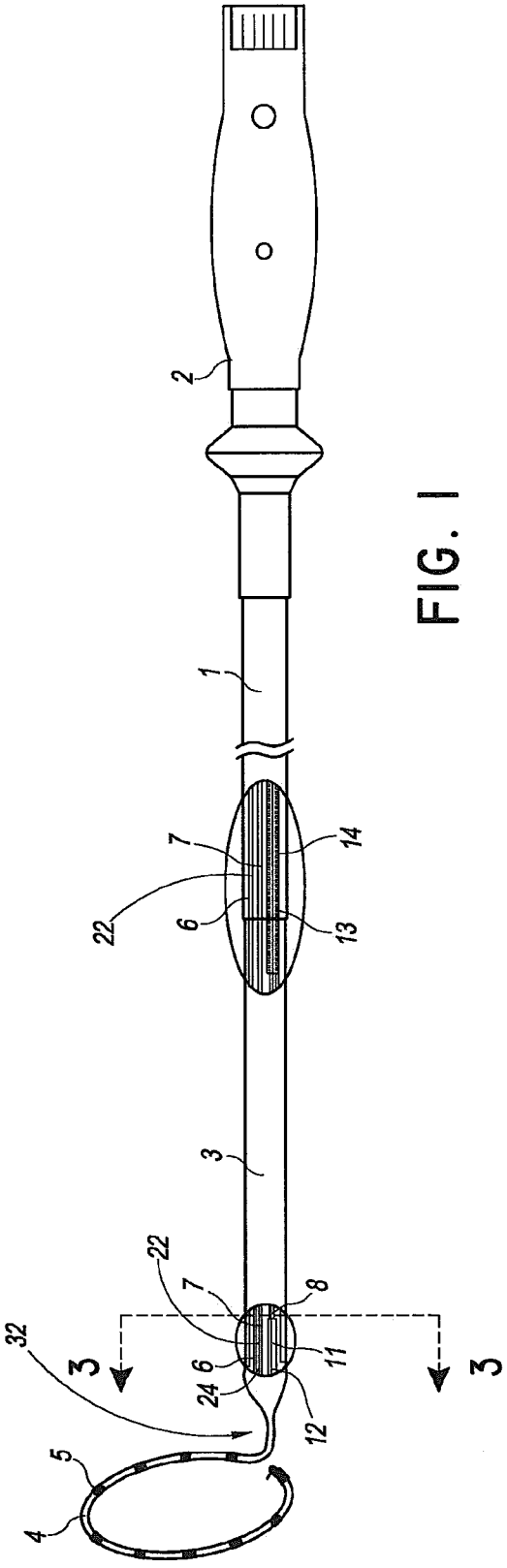


FIG. 1

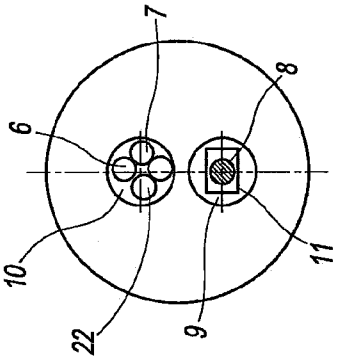


FIG. 3

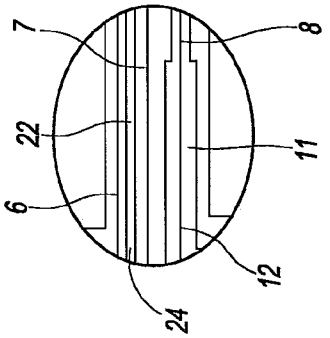


FIG. 2

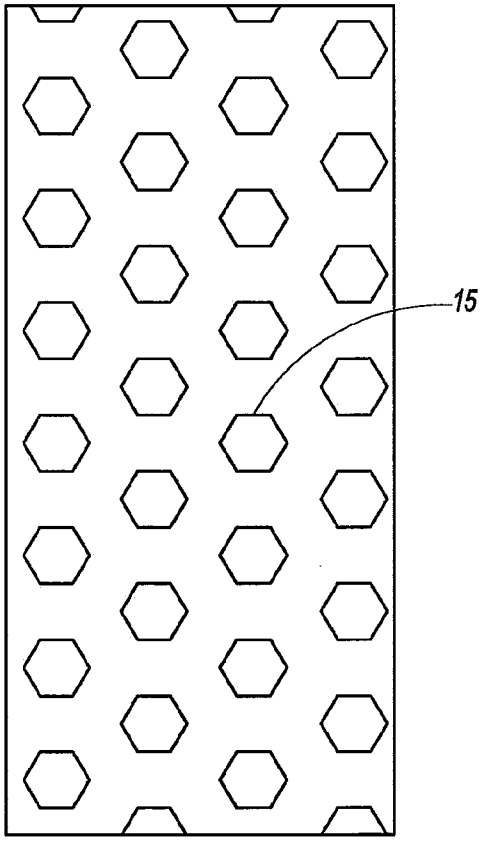


FIG. 4

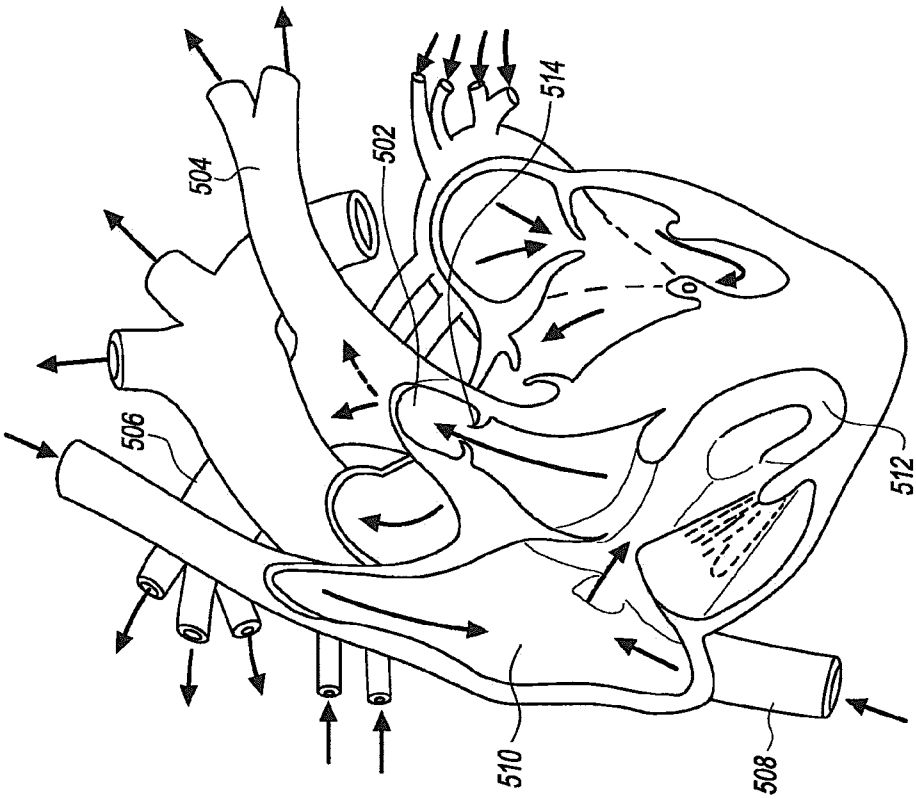


FIG. 5

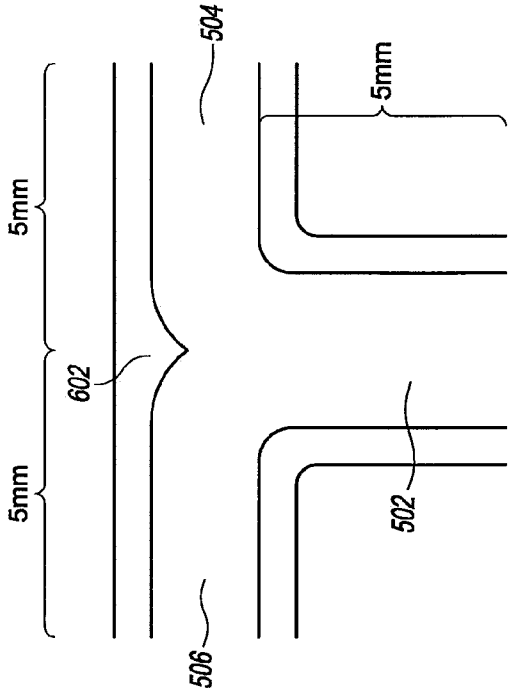


FIG. 6

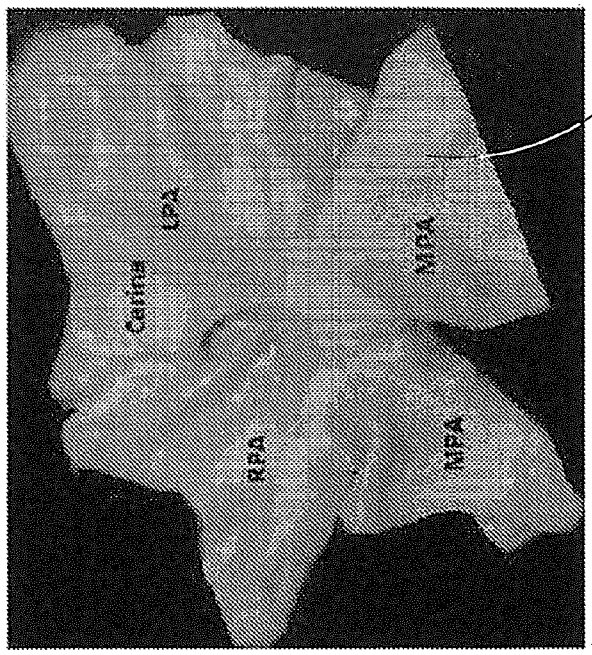


FIG. 7B

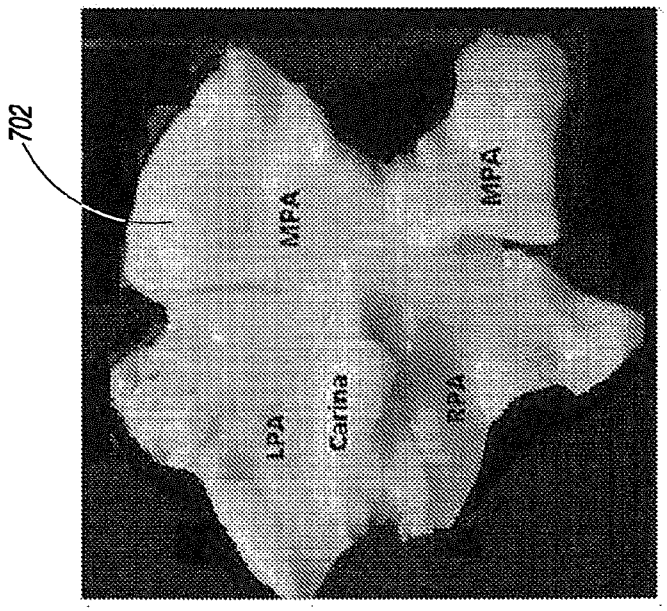


FIG. 7A

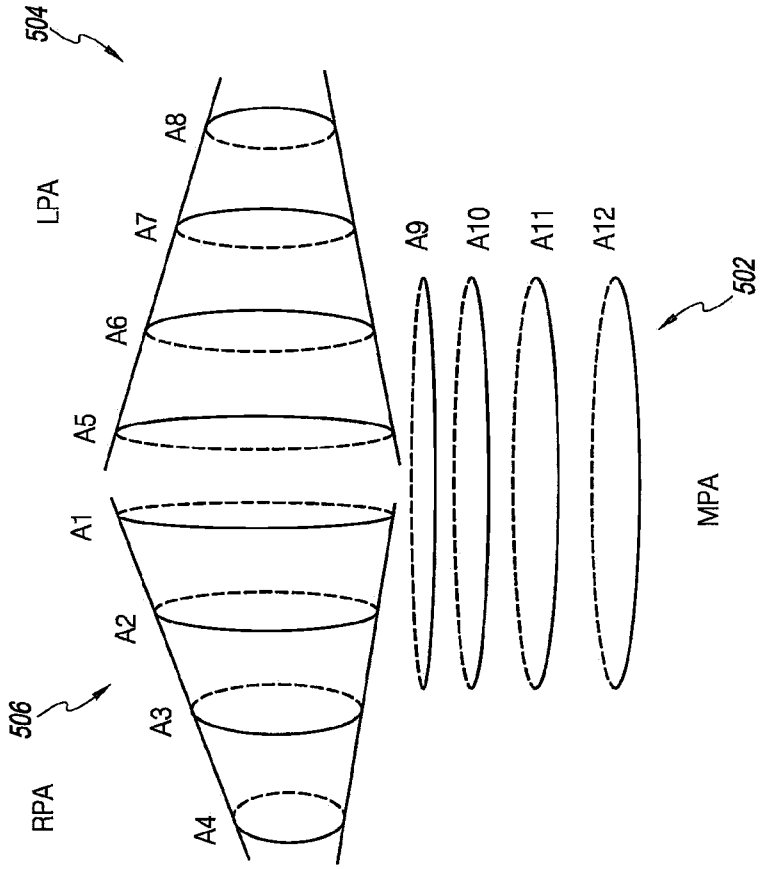


FIG. 8

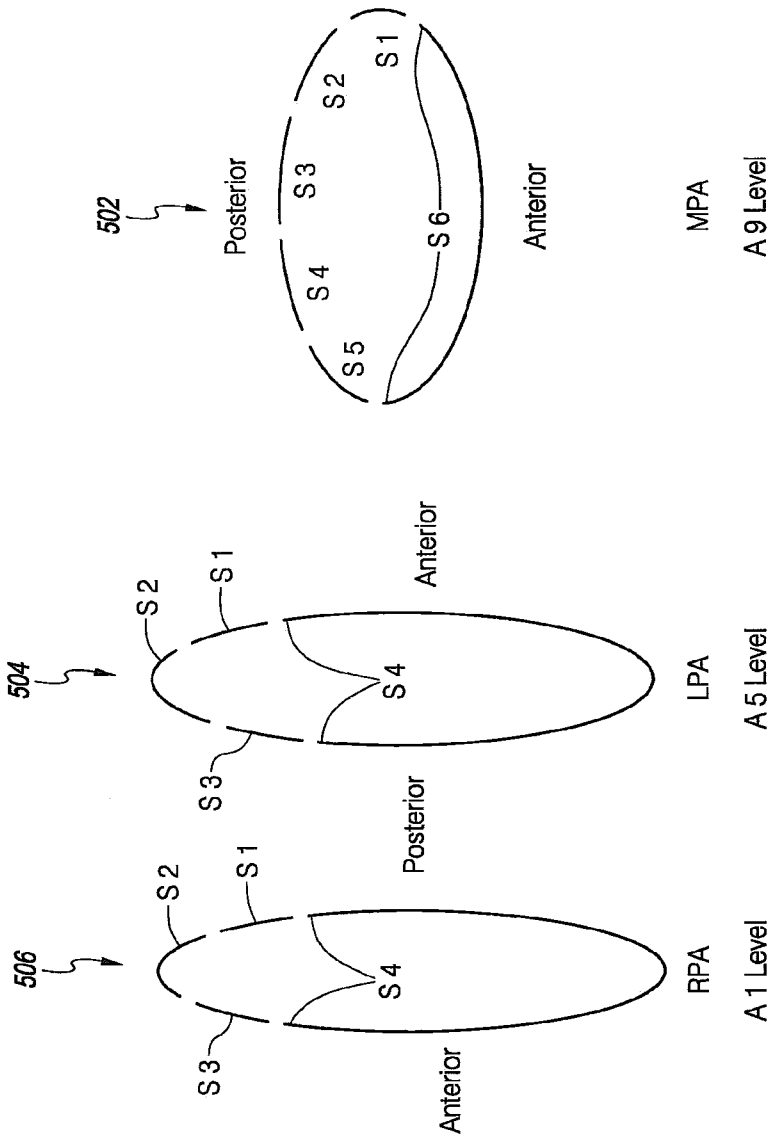

502
Posterior
S 1
S 2
S 3
S 4
S 5
S 6
Anterior
MPA
A 9 Level
504
S 2
S 1
S 4
S 3
Anterior
Posterior
LPA
A 5 Level
506
S 2
S 1
S 4
S 3
Anterior
RPA
A 1 Level

FIG. 9

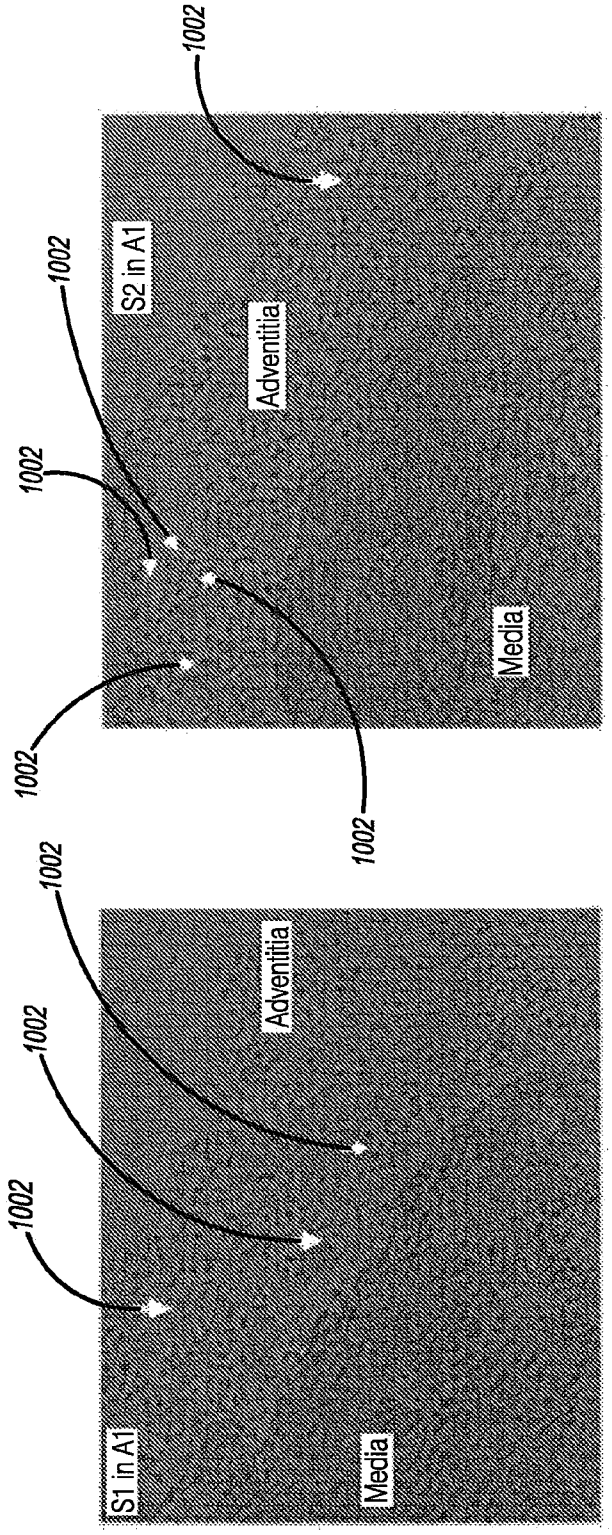


FIG. 10B

FIG. 10A

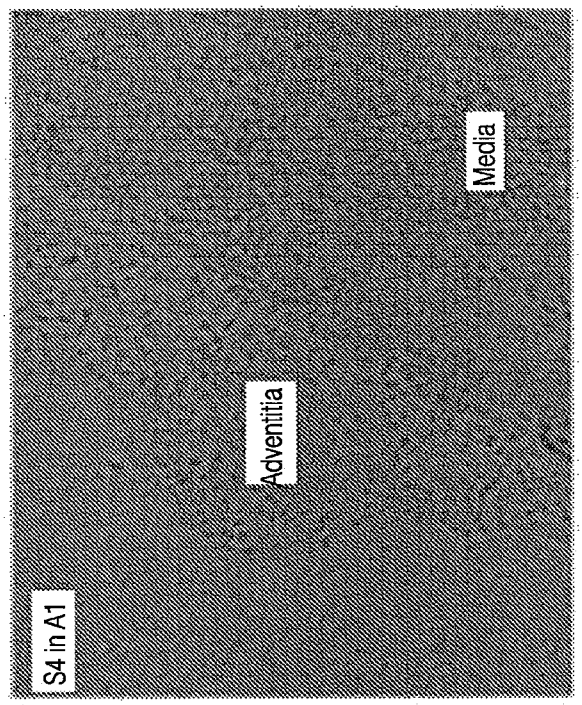


FIG. 10D

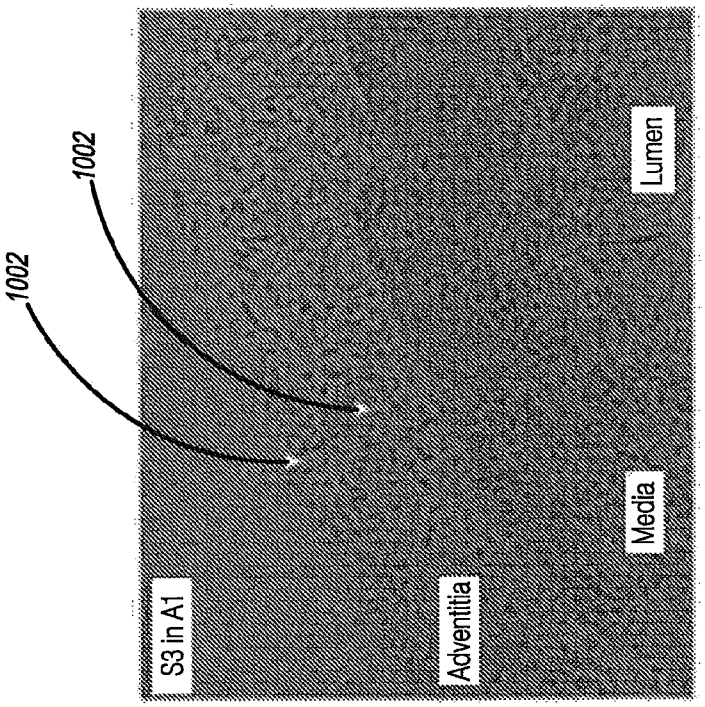


FIG. 10C

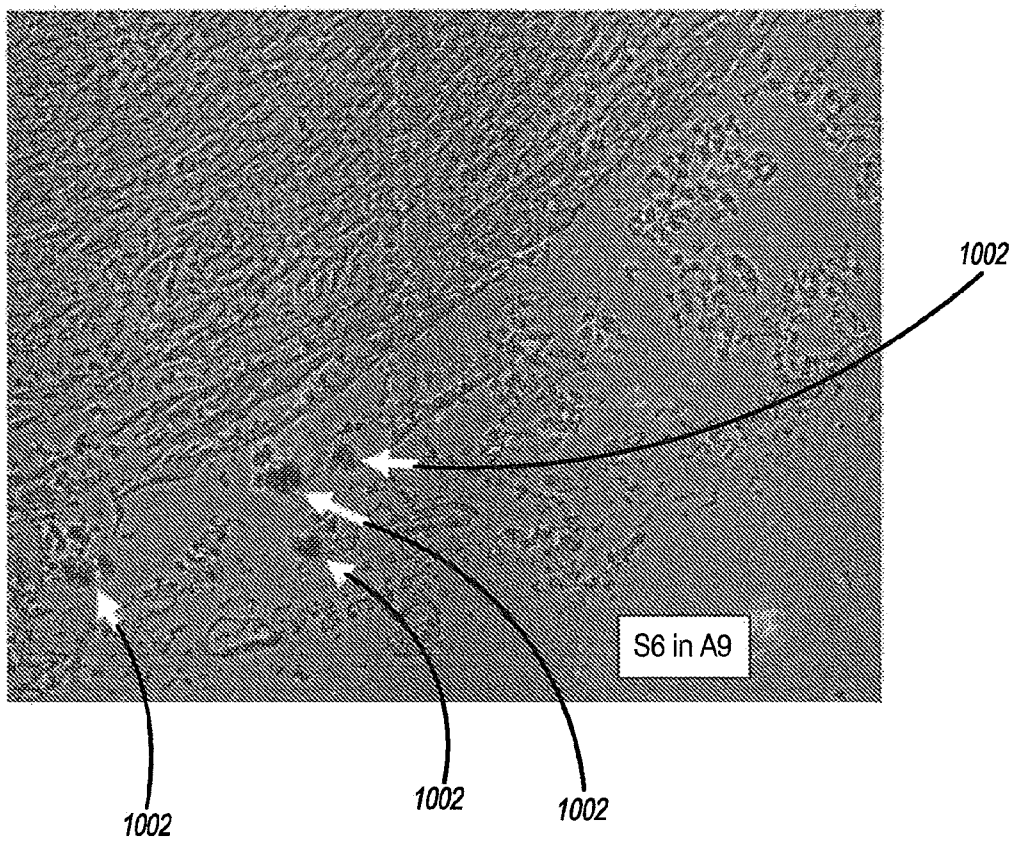


FIG. 11

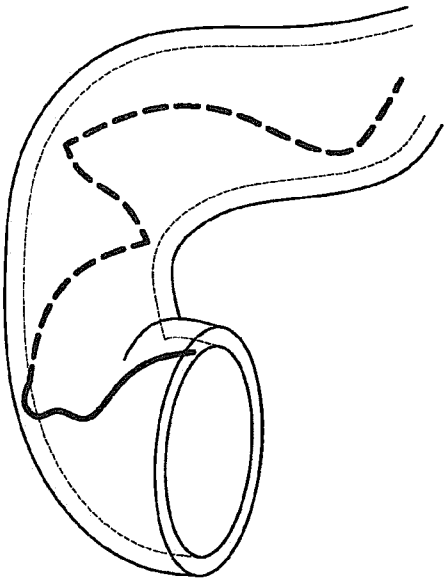


FIG. 13

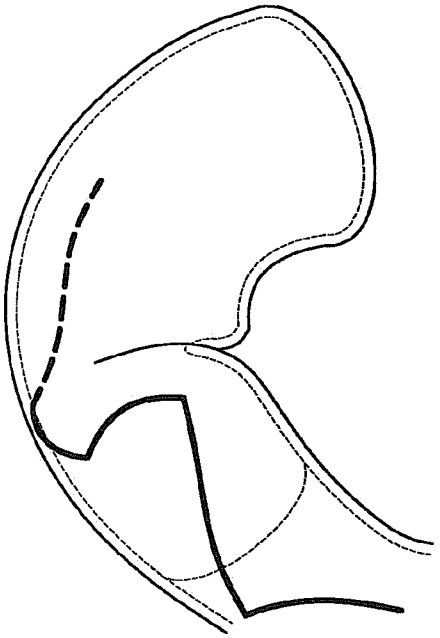


FIG. 12

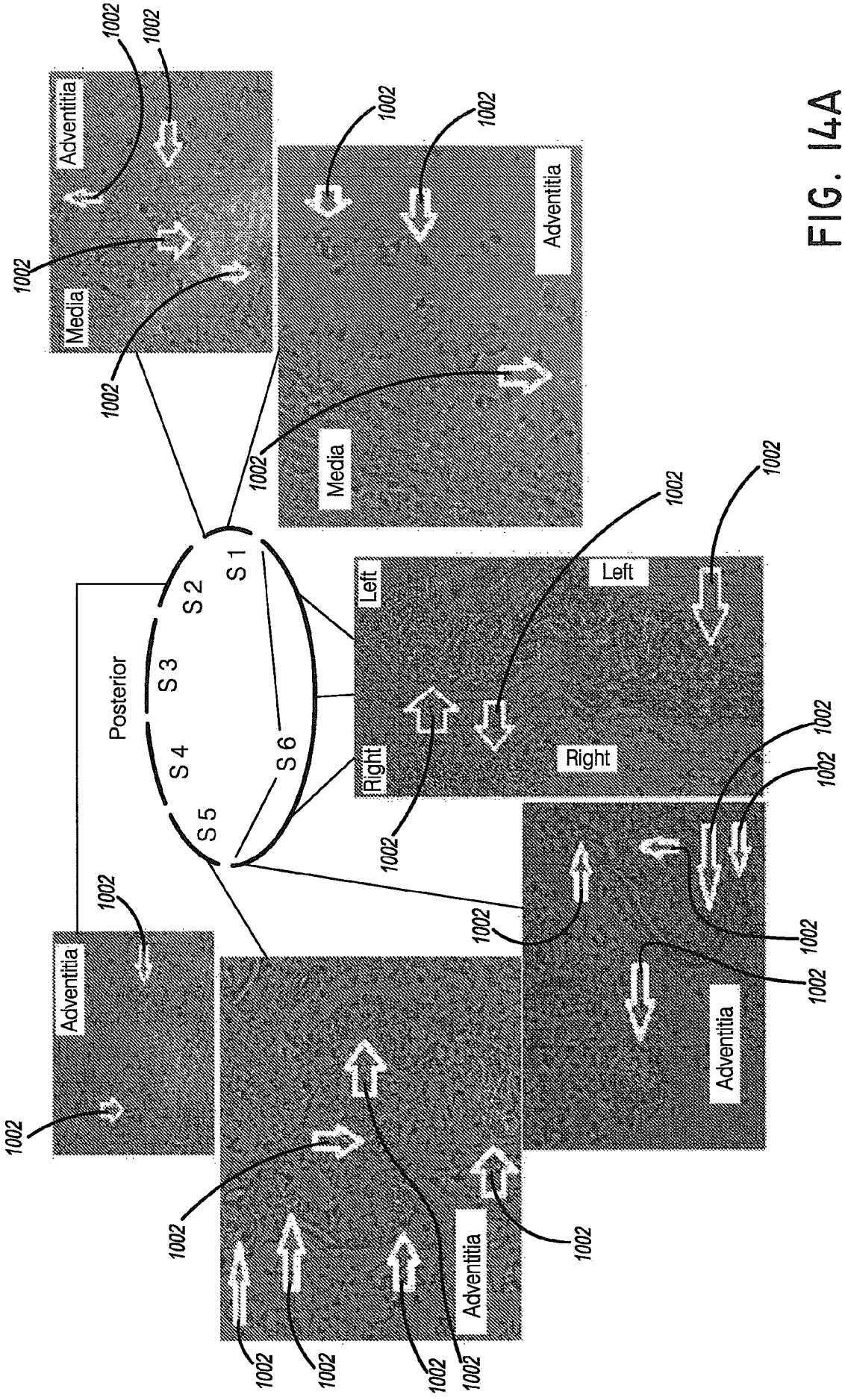

Adventitia
Media
Adventitia
Media
Left
Right
Posterior
S 1
S 2
S 3
S 4
S 5
S 6
Adventitia
Adventitia
1002

FIG. 14A

	Systolic Pulmonary Artery Pressure (mmHg)			Mean Pulmonary Artery Pressure (mmHg)		
Parameter	Before surgery	during surgery	Decline	Before surgery	during surgery	Decline
Parameter Status 1 Temperature <50° Energy 8-10W Ablation 120s	96	94	2.1%	56	54	3.6%
Parameter Status 2 Temperature 50°~60° Energy 8-10W Ablation 120s	88	64	27.3%	52	36	31%
Parameter Status 3 Temperature 40°~45° Energy <8W Ablation 120s	86	86	0%	54	53	1.9%
Parameter Status 4 Temperature 50°~60° Energy 8-10W Ablation 60s	86	78	9.3%	54	49	11.1%

FIG. 14B

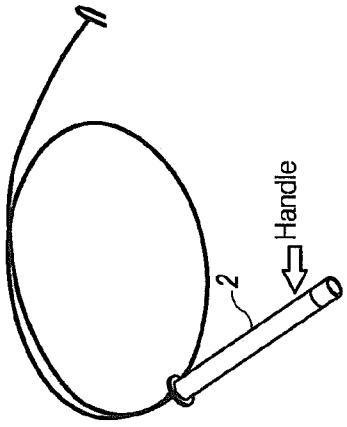


FIG. 15A

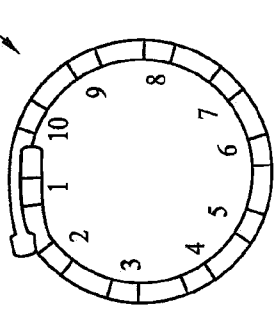


FIG. 15B

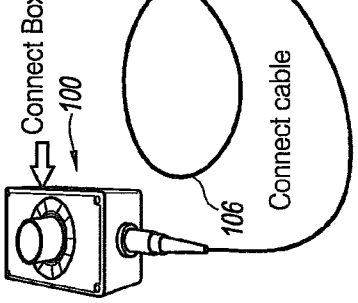


FIG. 15C

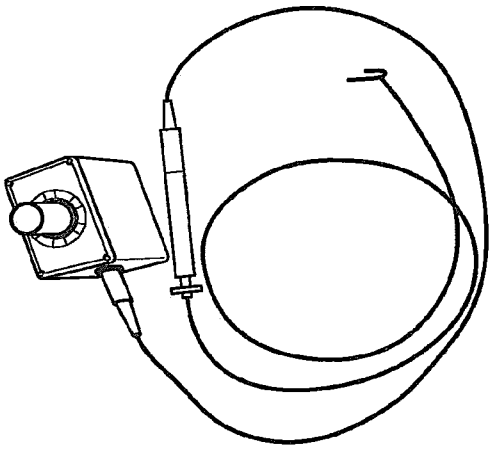


FIG. 15E

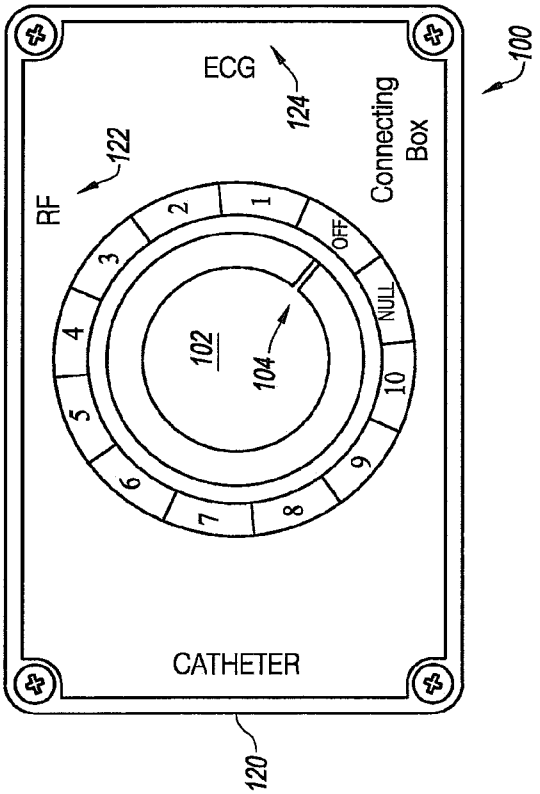


FIG. 15D

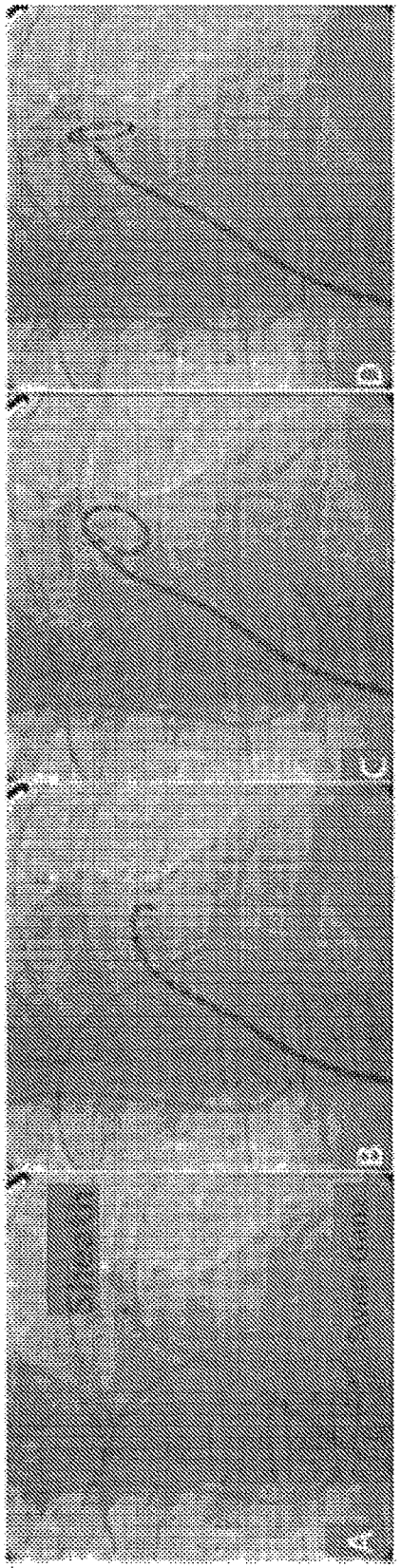


FIG. 16A

FIG. 16B

FIG. 16C

FIG. 16D

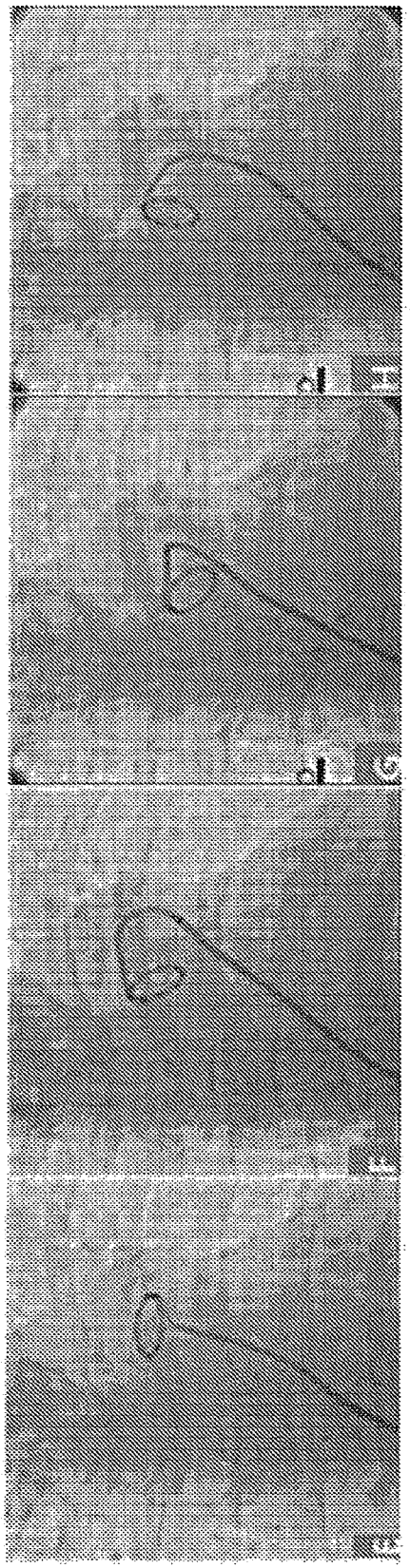


FIG. 16E

FIG. 16F

FIG. 16G

FIG. 16H

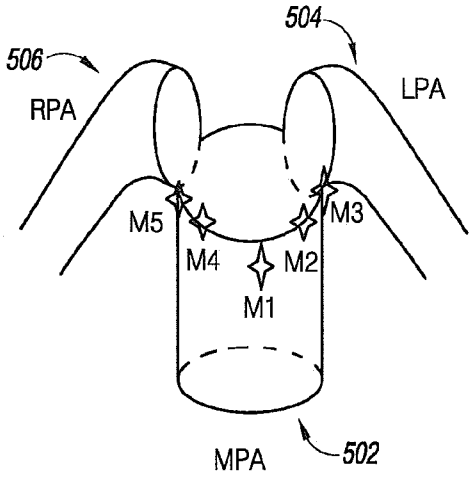


FIG. 17A

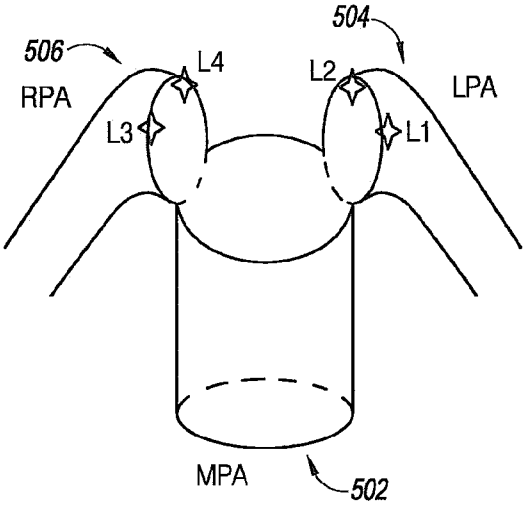


FIG. 17B

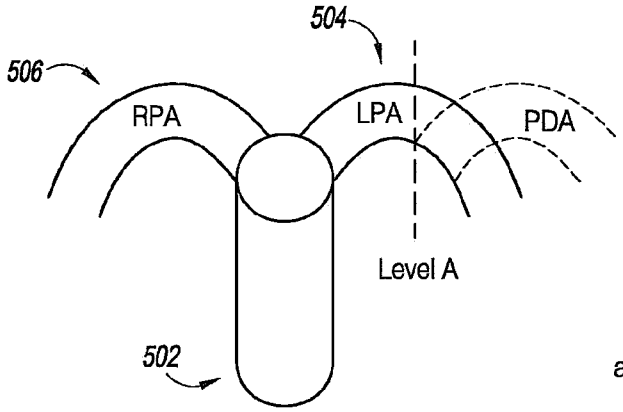


FIG. 18A

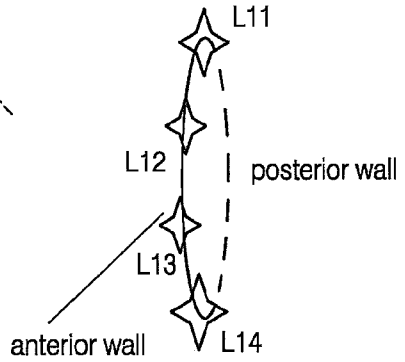


FIG. 18B

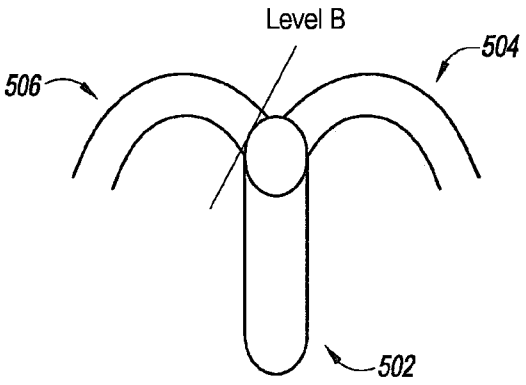


FIG. 19A

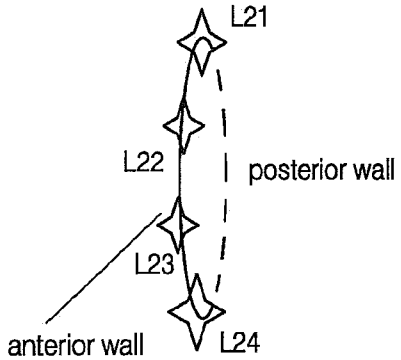


FIG. 19B

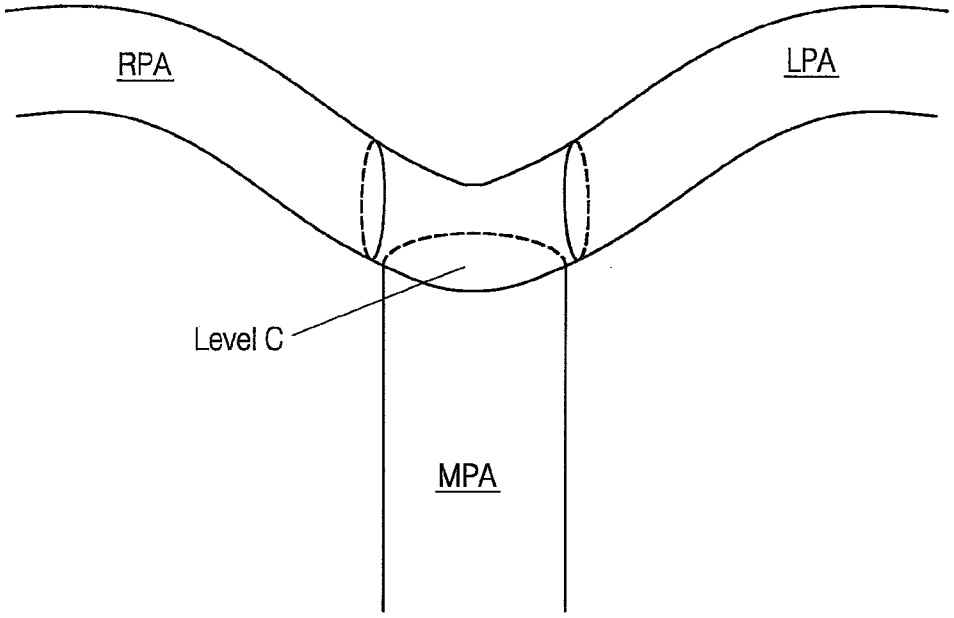
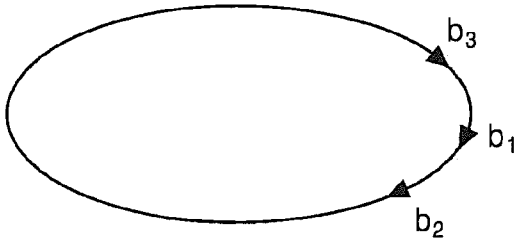


FIG. 20



Level C
Ablation Sites = b_1 - b_3

FIG. 21

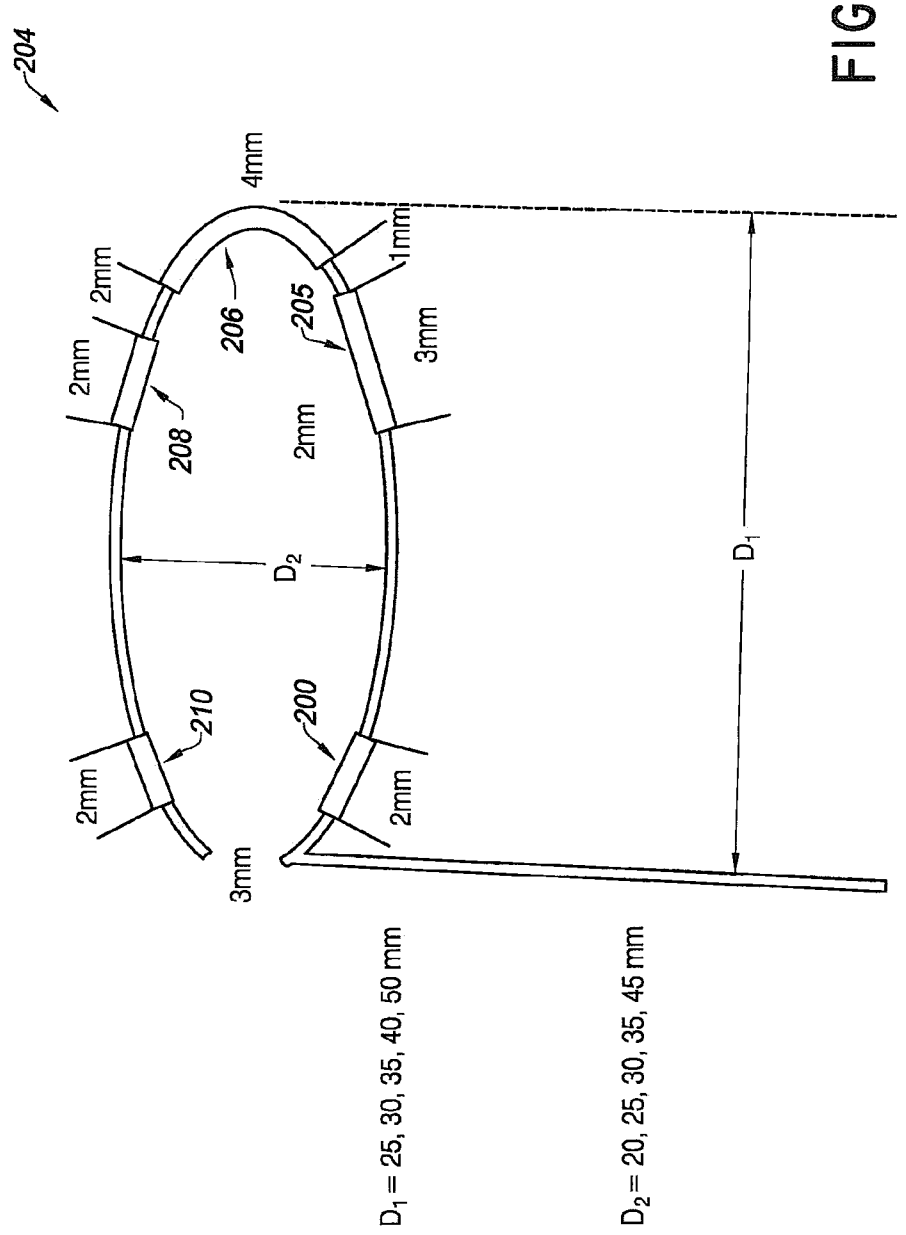

204
4mm
2mm
2mm
206
205
1mm
3mm
208
2mm
D_2
D_1
210
200
2mm
2mm
3mm
D_1 = 25, 30, 35, 40, 50 mm
D_2 = 20, 25, 30, 35, 45 mm

FIG. 22A

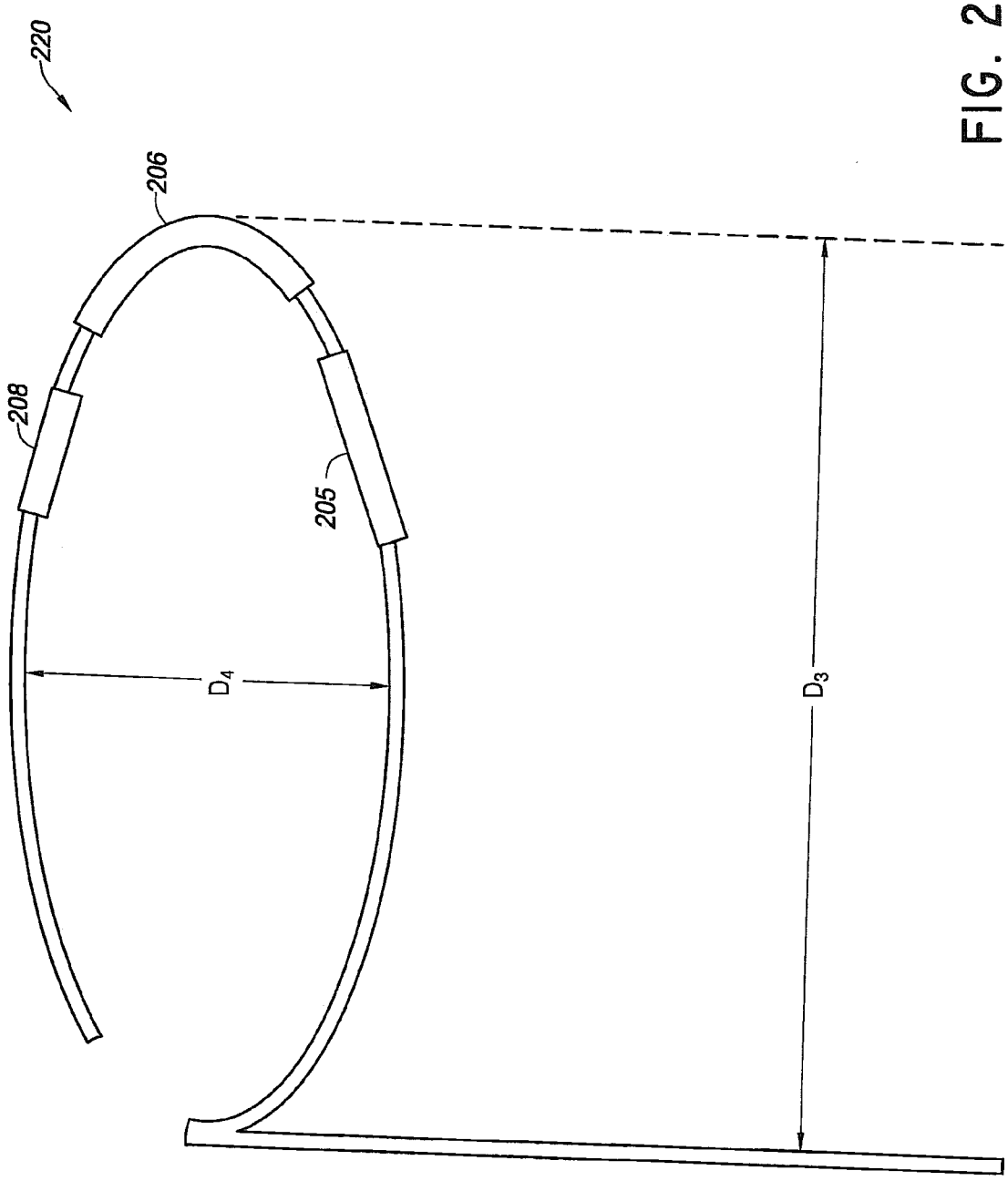


FIG. 22B

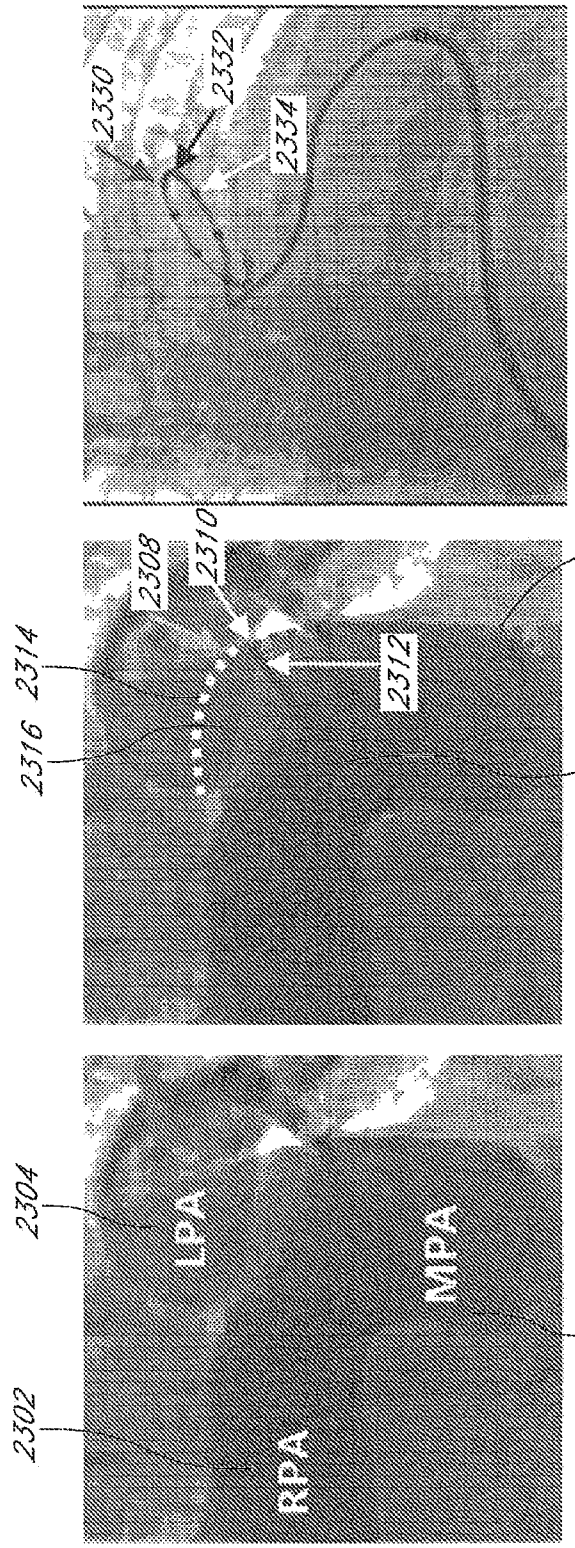


FIG. 23C

FIG. 23B

FIG. 23A

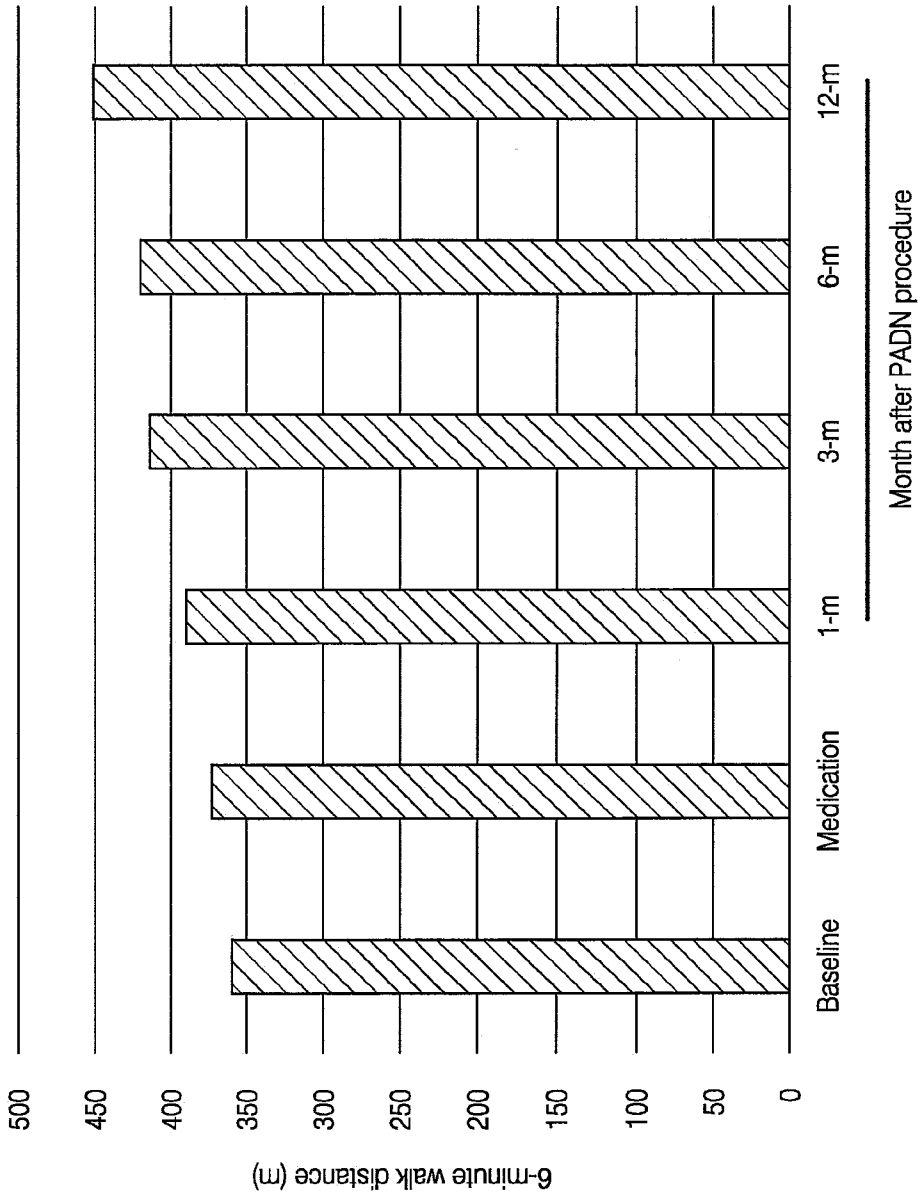

6-minute walk distance (m)
500
450
400
350
300
250
200
150
100
50
0
Baseline
Medication
1-m
3-m
6-m
12-m
Month after PADN procedure

FIG. 24A

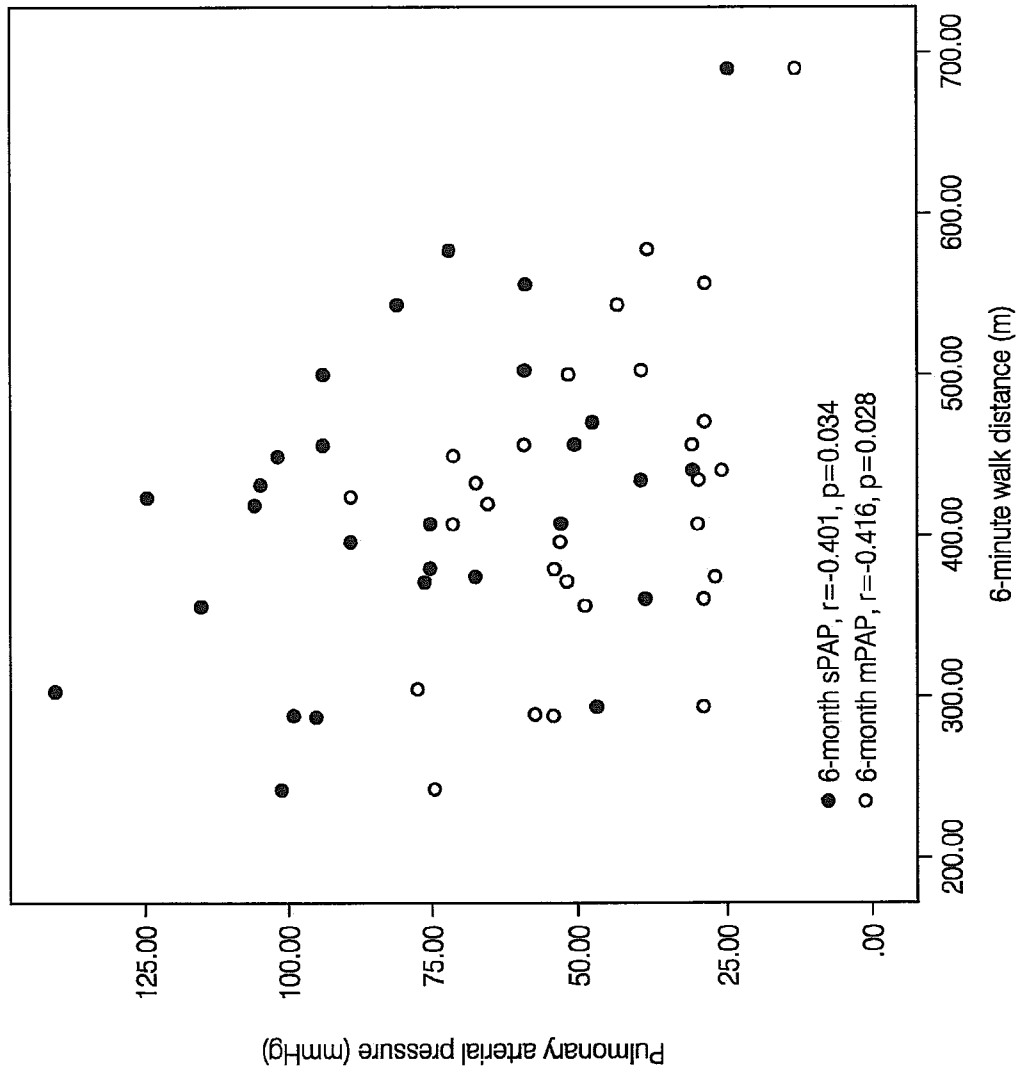

Pulmonary arterial pressure (mmHg)
125.00
100.00
75.00
50.00
25.00
.00
200.00
300.00
400.00
500.00
600.00
700.00
6-minute walk distance (m)
6-month sPAP, r=-0.401, p=0.034
6-month mPAP, r=-0.416, p=0.028

FIG. 24B

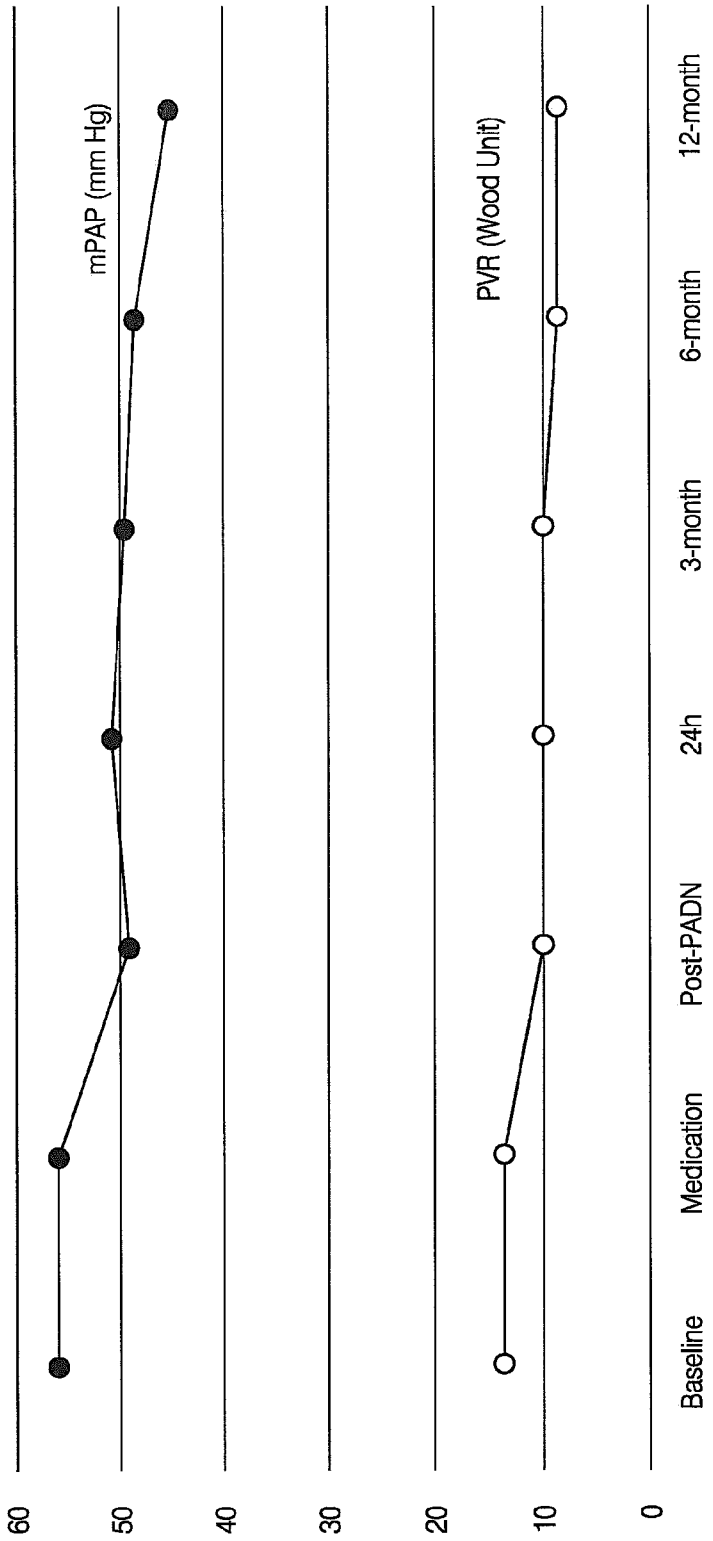

mPAP (mm Hg)
PVR (Wood Unit)
60
50
40
30
20
10
0
Baseline
Medication
Post-PADN
24h
3-month
6-month
12-month

FIG. 24C

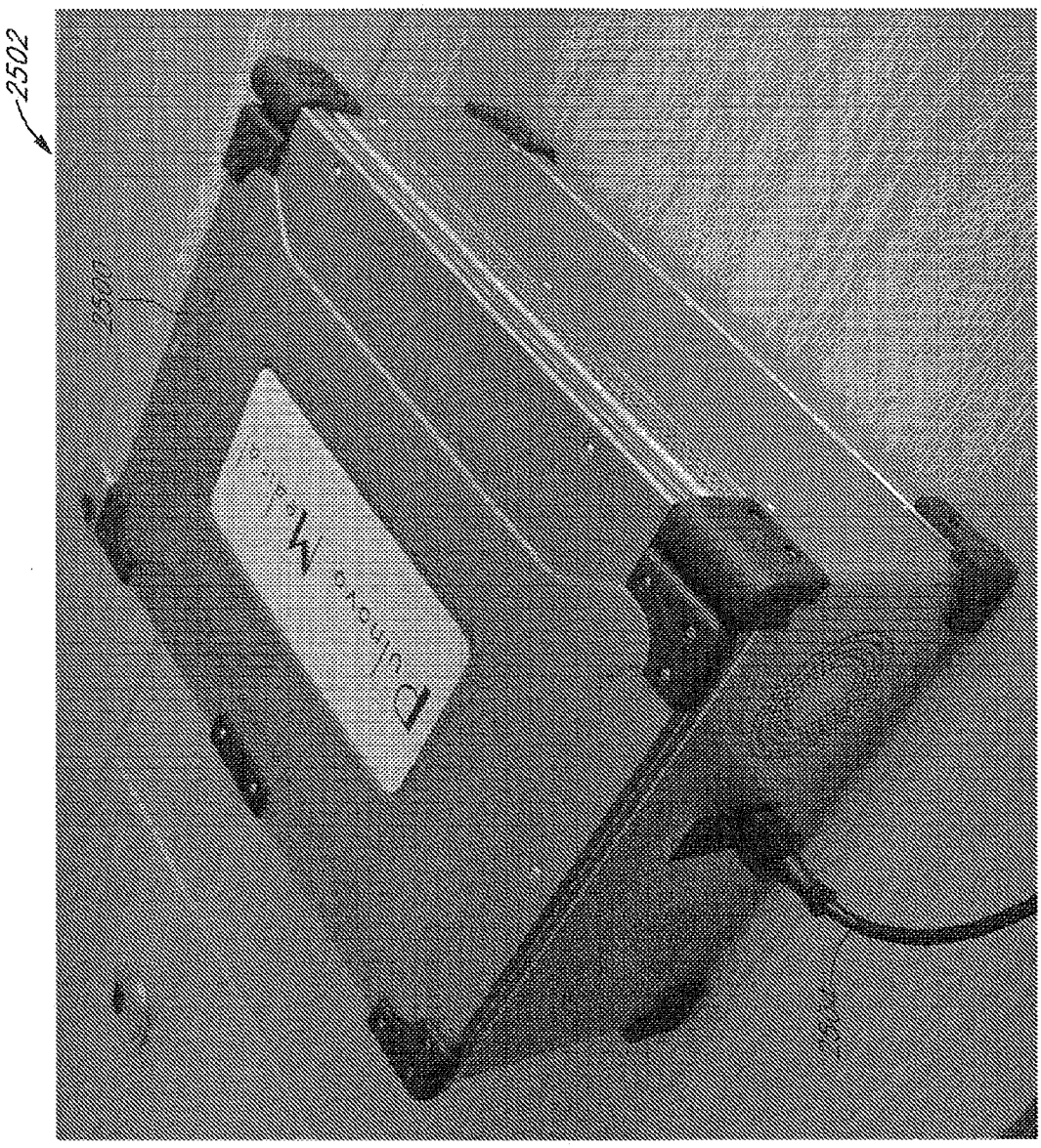


FIG. 25A



FIG. 25B

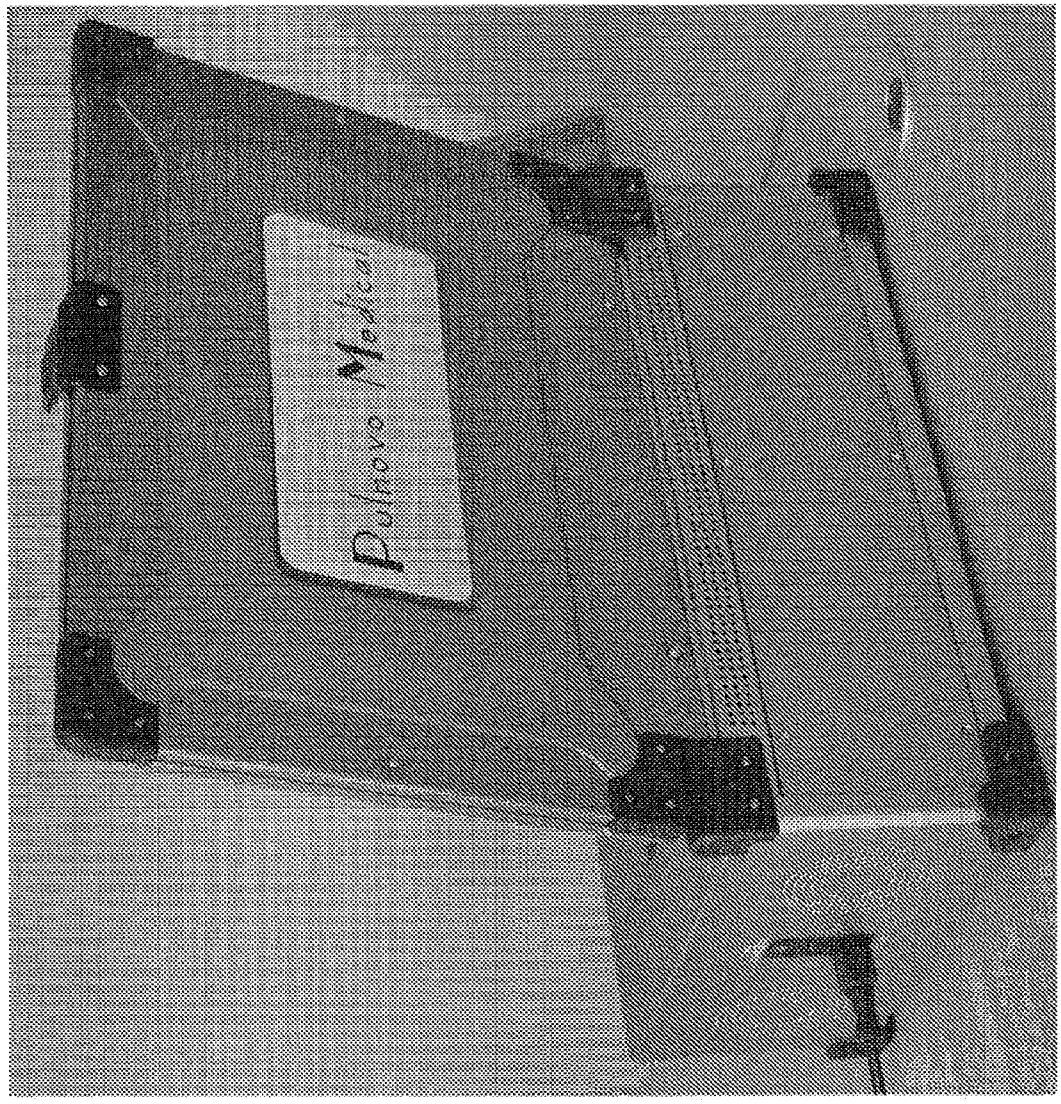


FIG. 25C

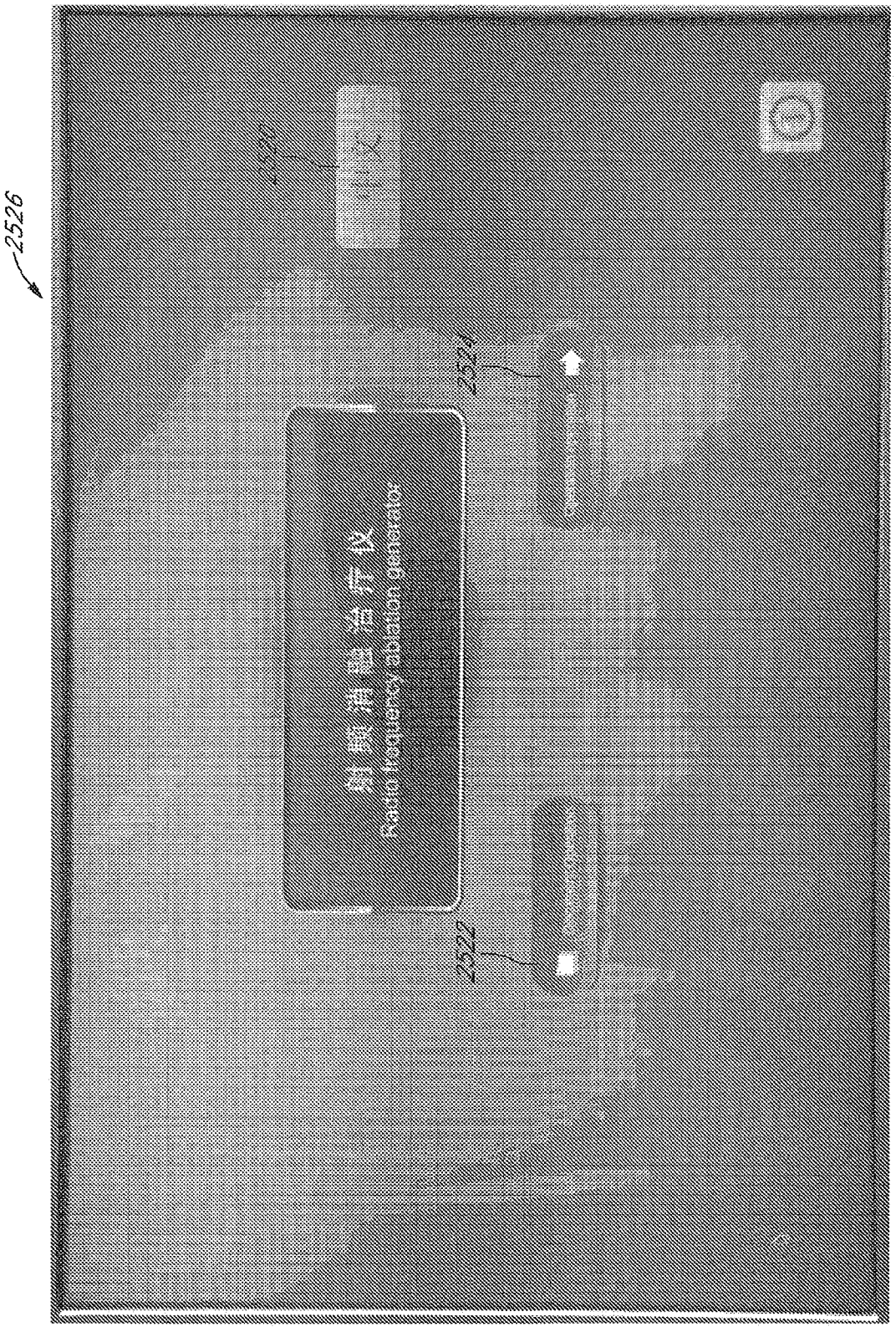

2526
2528
2529
Advanced generic keyboard layout
Alternative keyboard layout

FIG. 25D

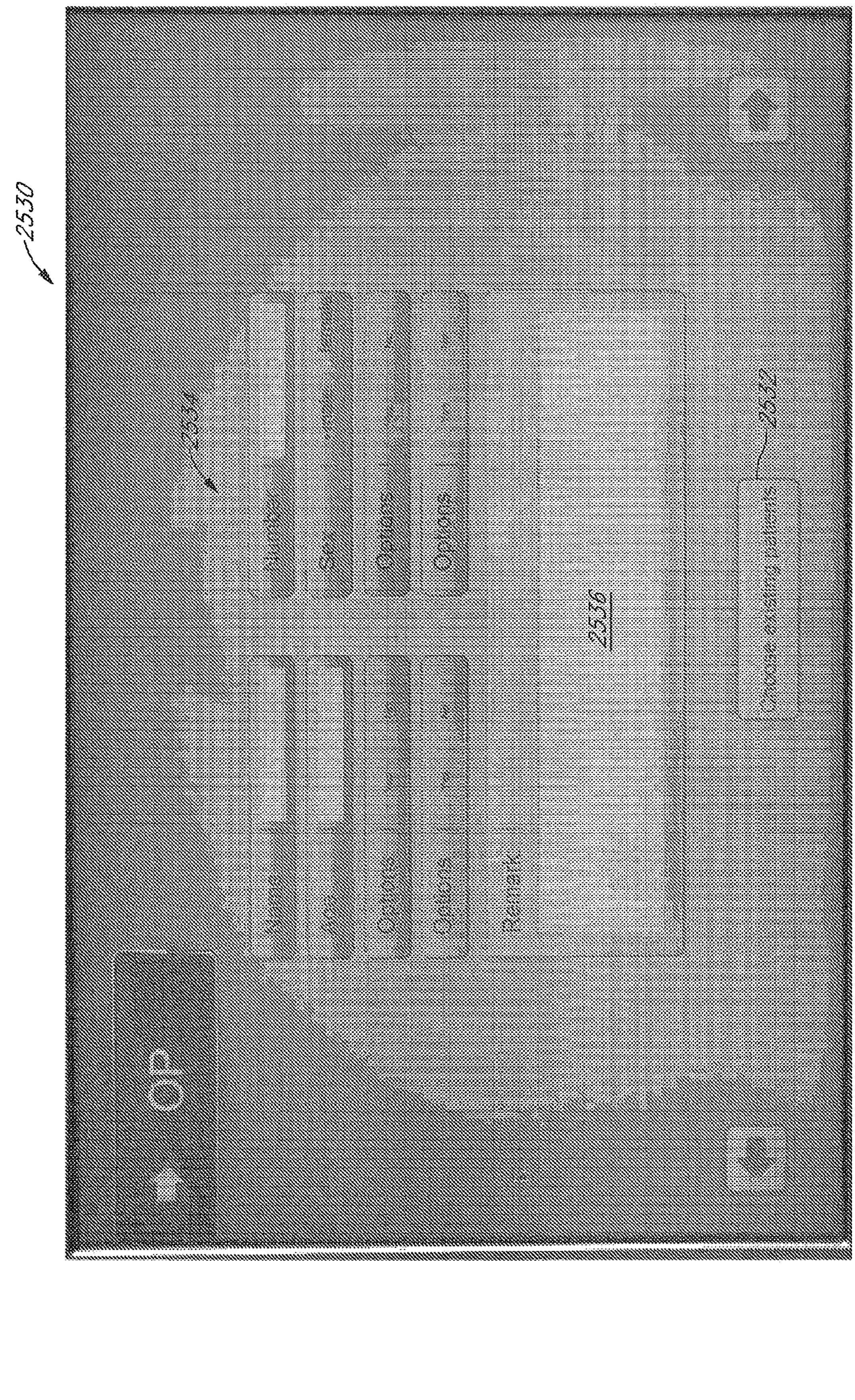

2530
2534
2536
2532
OP
Name
Age
Options
Options
Remark
Number
Options
Options
Choose existing patients

FIG. 25E

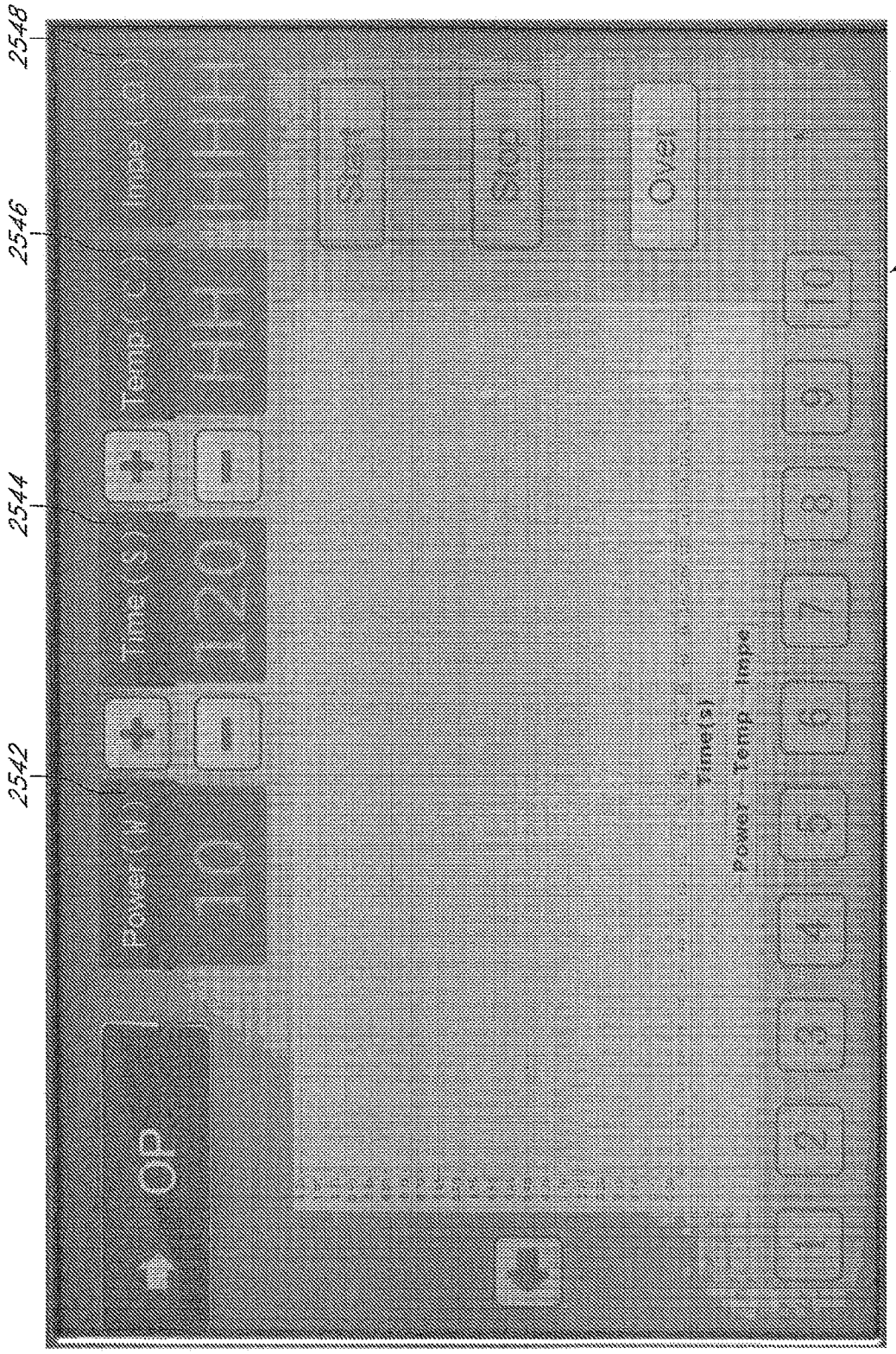

2548
2546
2544
2542
2540
Oven
Temp
Time
Power
Timer1
Timer2
Power
Temp
Time

FIG. 25F

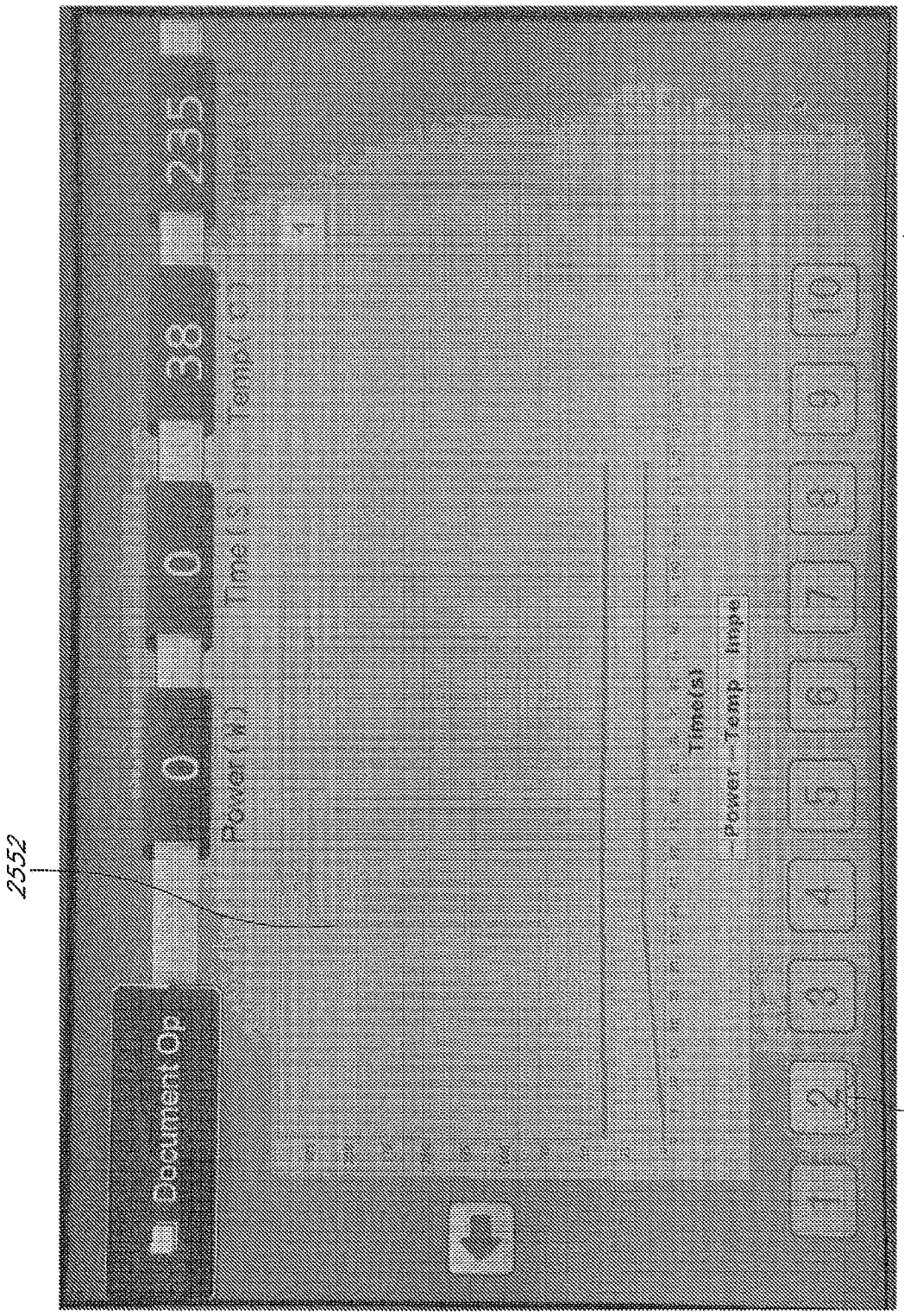

2552
2550
2570
Document
Power (W)
Time (s)
Power Temp
Temperature (°C)

FIG. 25G

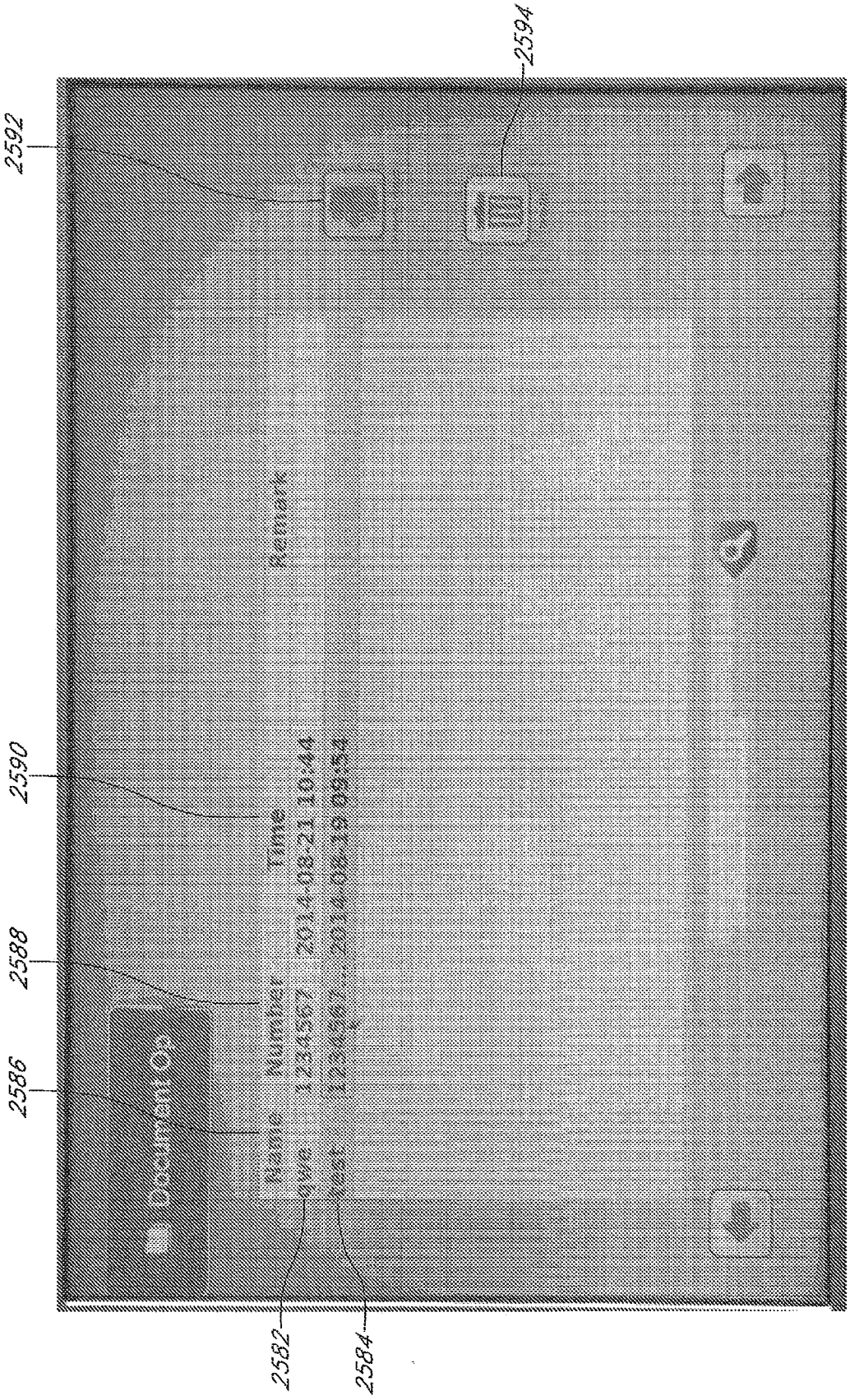

2592
2594
2580
2590
2588
2586
Remark
Time
2014-08-21 10:44
2014-08-19 09:54
Number
1234567
1234567
Name
Type
Test
2582
2584

FIG. 25H

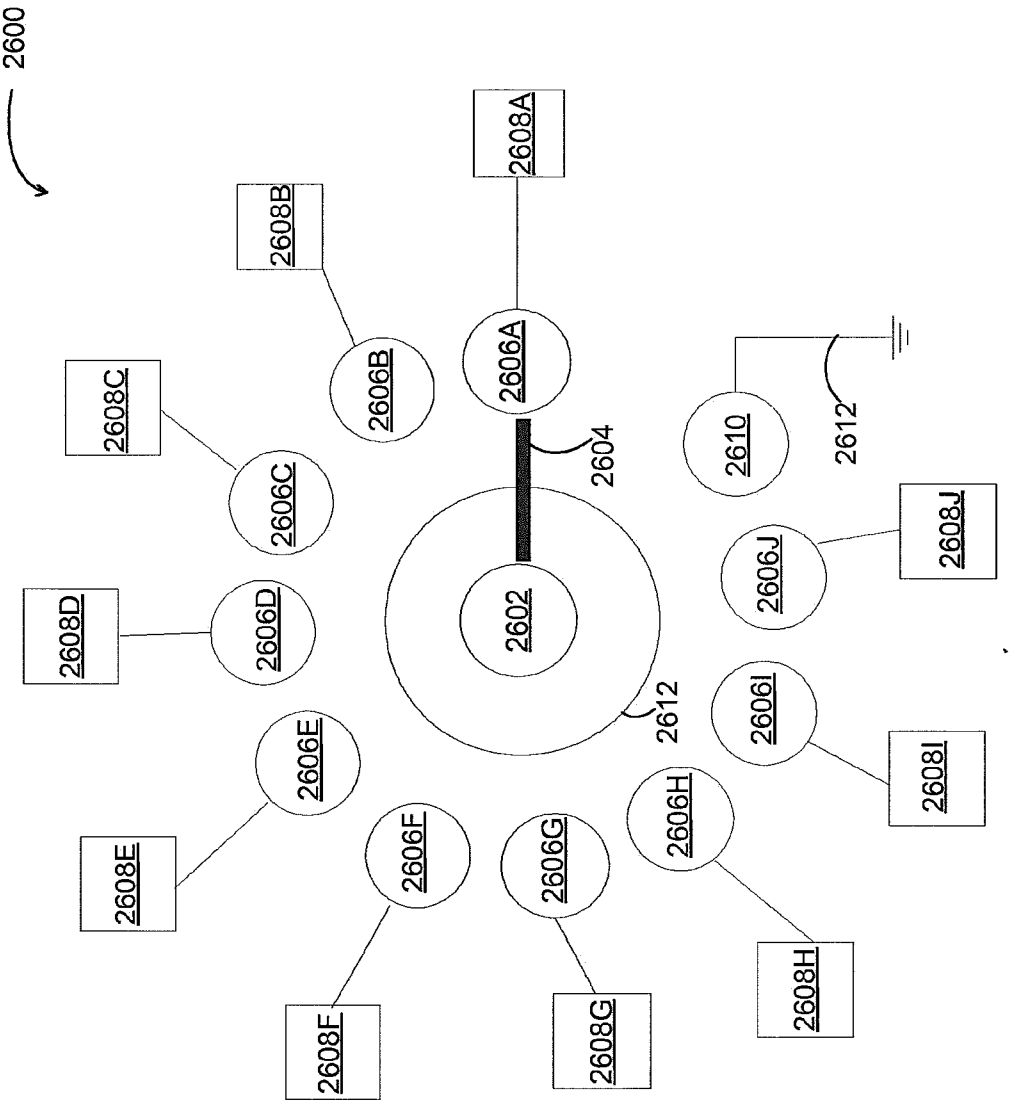

2600
2602
2604
2606A
2606B
2606C
2606D
2606E
2606F
2606G
2606H
2606I
2606J
2608A
2608B
2608C
2608D
2608E
2608F
2608G
2608H
2608I
2608J
2610
2612
2612

FIG. 26

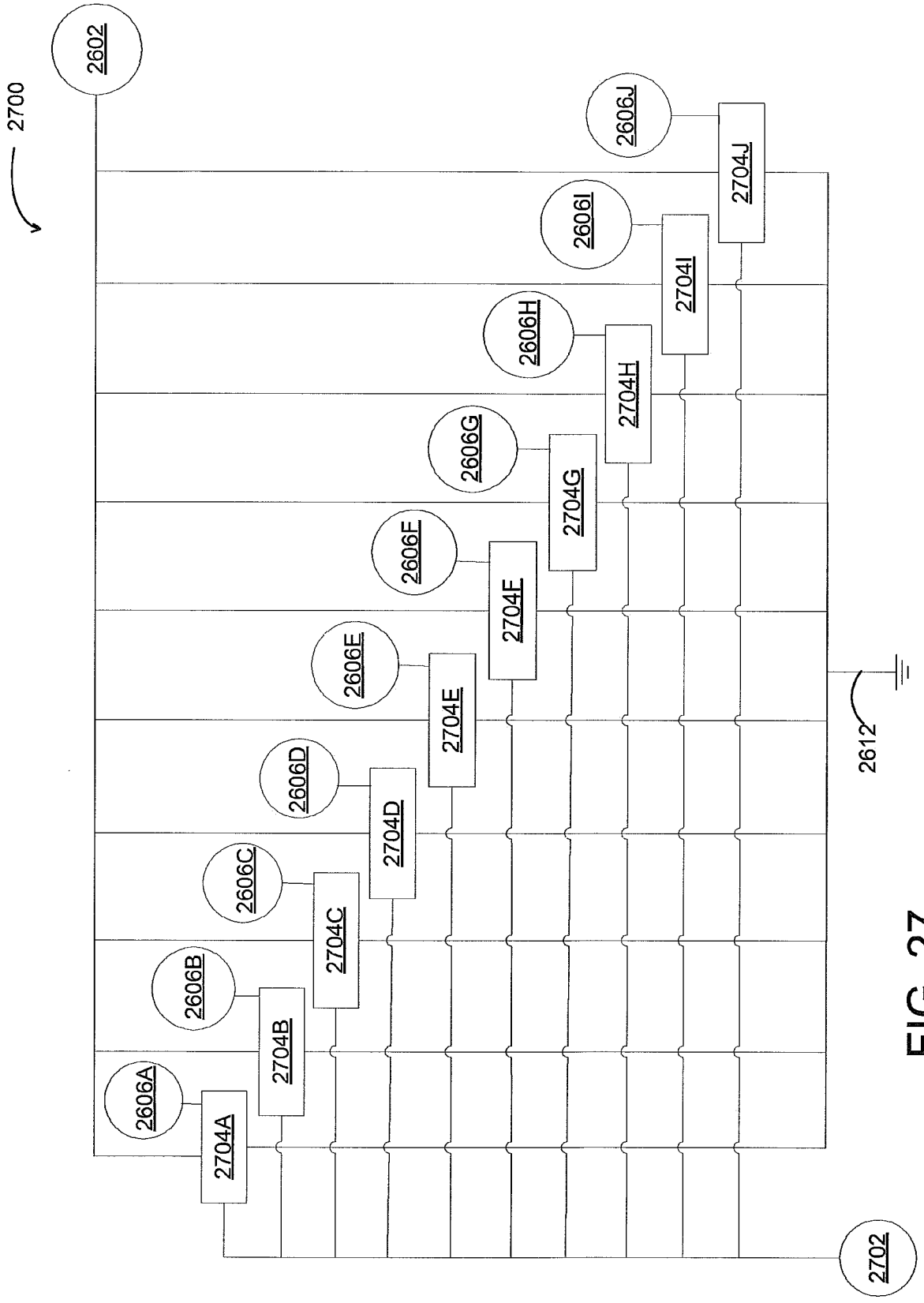

2700
2602
2606A
2606B
2606C
2606D
2606E
2606F
2606G
2606H
2606I
2606J
2704A
2704B
2704C
2704D
2704E
2704F
2704G
2704H
2704I
2704J
2612
2702

FIG. 27

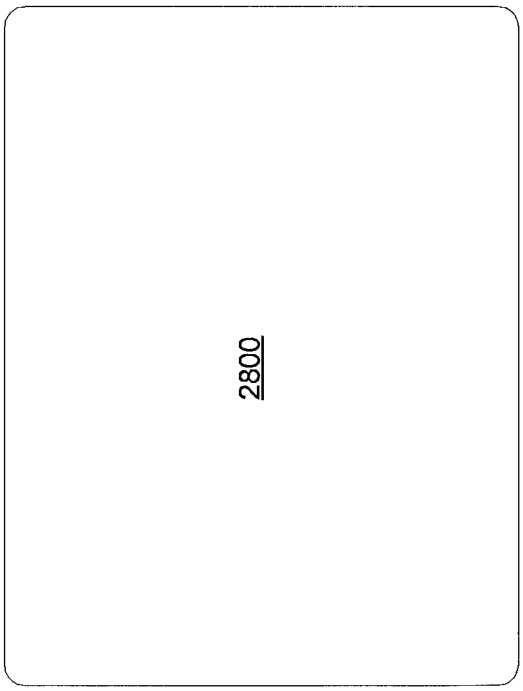


FIG .28