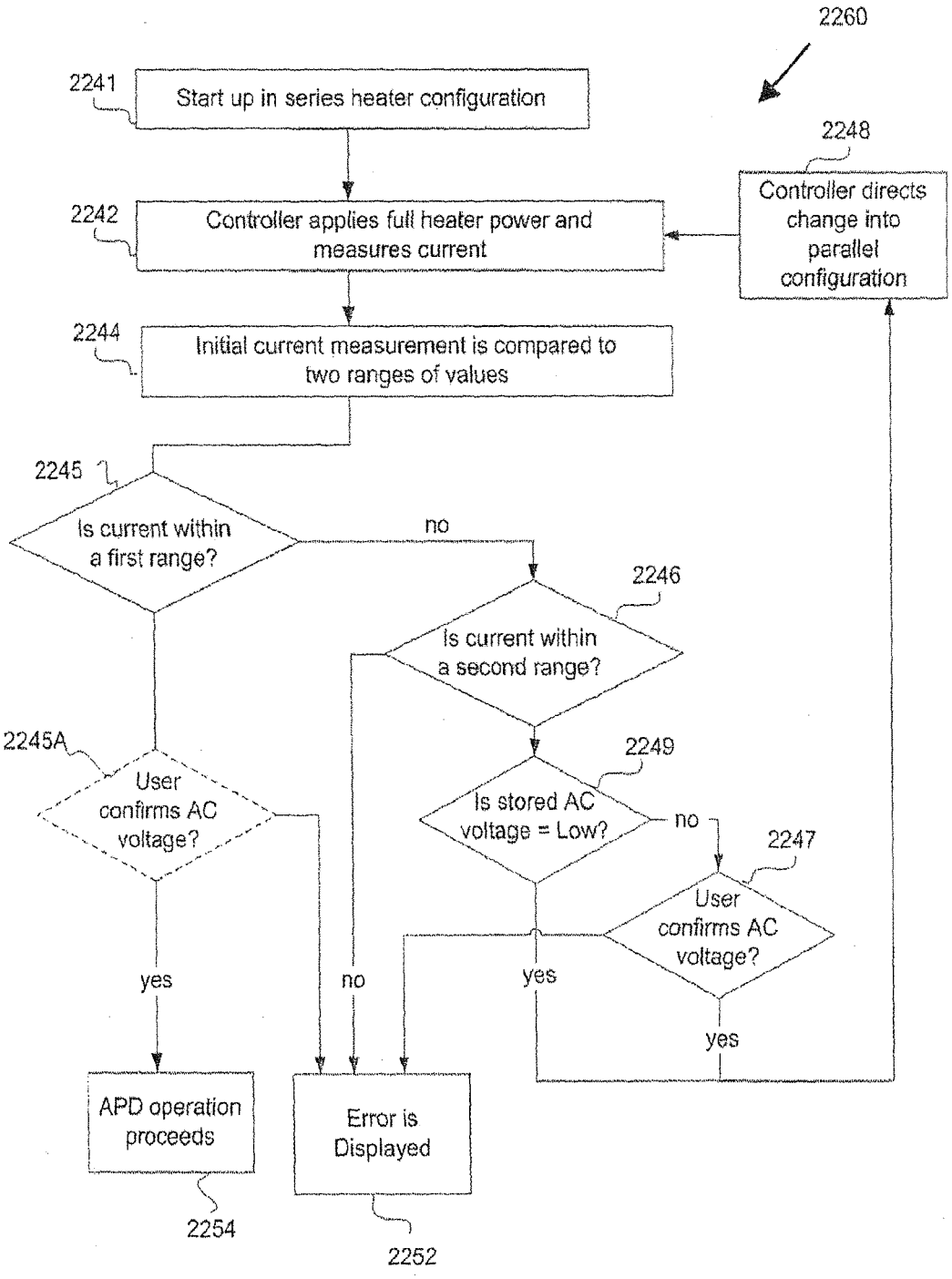

2260
2241
Start up in series heater configuration
2248
Controller directs change into parallel configuration
2242
Controller applies full heater power and measures current
2244
Initial current measurement is compared to two ranges of values
2245
Is current within a first range?
no
2246
Is current within a second range?
2245A
User confirms AC voltage?
2249
Is stored AC voltage = Low?
no
2247
User confirms AC voltage?
yes
no
yes
yes
APD operation proceeds
Error is Displayed
2254
2252

FIG. 49-15

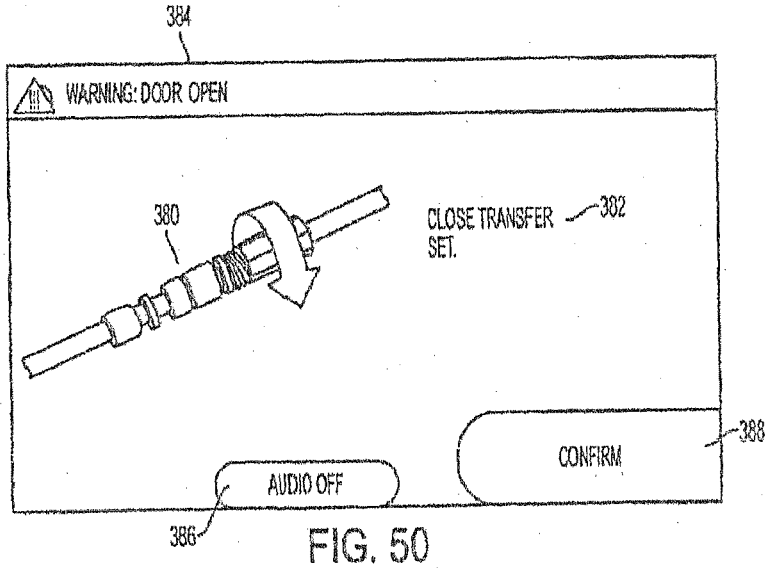

384
WARNING: DOOR OPEN
380
CLOSE TRANSFER SET.
382
388
CONFIRM
AUDIO OFF
386

FIG. 50

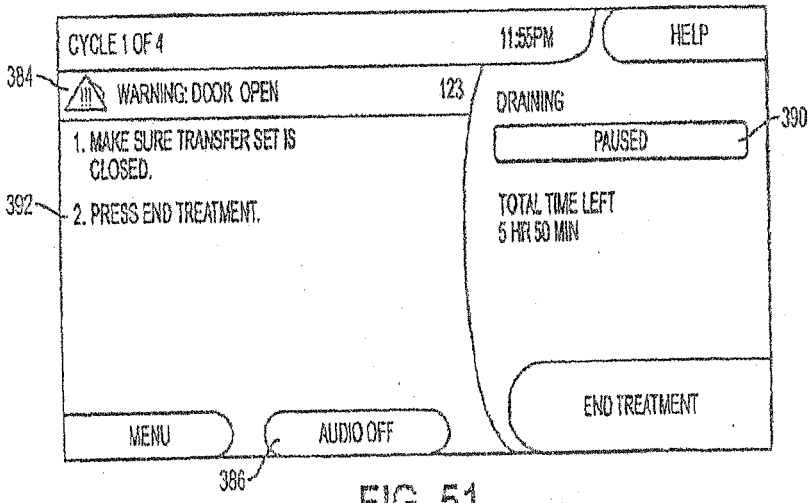

CYCLE 1 OF 4
11:55PM
HELP
384
WARNING: DOOR OPEN
123
DRAINING
390
PAUSED
1. MAKE SURE TRANSFER SET IS CLOSED.
392
2. PRESS END TREATMENT.
TOTAL TIME LEFT
5 HR 50 MIN
END TREATMENT
MENU
AUDIO OFF
386

FIG. 51

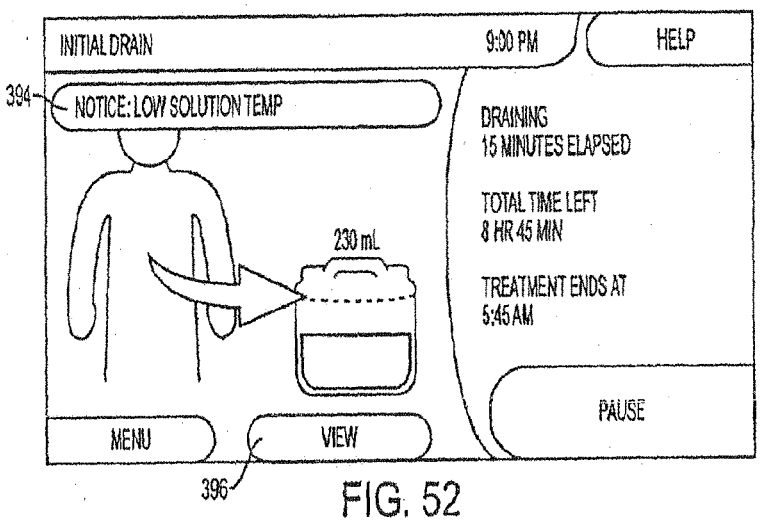

INITIAL DRAIN
9:00 PM
HELP
394
NOTICE: LOW SOLUTION TEMP
230 mL
DRAINING
15 MINUTES ELAPSED
TOTAL TIME LEFT
8 HR 45 MIN
TREATMENT ENDS AT
5:45 AM
PAUSE
MENU
VIEW
396

FIG. 52

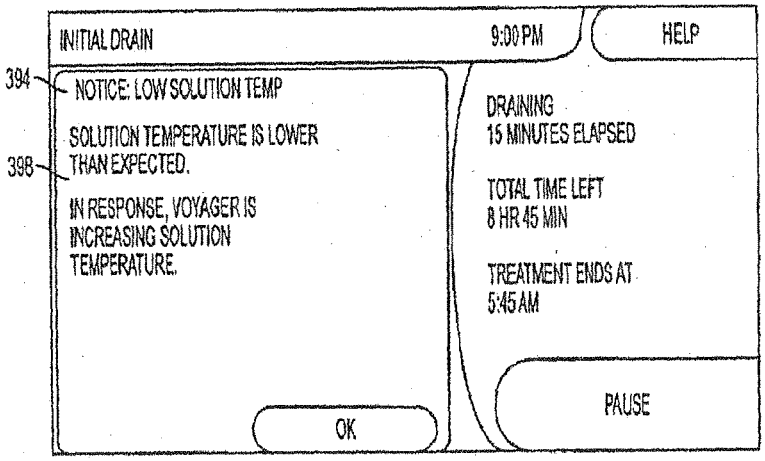

INITIAL DRAIN
9:00 PM
HELP
394
NOTICE: LOW SOLUTION TEMP
398
SOLUTION TEMPERATURE IS LOWER THAN EXPECTED.
IN RESPONSE, VOYAGER IS INCREASING SOLUTION TEMPERATURE.
DRAINING
15 MINUTES ELAPSED
TOTAL TIME LEFT
8 HR 45 MIN
TREATMENT ENDS AT
5:45 AM
PAUSE
OK

FIG. 53

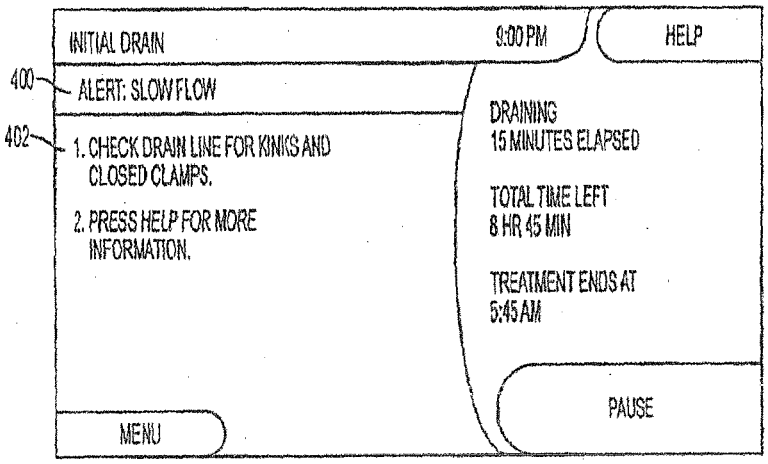

INITIAL DRAIN
9:00 PM
HELP
400
ALERT: SLOW FLOW
402
1. CHECK DRAIN LINE FOR KINKS AND CLOSED CLAMPS.
2. PRESS HELP FOR MORE INFORMATION.
DRAINING
15 MINUTES ELAPSED
TOTAL TIME LEFT
8 HR 45 MIN
TREATMENT ENDS AT
5:45 AM
PAUSE
MENU

FIG. 54

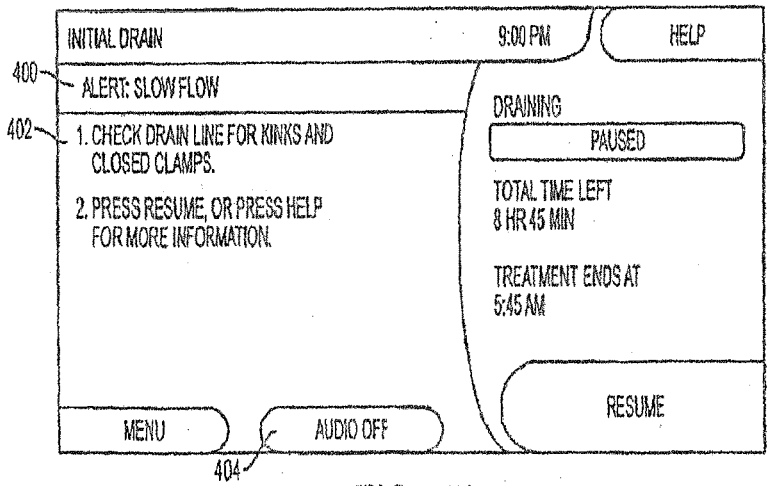

INITIAL DRAIN
9:00 PM
HELP
400
ALERT: SLOW FLOW
402
1. CHECK DRAIN LINE FOR KINKS AND CLOSED CLAMPS.
2. PRESS RESUME, OR PRESS HELP FOR MORE INFORMATION.
DRAINING
PAUSED
TOTAL TIME LEFT
8 HR 45 MIN
TREATMENT ENDS AT
5:45 AM
RESUME
MENU
AUDIO OFF
404

FIG. 55

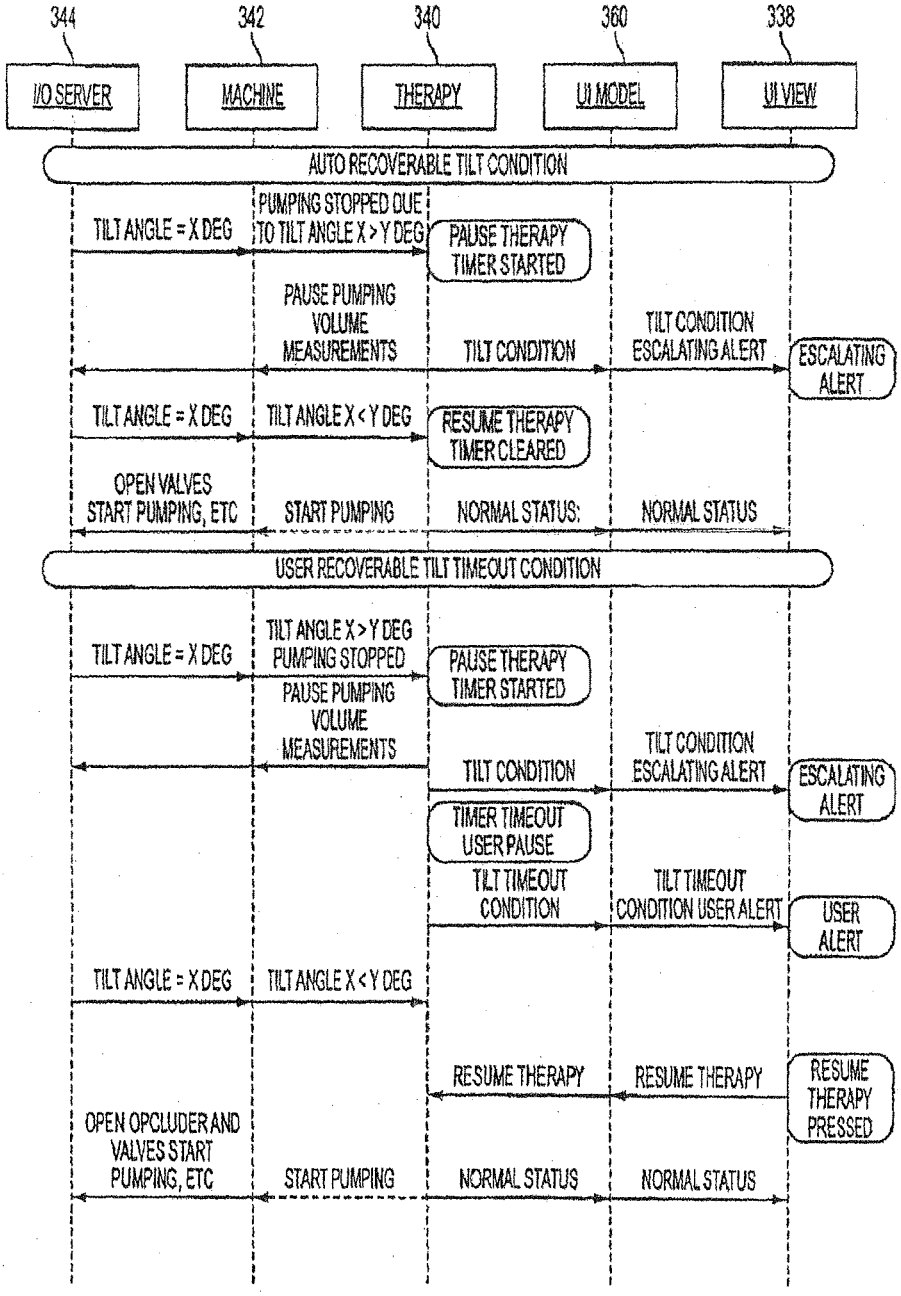

344
342
340
360
338
I/O SERVER
MACHINE
THERAPY
UI MODEL
UI VIEW
AUTO RECOVERABLE TILT CONDITION
TILT ANGLE = X DEG
PUMPING STOPPED DUE TO TILT ANGLE X > Y DEG
PAUSE THERAPY TIMER STARTED
PAUSE PUMPING VOLUME MEASUREMENTS
TILT CONDITION
TILT CONDITION ESCALATING ALERT
ESCALATING ALERT
TILT ANGLE = X DEG
TILT ANGLE X < Y DEG
RESUME THERAPY TIMER CLEARED
OPEN VALVES START PUMPING, ETC
START PUMPING
NORMAL STATUS:
NORMAL STATUS
USER RECOVERABLE TILT TIMEOUT CONDITION
TILT ANGLE = X DEG
TILT ANGLE X > Y DEG PUMPING STOPPED
PAUSE THERAPY TIMER STARTED
PAUSE PUMPING VOLUME MEASUREMENTS
TILT CONDITION
TILT CONDITION ESCALATING ALERT
ESCALATING ALERT
TIMER TIMEOUT USER PAUSE
TILT TIMEOUT CONDITION
TILT TIMEOUT CONDITION USER ALERT
USER ALERT
TILT ANGLE = X DEG
TILT ANGLE X < Y DEG
RESUME THERAPY
RESUME THERAPY
RESUME THERAPY PRESSED
OPEN OPCLUDER AND VALVES START PUMPING, ETC
START PUMPING
NORMAL STATUS
NORMAL STATUS

FIG. 56

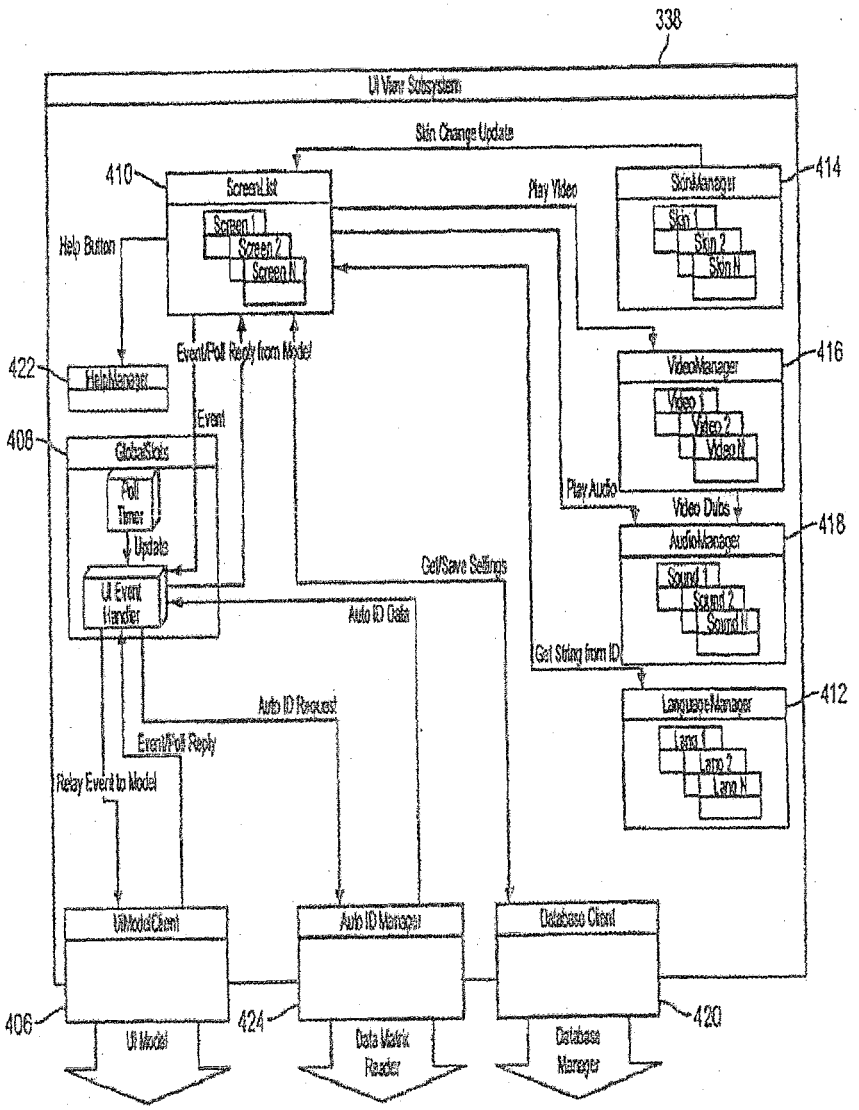

338
UI View Subsystem
Skin Change Update
410
ScreenList
Screen 1
Screen 2
Screen N
Help Button
Play Video
SkinManager
414
Skin 1
Skin 2
Skin N
422
HelpManager
Event/Poll Reply from Model
VideoManager
416
Video 1
Video 2
Video N
Event
406
GlobalStats
Poll Timer
Update
Play Audio
Video Dubs
AudioManager
418
Sound 1
Sound 2
Sound N
UI Event Handler
Get/Save Settings
Auto ID Data
Get String from ID
LanguageManager
412
Lang 1
Lang 2
Lang N
Auto ID Request
Event/Poll Reply
Relay Event to Model
UIModelClient
Auto ID Manager
DatabaseClient
406
424
420
UI Model
Data Matrix Reader
Database Manager

FIG. 57

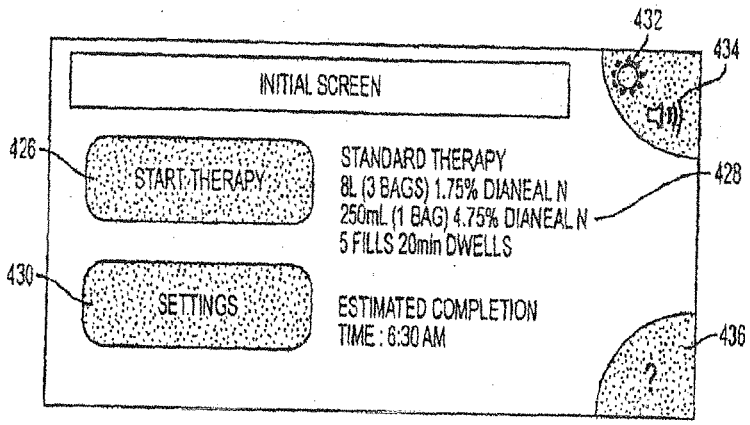

INITIAL SCREEN
START THERAPY
SETTINGS
STANDARD THERAPY
8L (3 BAGS) 1.75% DIANEAL N
250mL (1 BAG) 4.75% DIANEAL N
5 FILLS 20min DWELLS
ESTIMATED COMPLETION
TIME : 6:30 AM
?
426
428
430
432
434
436

FIG. 58

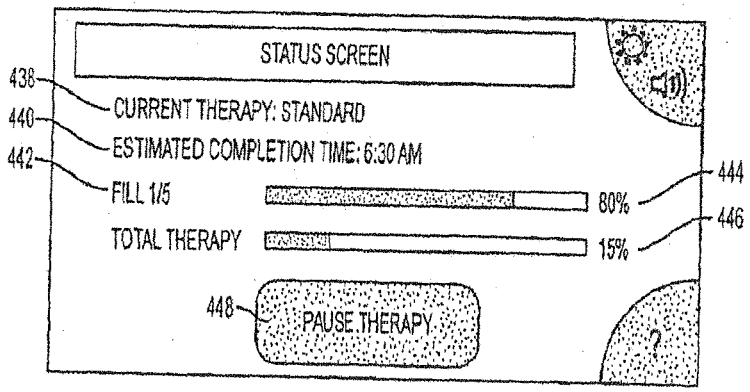

STATUS SCREEN
CURRENT THERAPY: STANDARD
ESTIMATED COMPLETION TIME: 6:30 AM
FILL 1/5
80%
TOTAL THERAPY
15%
PAUSE THERAPY
?
438
440
442
444
446
448

FIG. 59

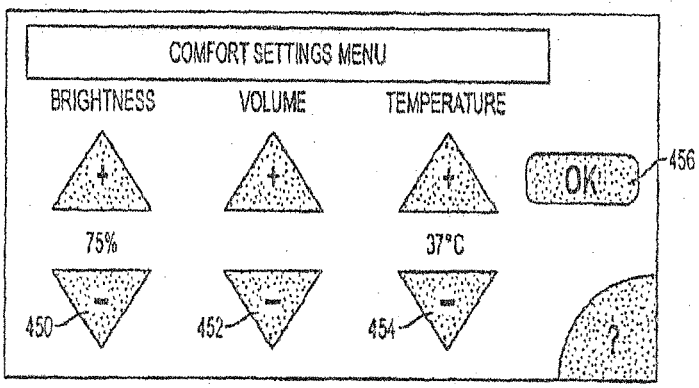

COMFORT SETTINGS MENU
BRIGHTNESS
VOLUME
TEMPERATURE
+
+
+
OK
456
75%
37°C
450
452
454
?

FIG. 60

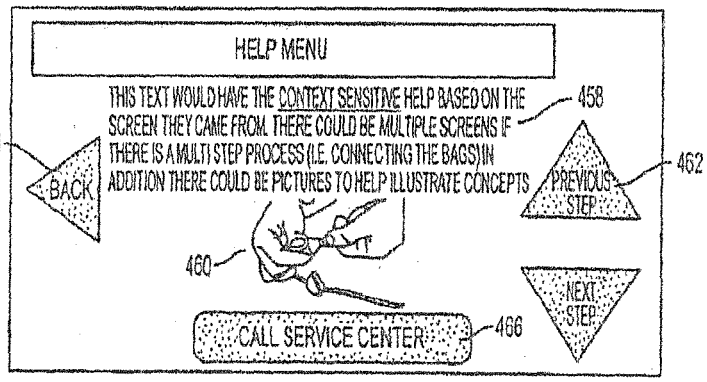

HELP MENU
THIS TEXT WOULD HAVE THE CONTEXT SENSITIVE HELP BASED ON THE SCREEN THEY CAME FROM. THERE COULD BE MULTIPLE SCREENS IF THERE IS A MULTI STEP PROCESS (I.E. CONNECTING THE BAGS)IN ADDITION THERE COULD BE PICTURES TO HELP ILLUSTRATE CONCEPTS
458
464
BACK
PREVIOUS STEP
462
460
NEXT STEP
CALL SERVICE CENTER
466

FIG. 61

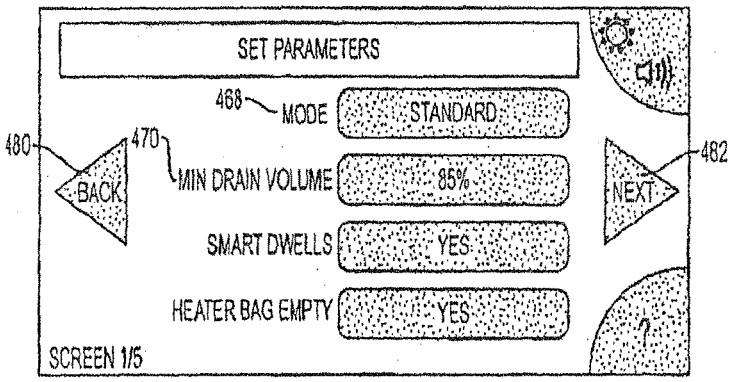

SET PARAMETERS
468
MODE
STANDARD
480
470
BACK
MIN DRAIN VOLUME
85%
482
NEXT
SMART DWELLS
YES
HEATER BAG EMPTY
YES
SCREEN 1/5

FIG. 62

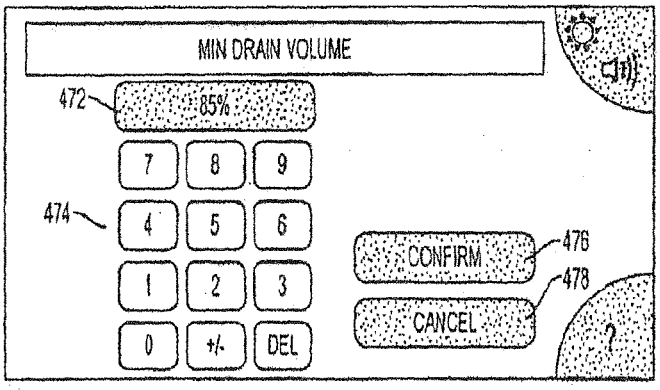

MIN DRAIN VOLUME
472
85%
7
8
9
474
4
5
6
1
2
3
0
+/-
DEL
CONFIRM
476
478
CANCEL

FIG. 63

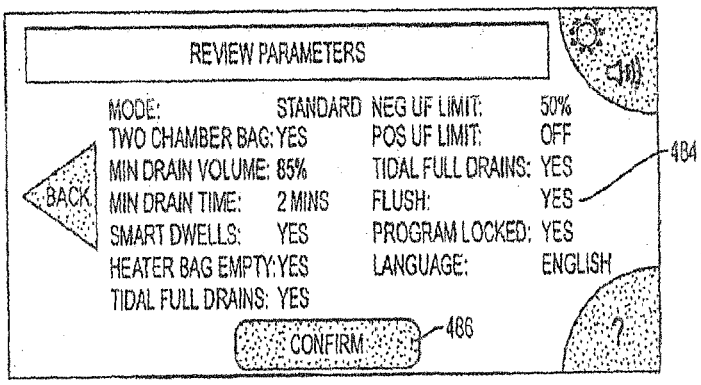

REVIEW PARAMETERS
MODE: STANDARD
TWO CHAMBER BAG: YES
MIN DRAIN VOLUME: 85%
MIN DRAIN TIME: 2 MINS
SMART DWELLS: YES
HEATER BAG EMPTY: YES
TIDAL FULL DRAINS: YES
NEG UF LIMIT: 50%
POS UF LIMIT: OFF
TIDAL FULL DRAINS: YES
FLUSH: YES
PROGRAM LOCKED: YES
LANGUAGE: ENGLISH
BACK
CONFIRM
484
486
?

FIG. 64

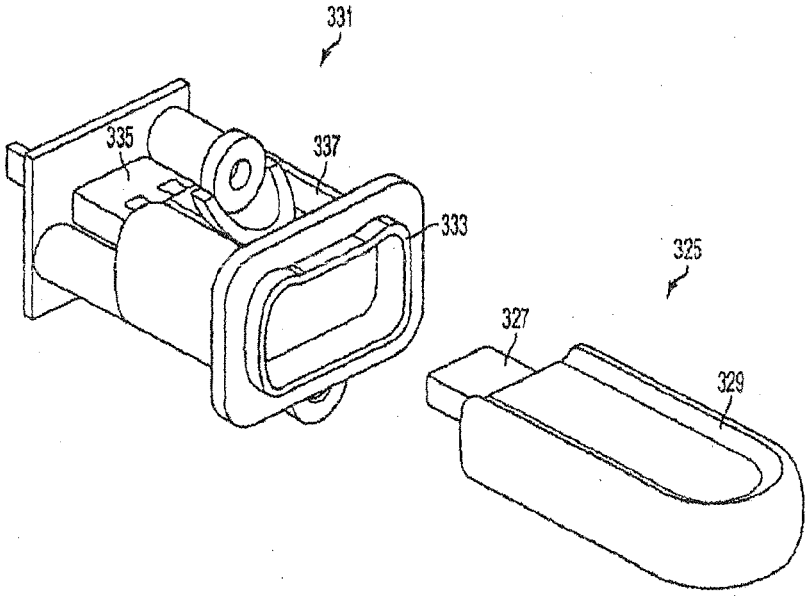


FIG. 65

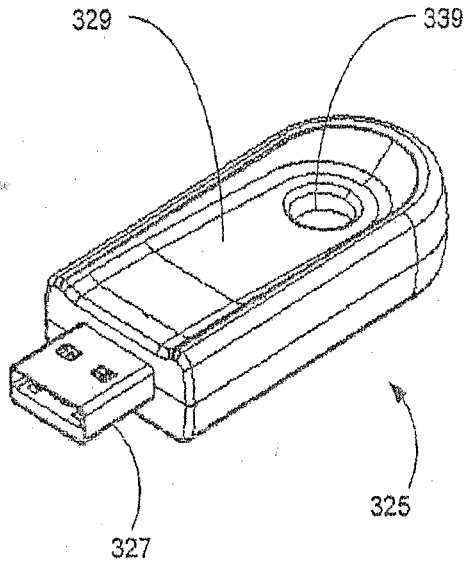


FIG. 65A

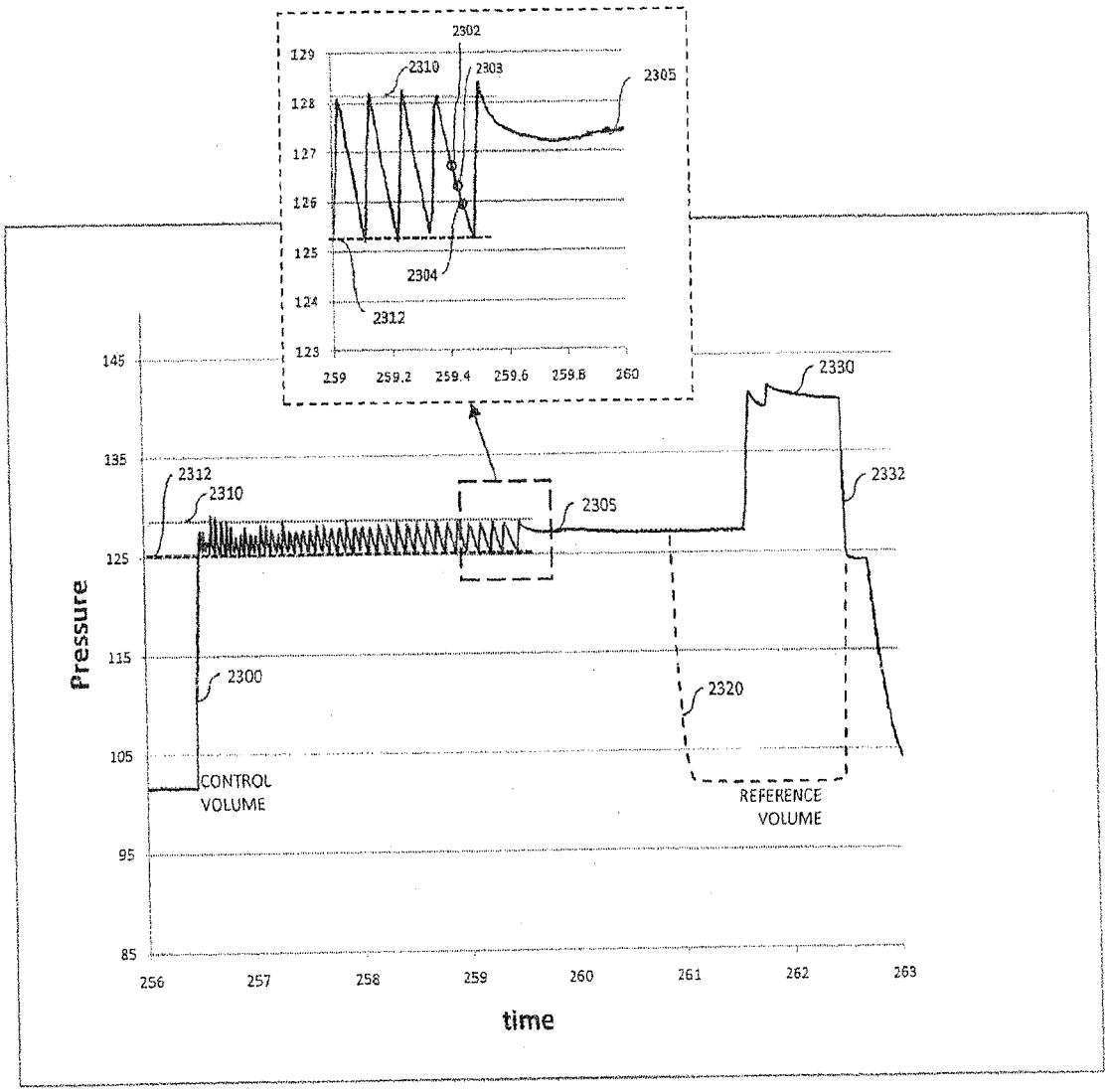

2302
2310
2303
2305
2304
2312
2330
2332
2312
2310
2305
2300
2320
CONTROL VOLUME
REFERENCE VOLUME
Pressure
time

Fig. 66

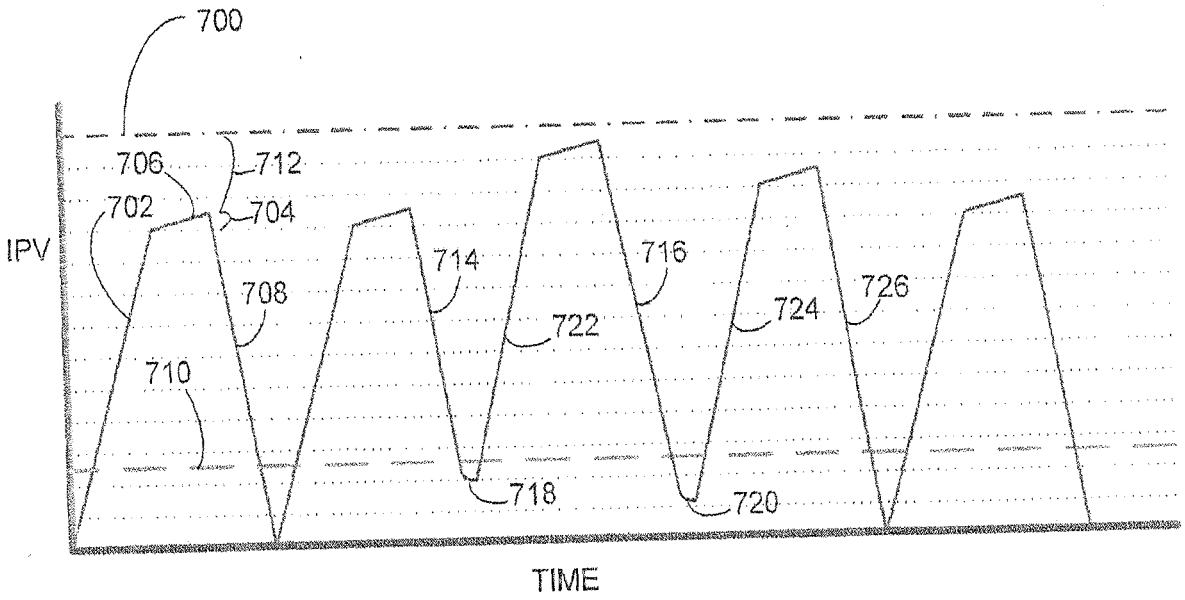


FIG. 67

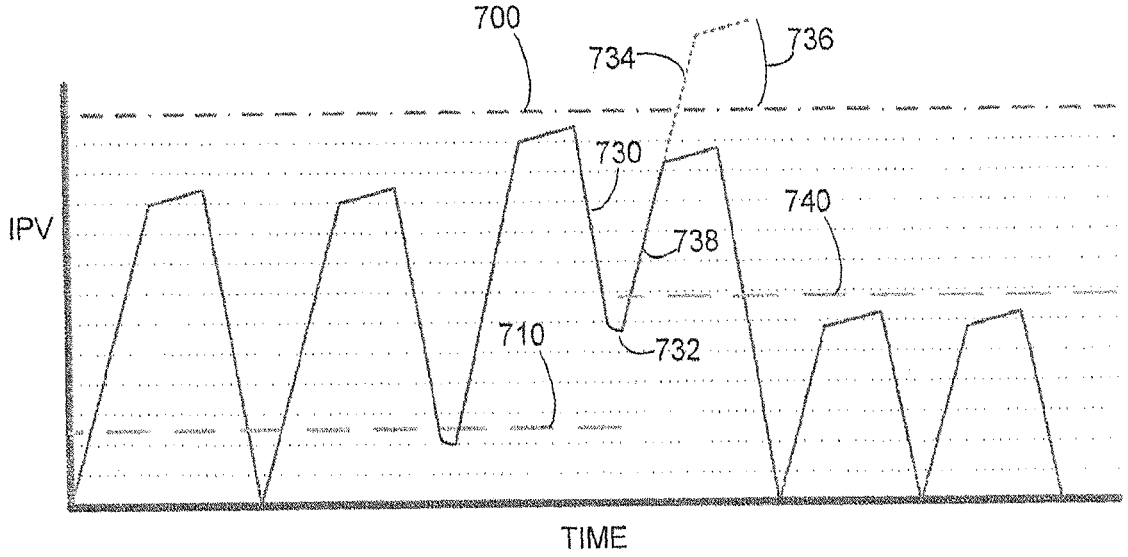


FIG. 68

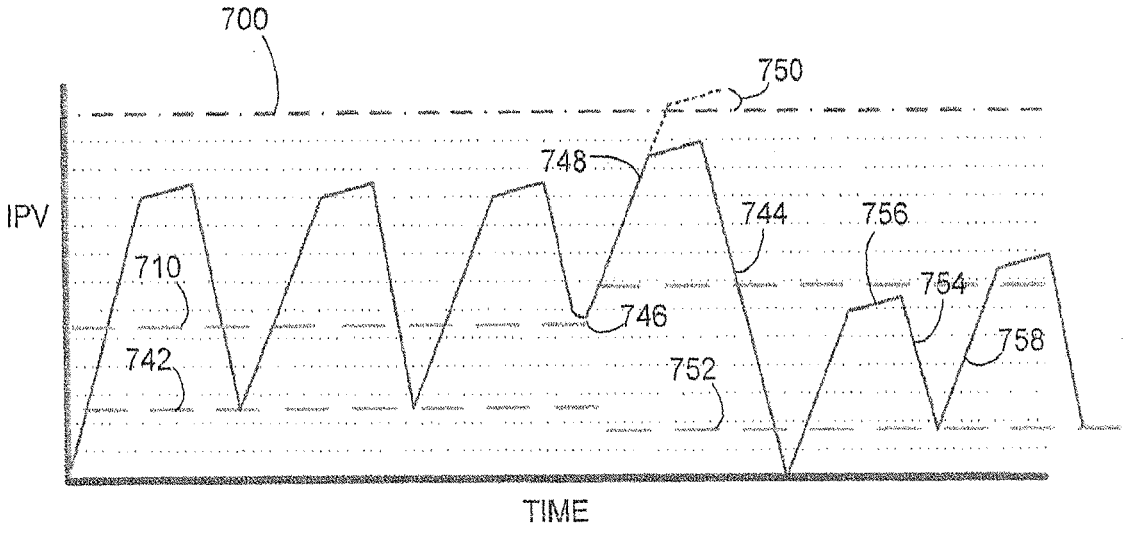


FIG. 69

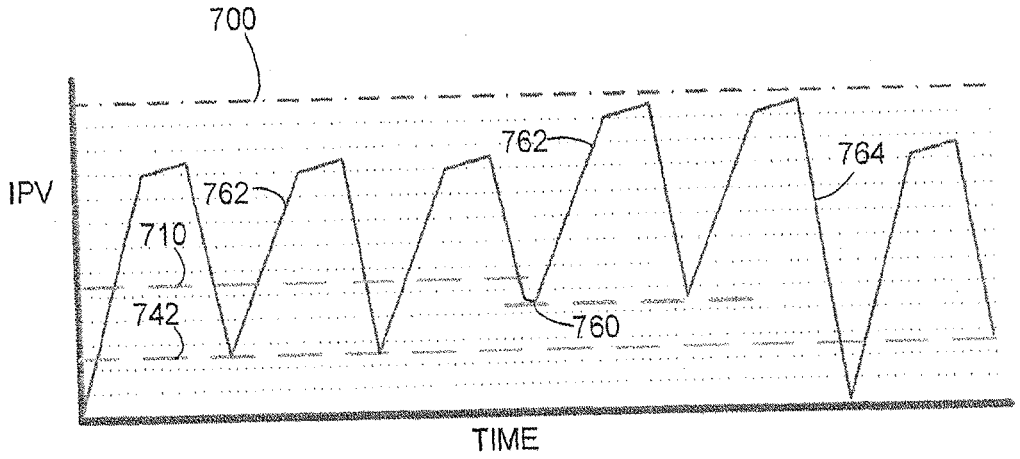


FIG. 70