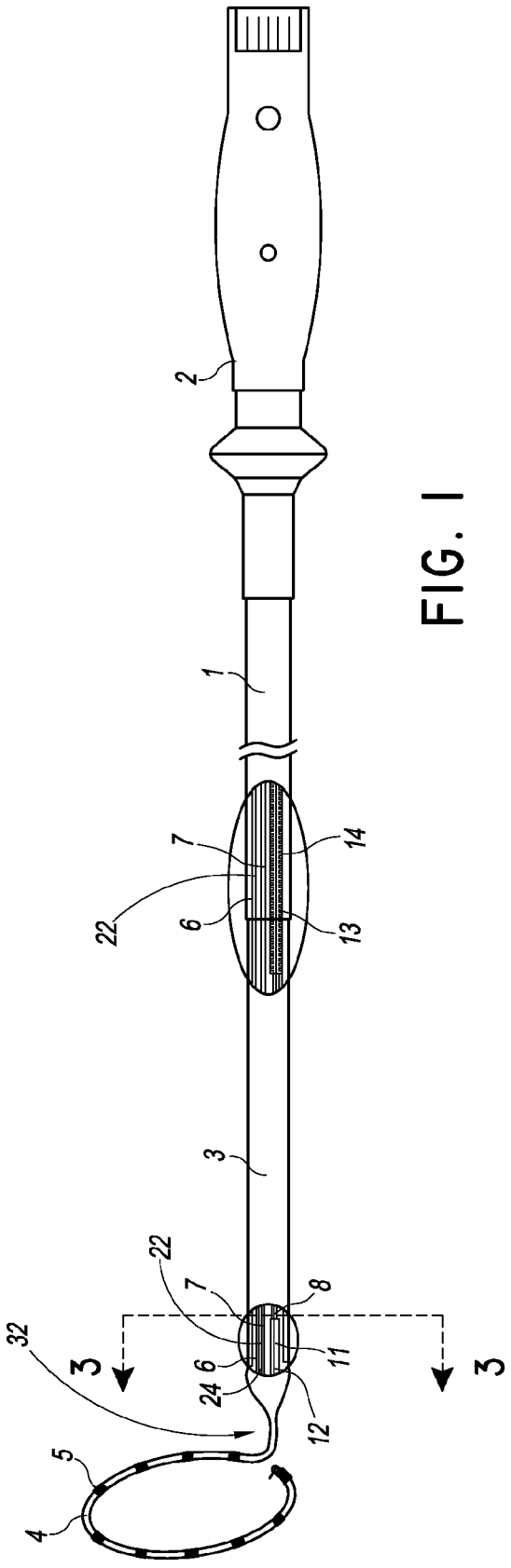


FIG. 1

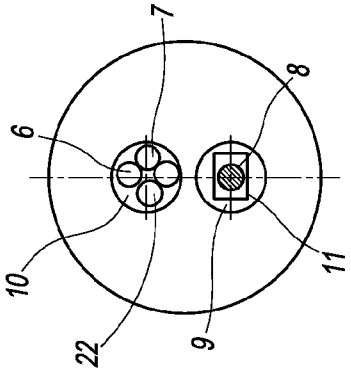


FIG. 3

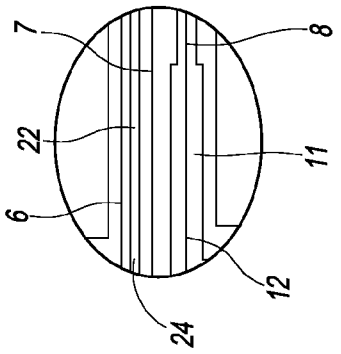


FIG. 2

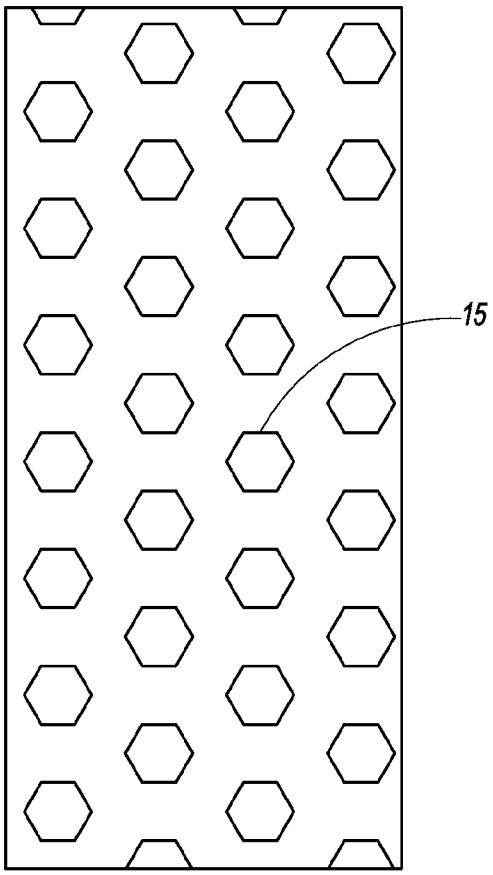


FIG. 4

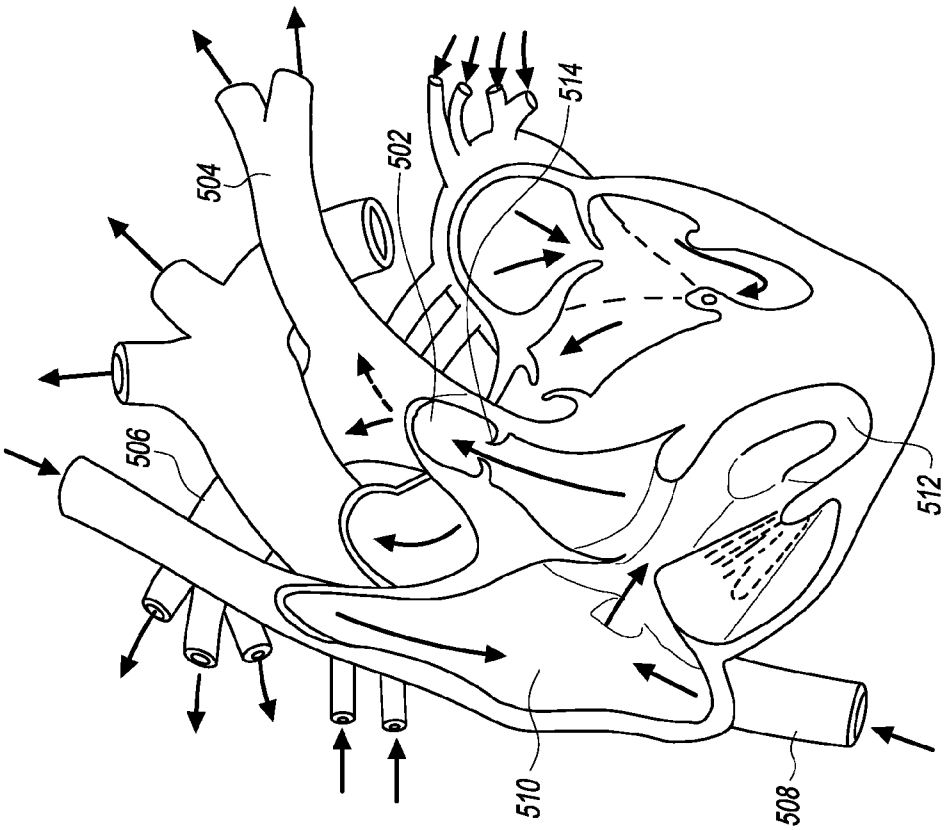


FIG. 5

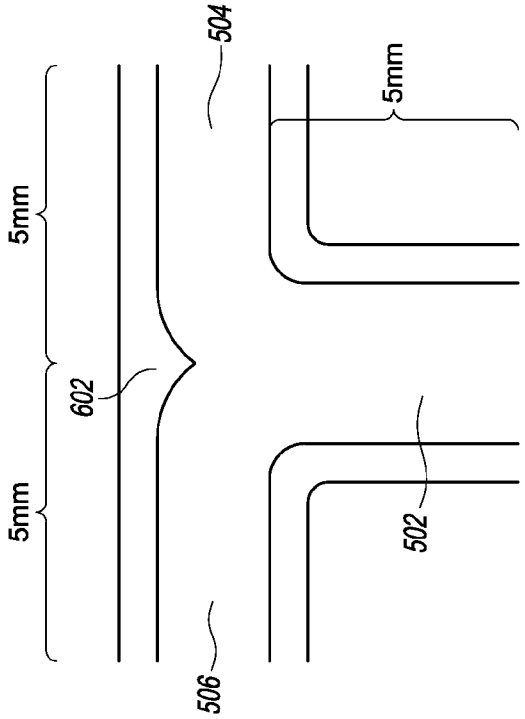


FIG. 6

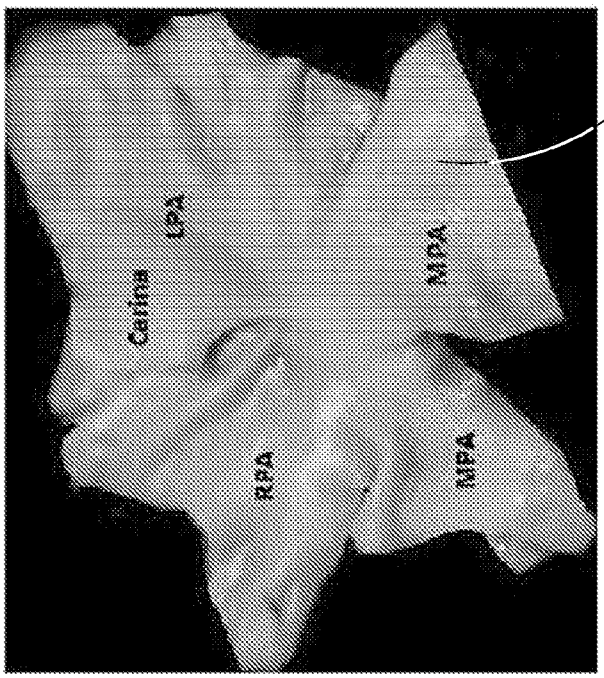


FIG. 7B

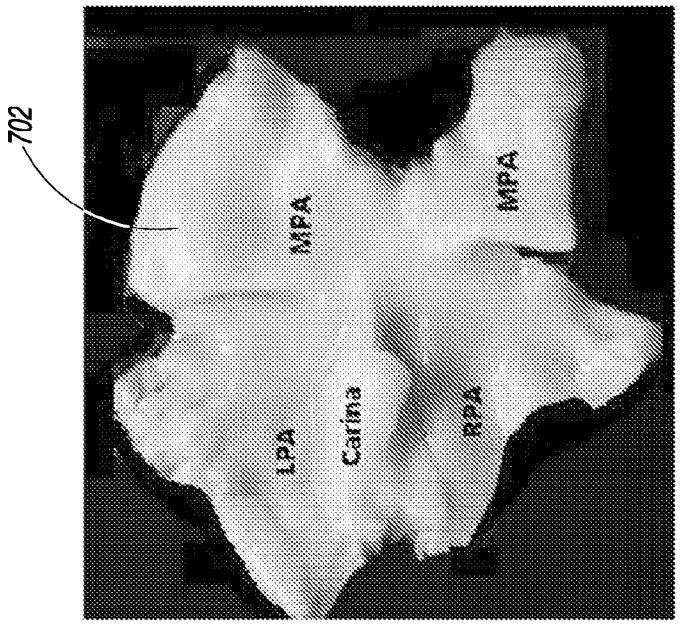


FIG. 7A

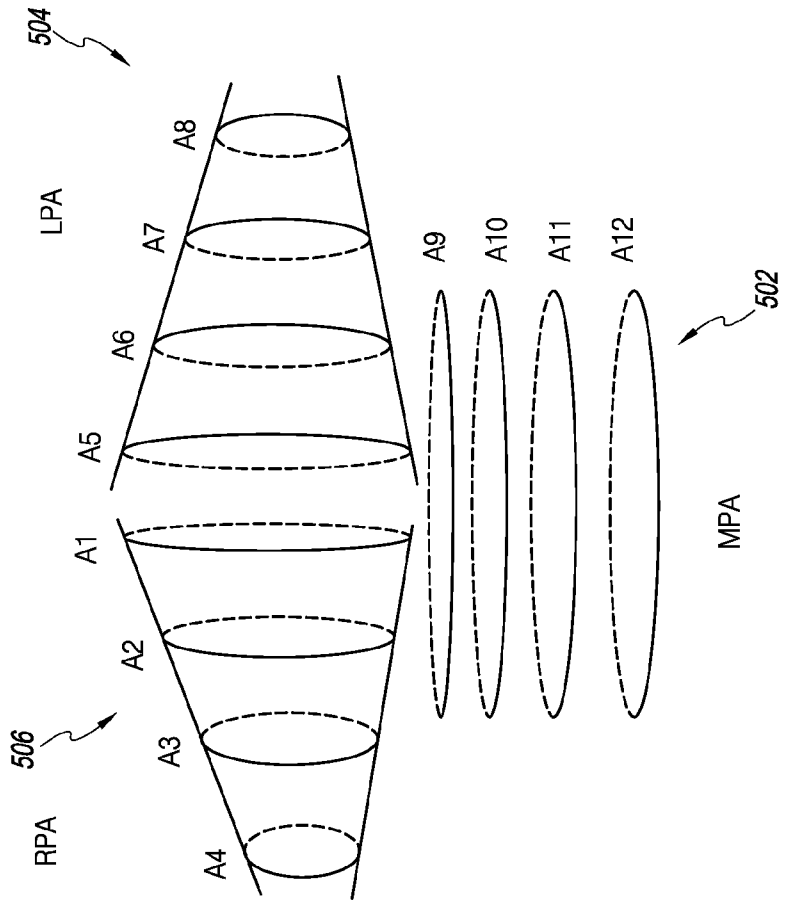


FIG. 8

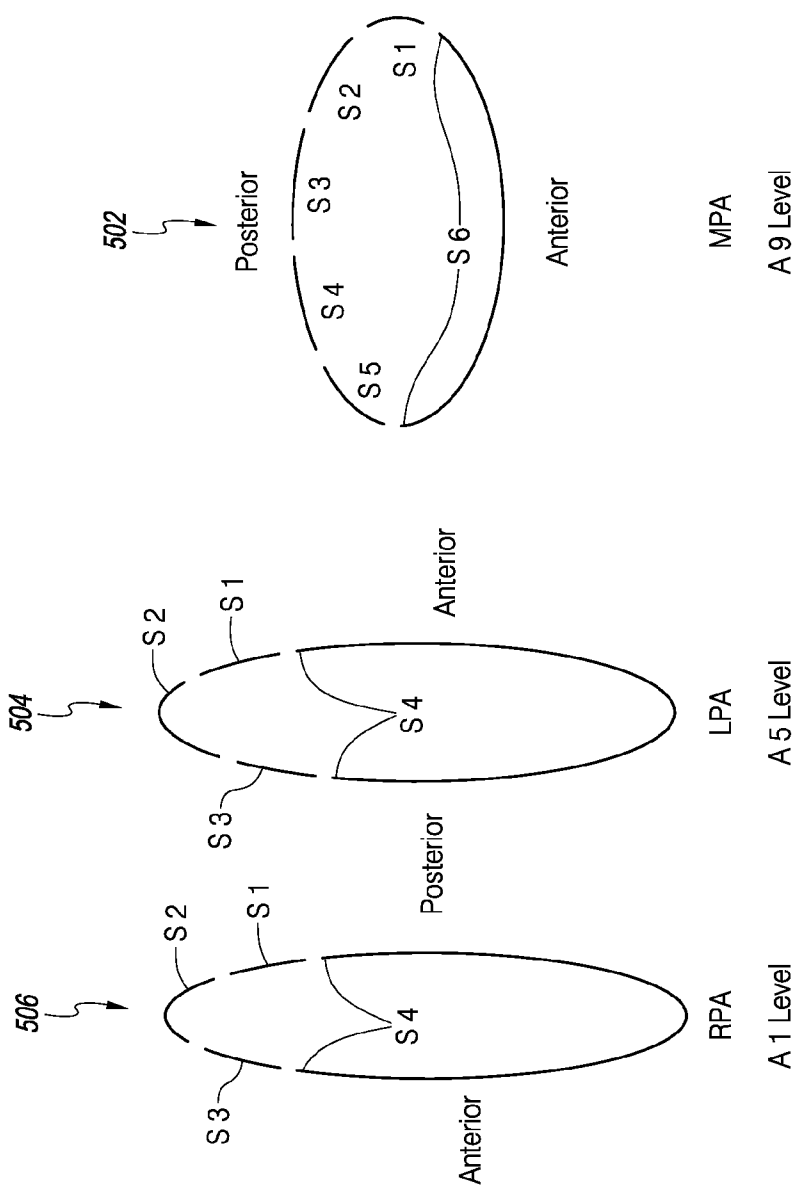

502
Posterior
S 1
S 2
S 3
S 4
S 5
S 6
Anterior
MPA
A 9 Level
504
S 2
S 1
Anterior
S 4
S 3
LPA
A 5 Level
Posterior
506
S 2
S 1
S 4
S 3
Anterior
RPA
A 1 Level

FIG. 9

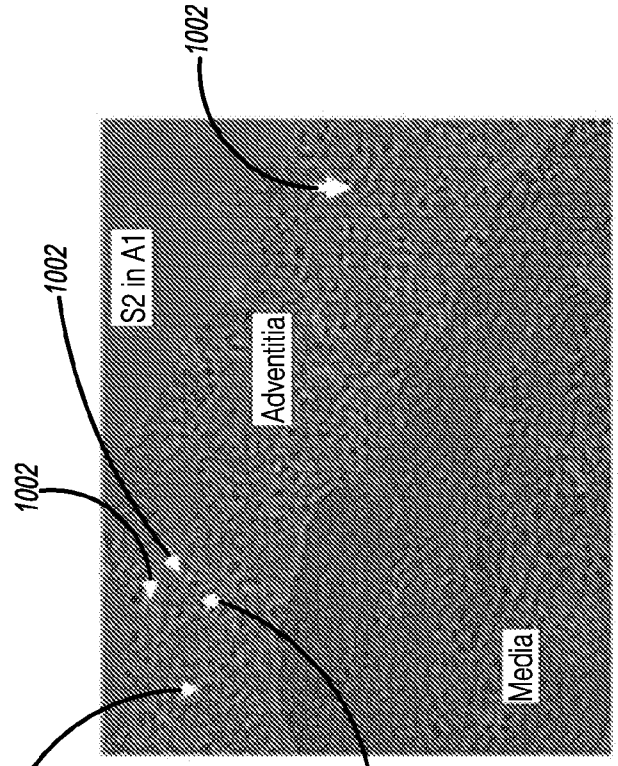


FIG. 10B

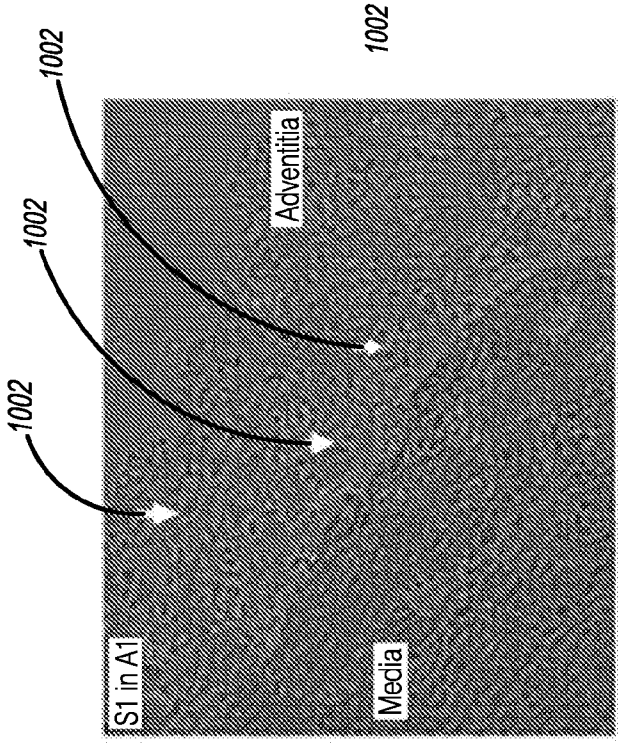


FIG. 10A

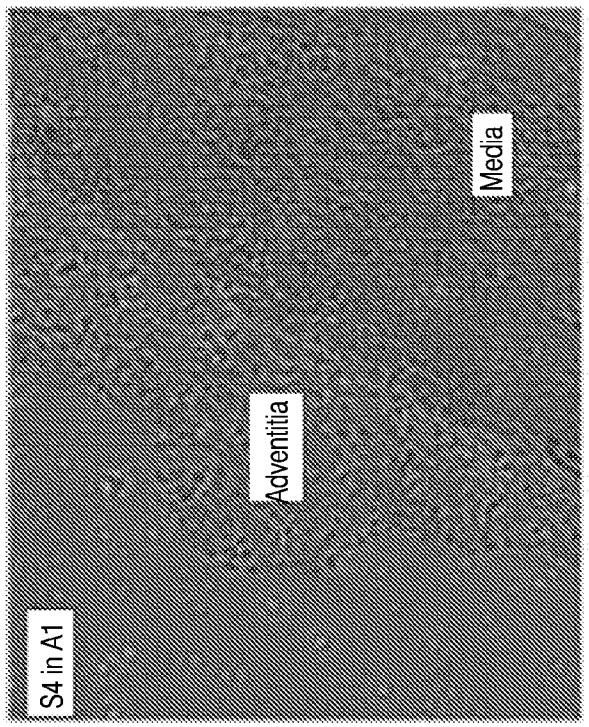


FIG. 10D

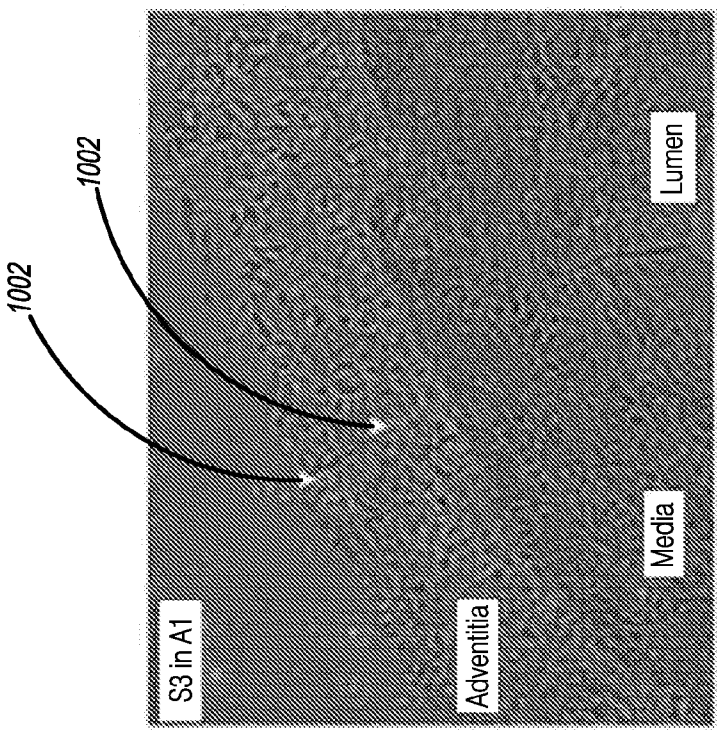


FIG. 10C

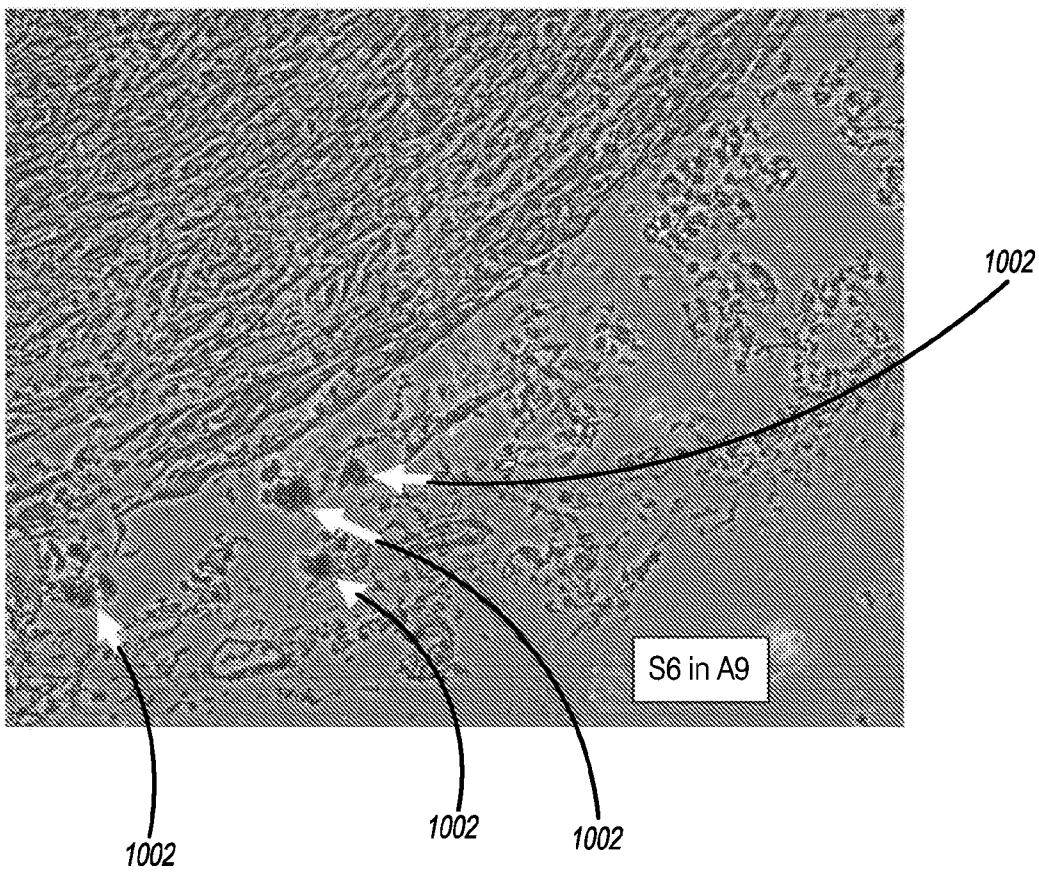


FIG. 11

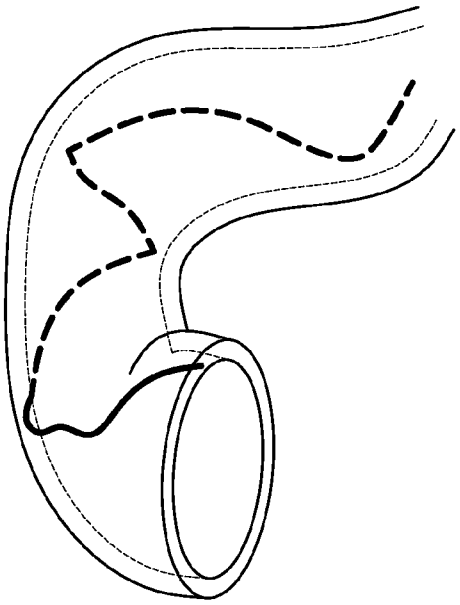


FIG. 13

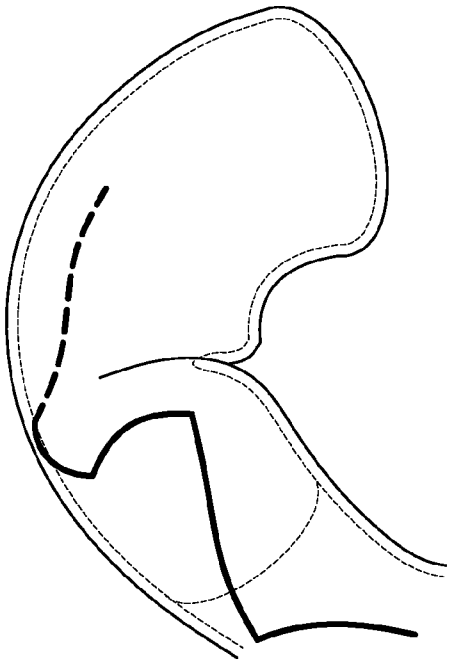


FIG. 12

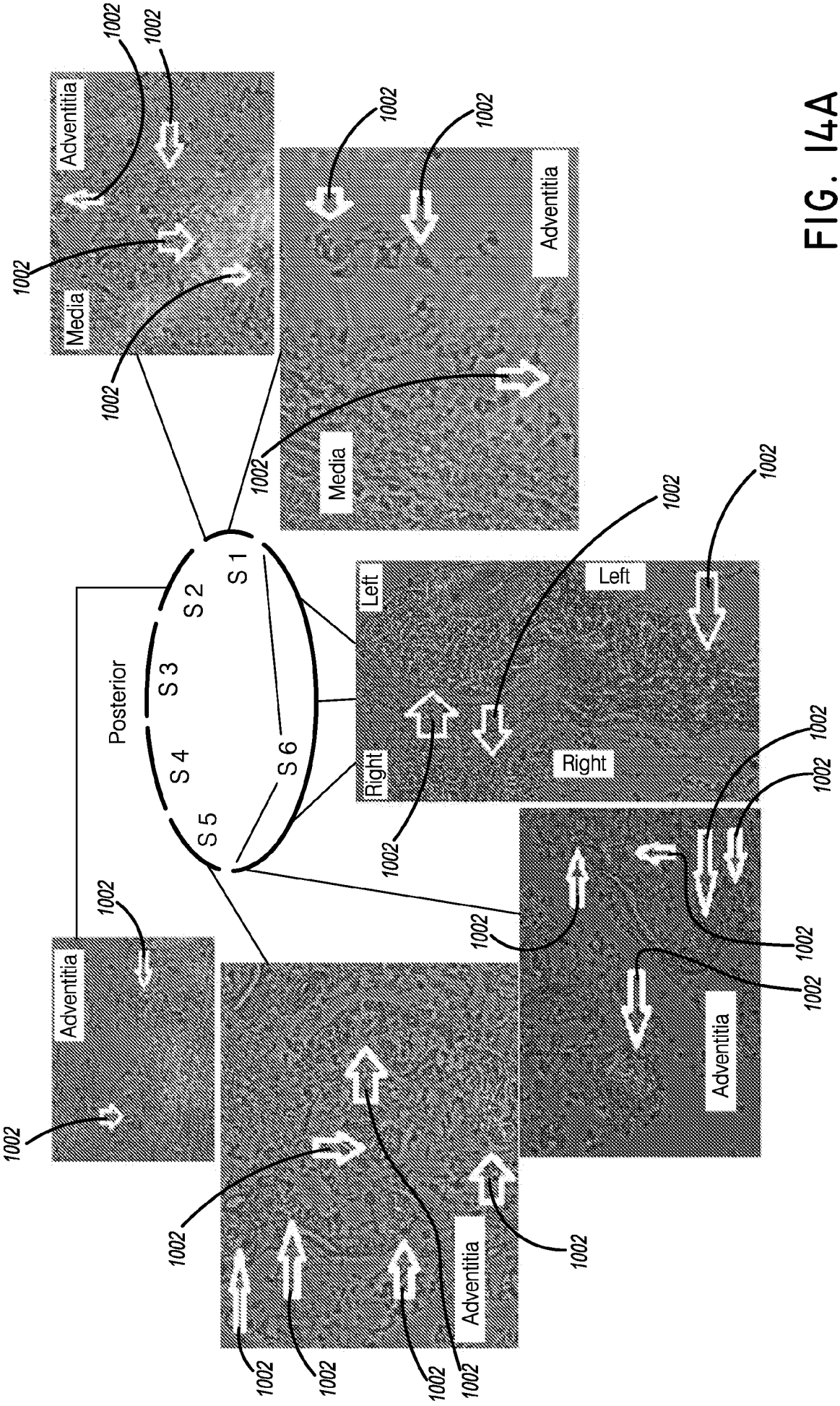

Adventitia
Media
Adventitia
Media
Left
Right
Left
Right
Posterior
S 1
S 2
S 3
S 4
S 5
S 6
Adventitia
Adventitia
Adventitia
1002

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

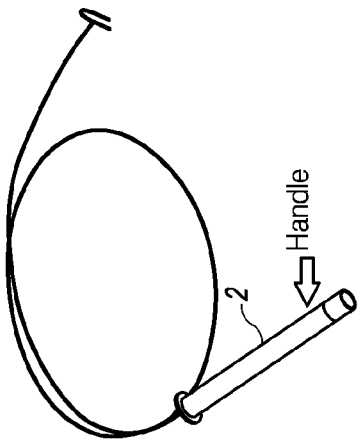


FIG. 15A

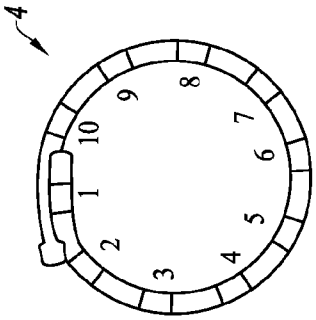


FIG. 15B

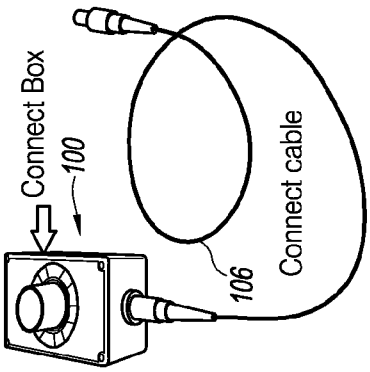


FIG. 15C

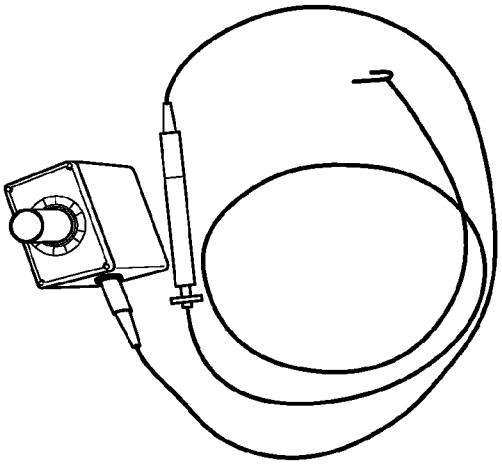


FIG. 15E

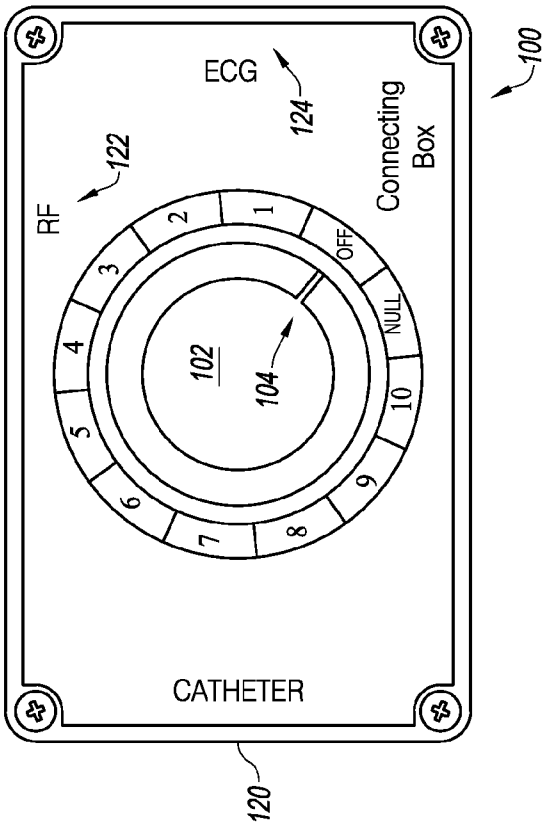


FIG. 15D

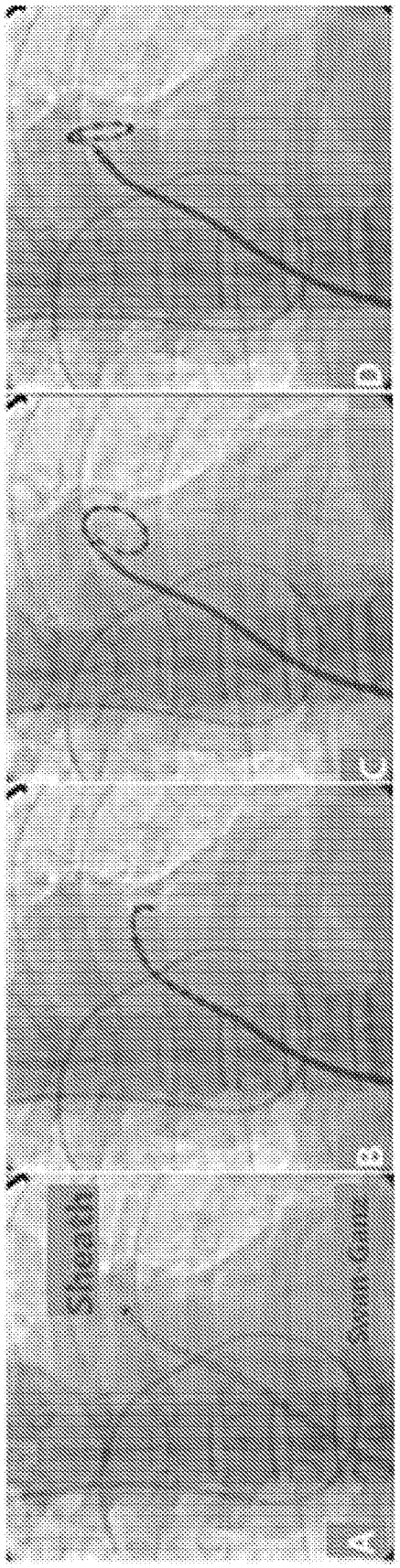


FIG. 16A FIG. 16B FIG. 16C FIG. 16D

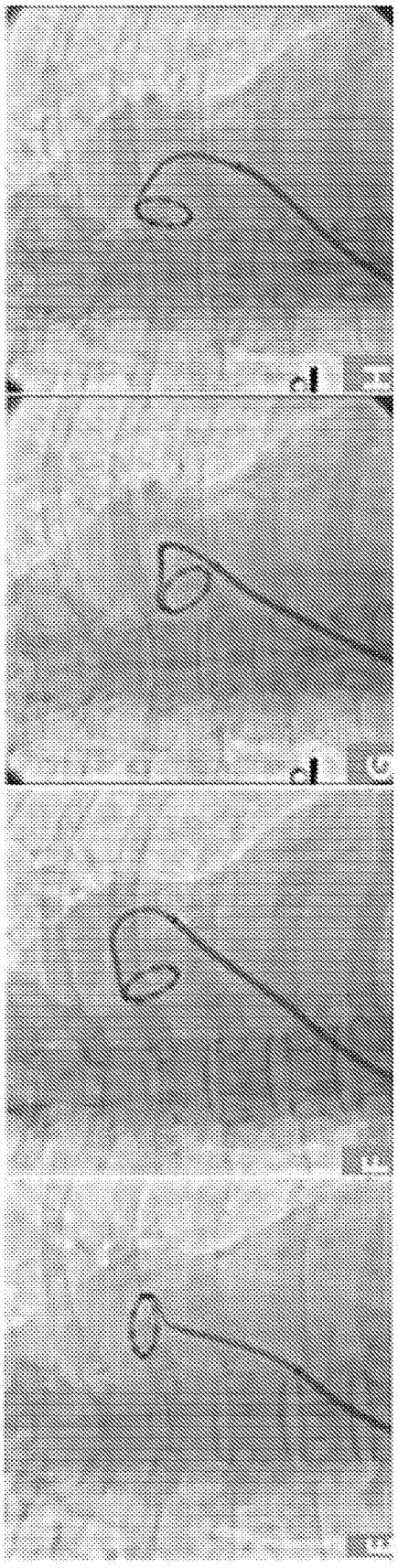


FIG. 16E FIG. 16F FIG. 16G FIG. 16H

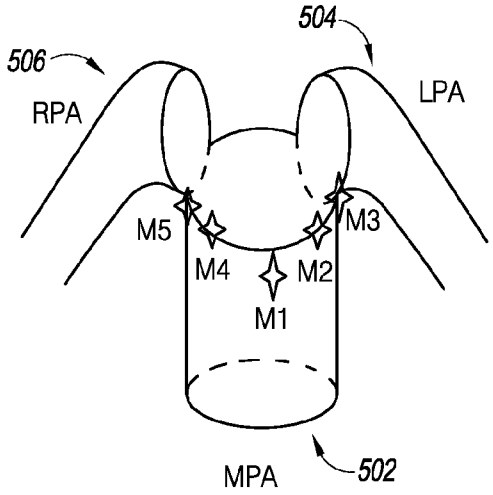


FIG. 17A

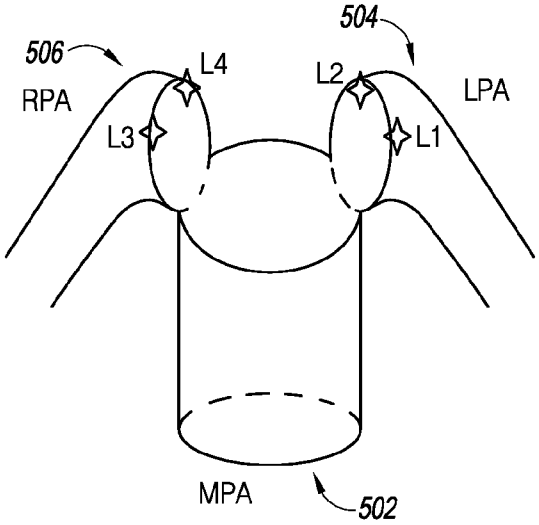


FIG. 17B

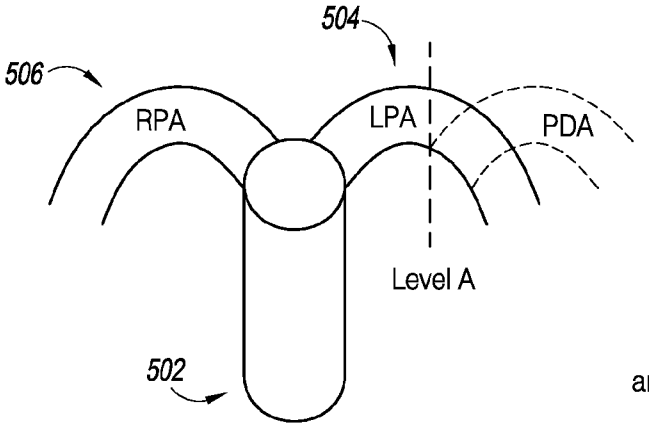


FIG. 18A

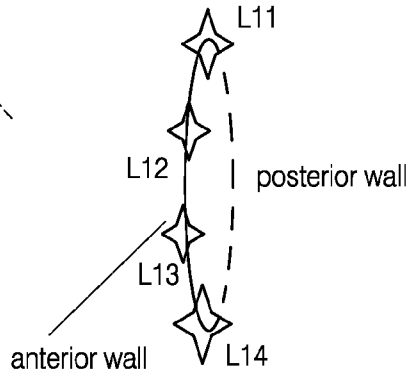


FIG. 18B

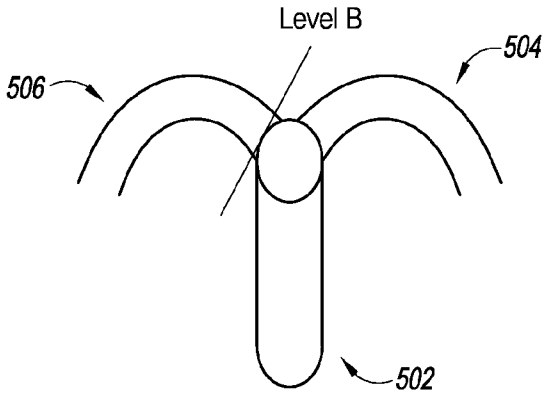


FIG. 19A

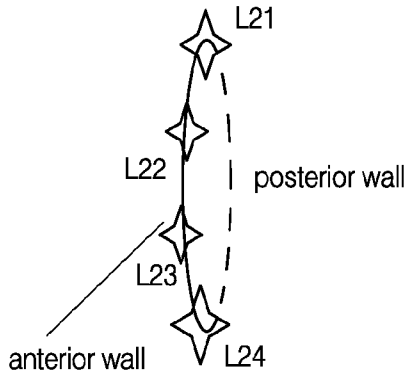


FIG. 19B

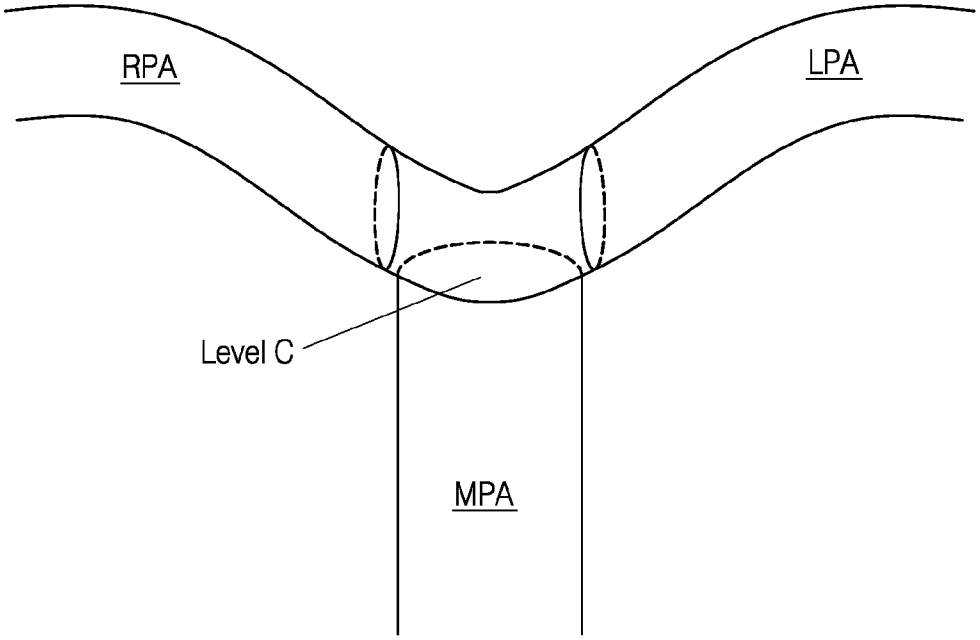
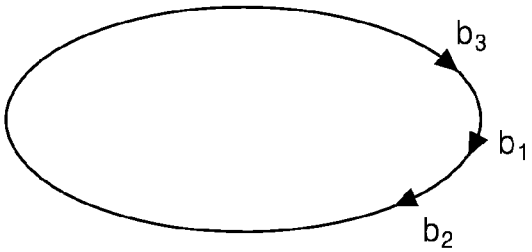


FIG. 20



Level C
Ablation Sites = b_1 - b_3

FIG. 21

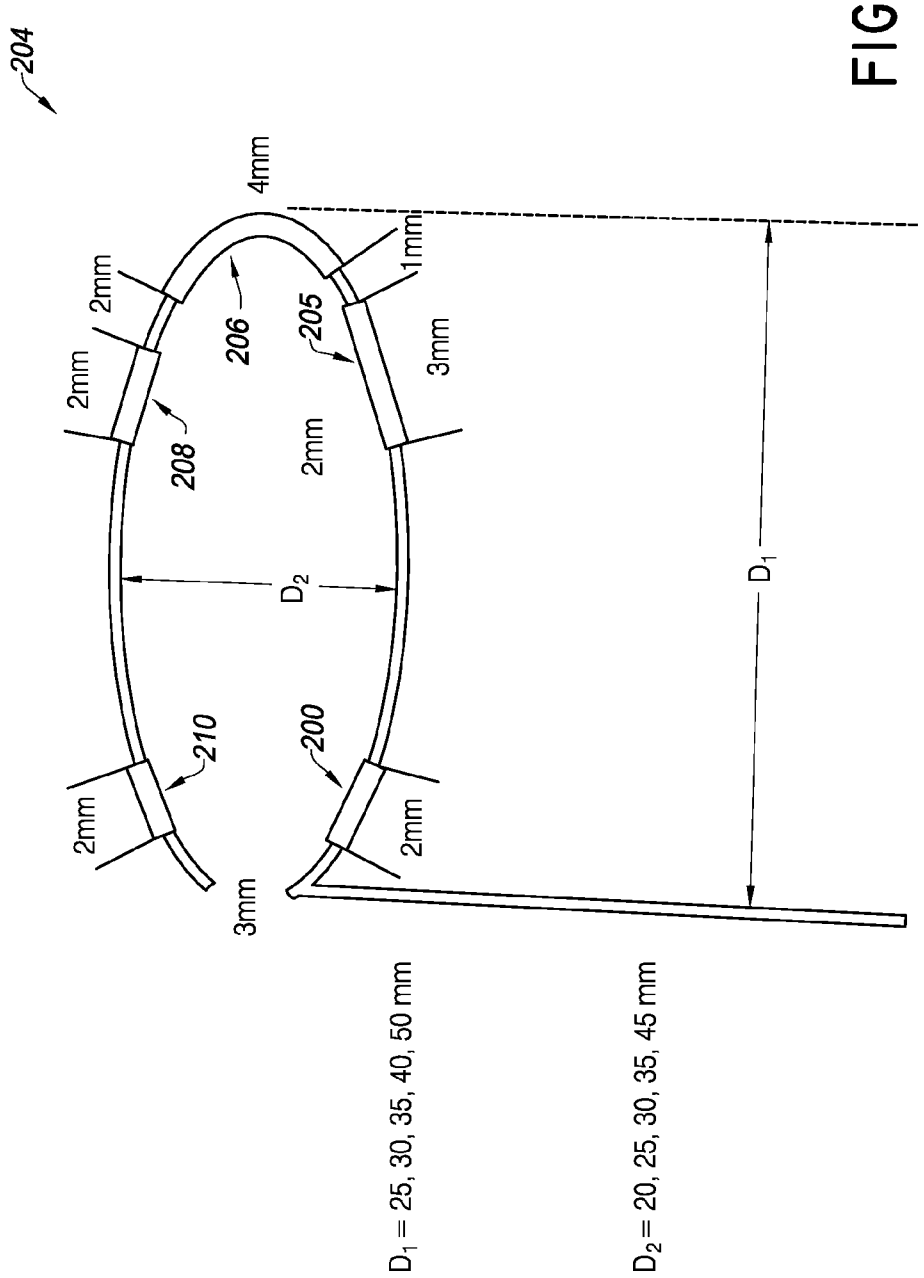

204
4mm
1mm
2mm
2mm
206
205
3mm
208
2mm
D_2
D_1
210
200
2mm
2mm
3mm
D_1 = 25, 30, 35, 40, 50 mm
D_2 = 20, 25, 30, 35, 45 mm

FIG. 22A

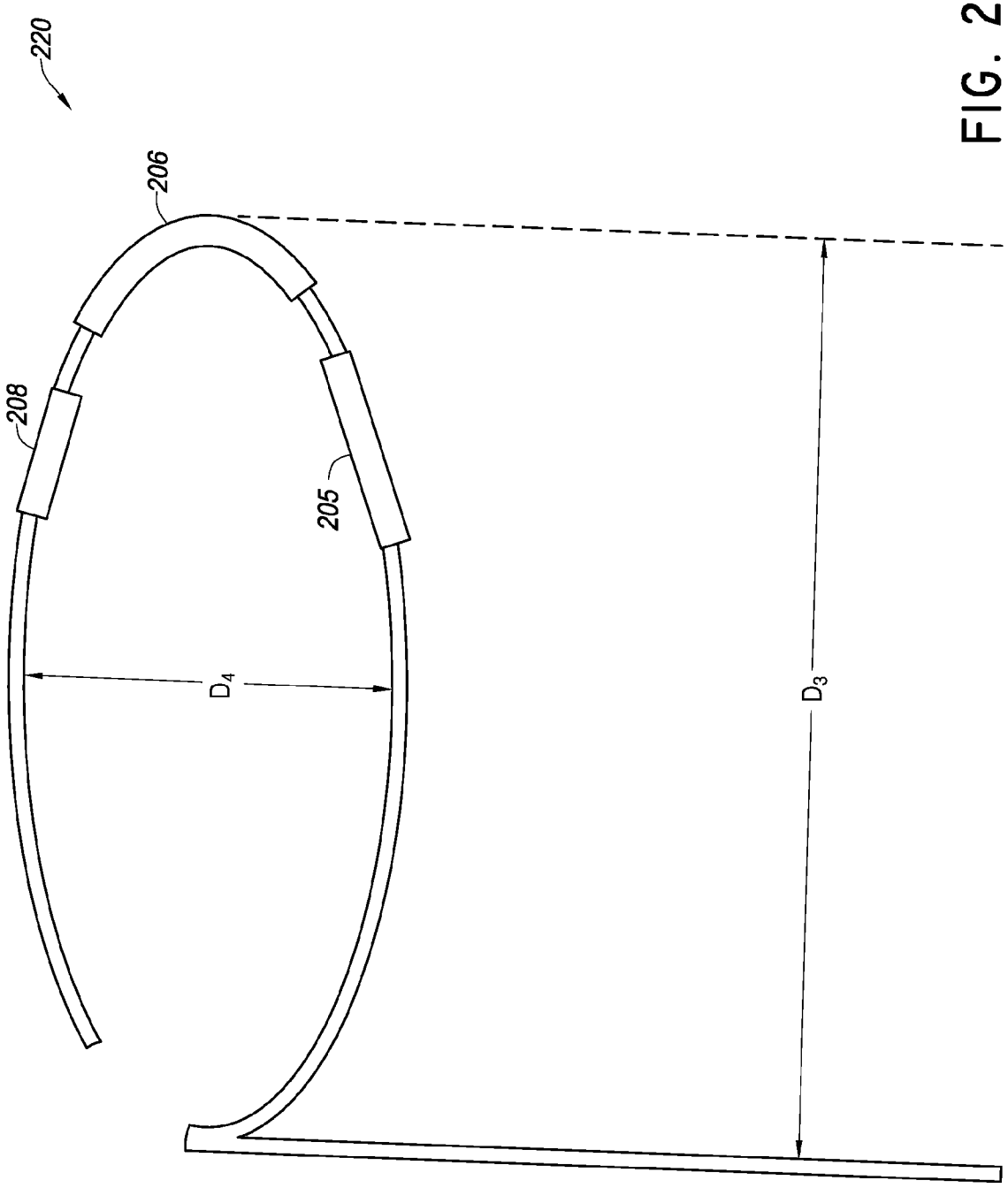


FIG. 22B

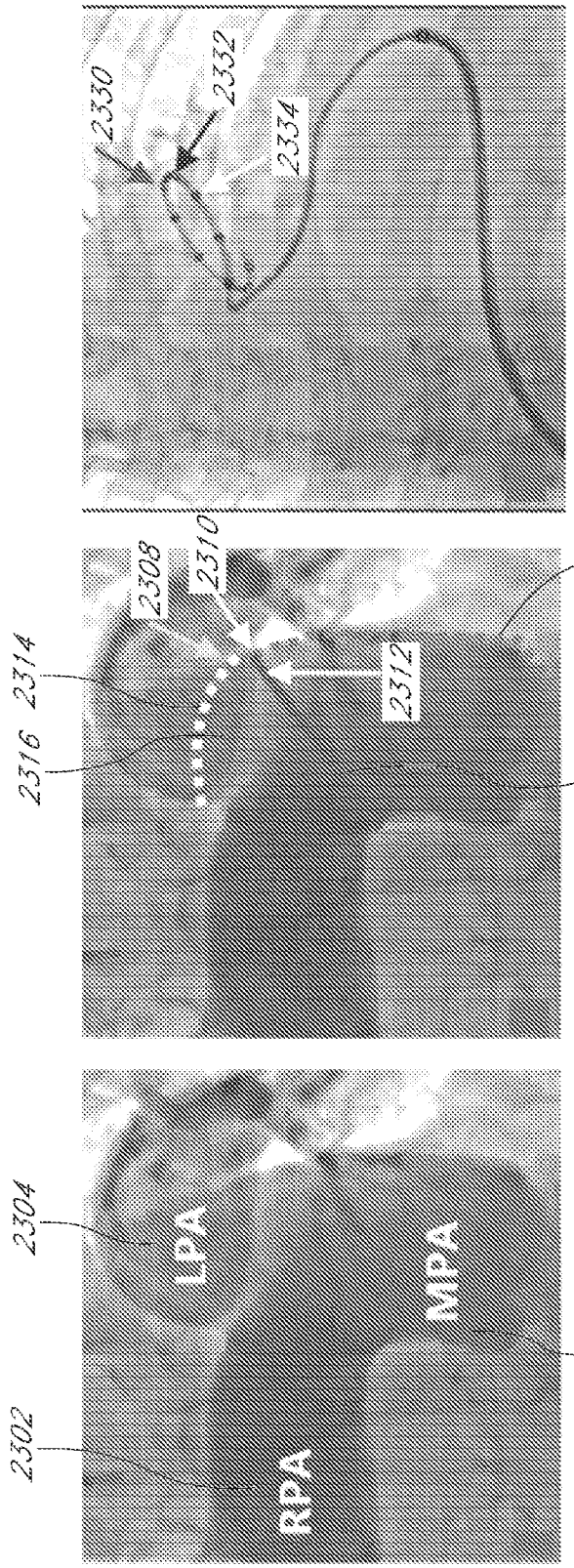


FIG. 23C

FIG. 23B

FIG. 23A

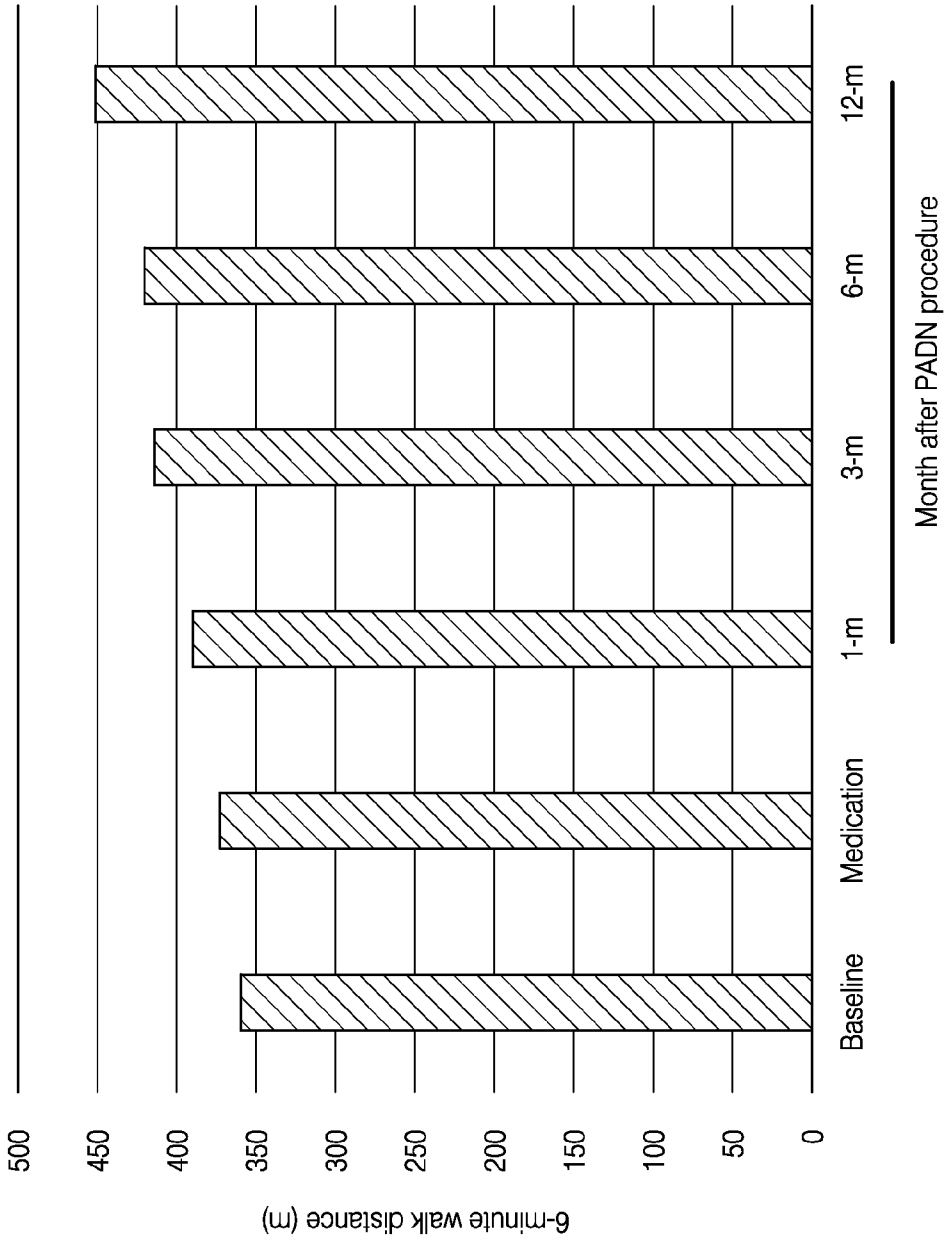

6-minute walk distance (m)
500
450
400
350
300
250
200
150
100
50
0
Baseline
Medication
1-m
3-m
6-m
12-m
Month after PADN procedure

FIG. 24A

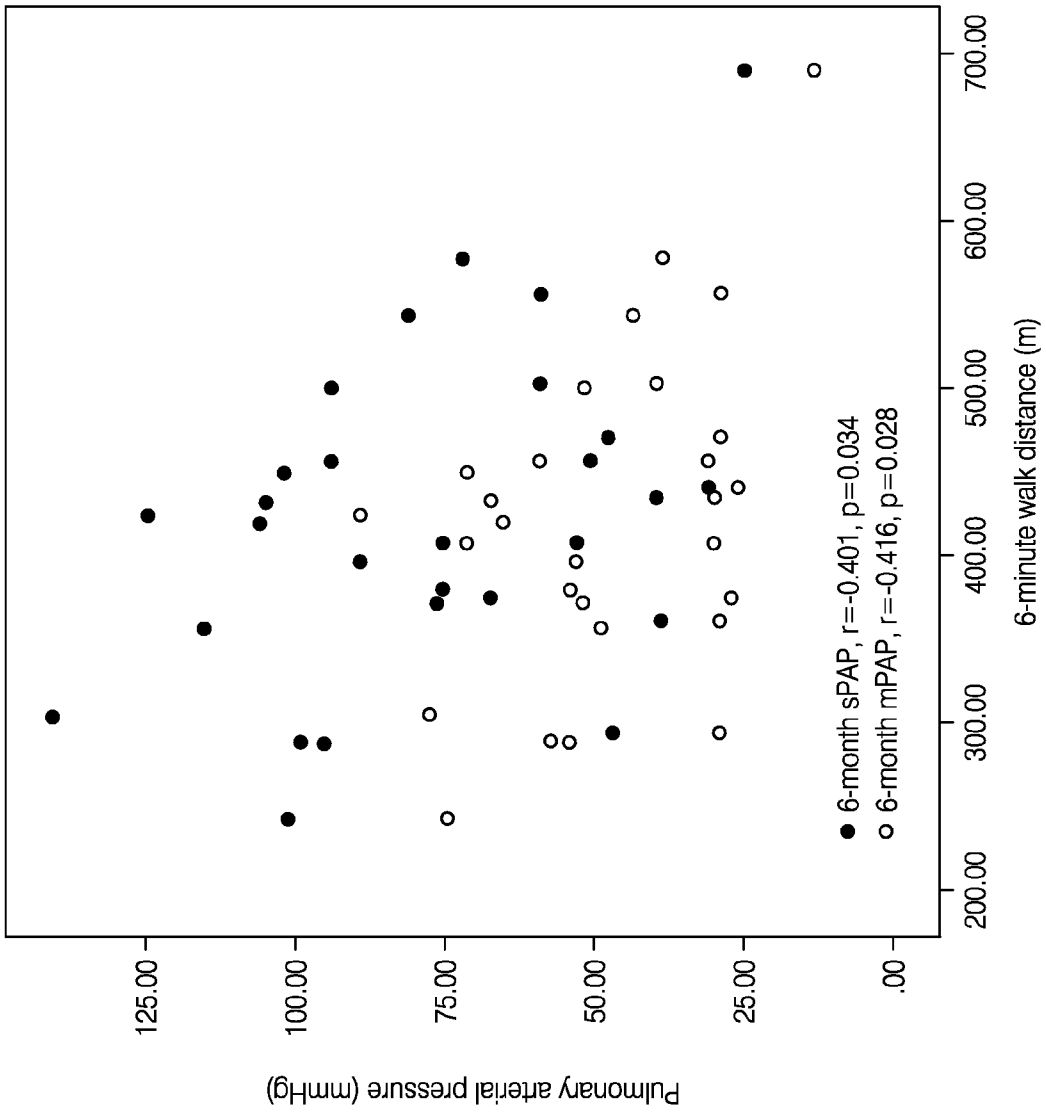

Pulmonary arterial pressure (mmHg)
125.00
100.00
75.00
50.00
25.00
.00
200.00
300.00
400.00
500.00
600.00
700.00
6-minute walk distance (m)
6-month sPAP, r=-0.401, p=0.034
6-month mPAP, r=-0.416, p=0.028

FIG. 24B

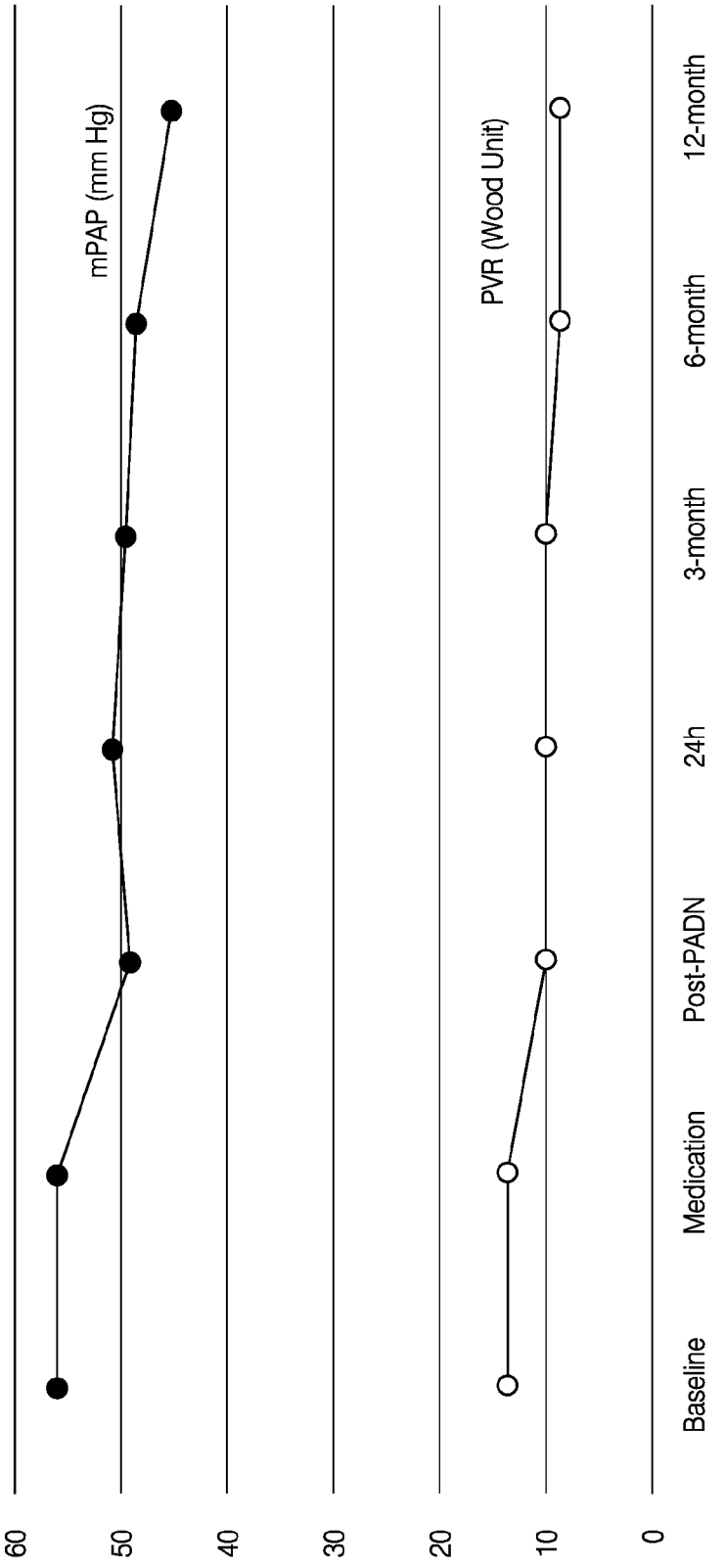

mPAP (mm Hg)
PVR (Wood Unit)
60
50
40
30
20
10
0
Baseline
Medication
Post-PADN
24h
3-month
6-month
12-month

FIG. 24C



FIG. 25A



FIG. 25B



FIG. 25C


2526
2528
2524
2522
射频调脉治疗仪
Radio frequency pulsation generator

FIG. 25D

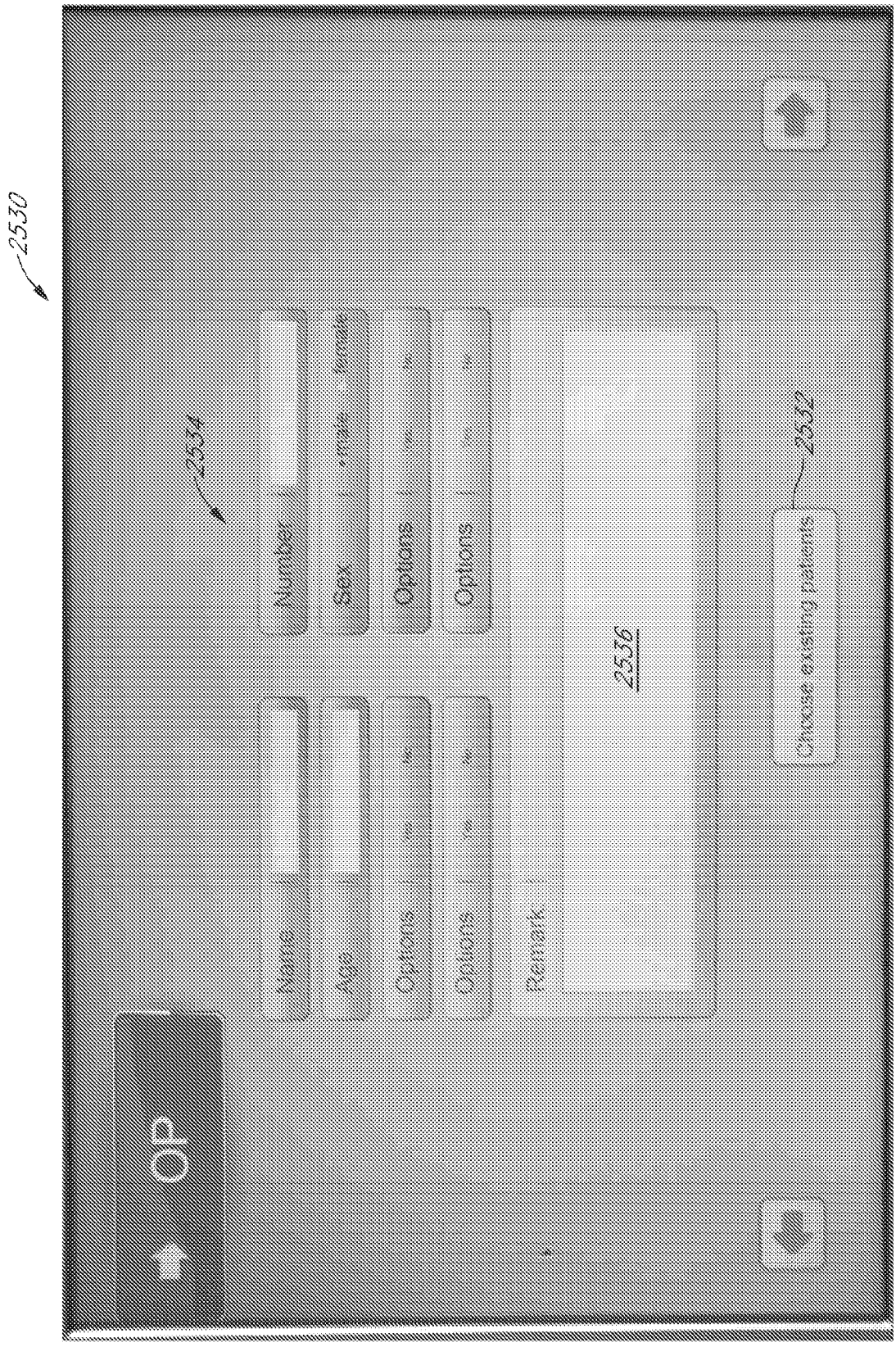

2530
2534
OP
Name
Age
Options
Options
Remark
Number
Sex
Options
Options
2536
Choose existing patients
2532

FIG. 25E

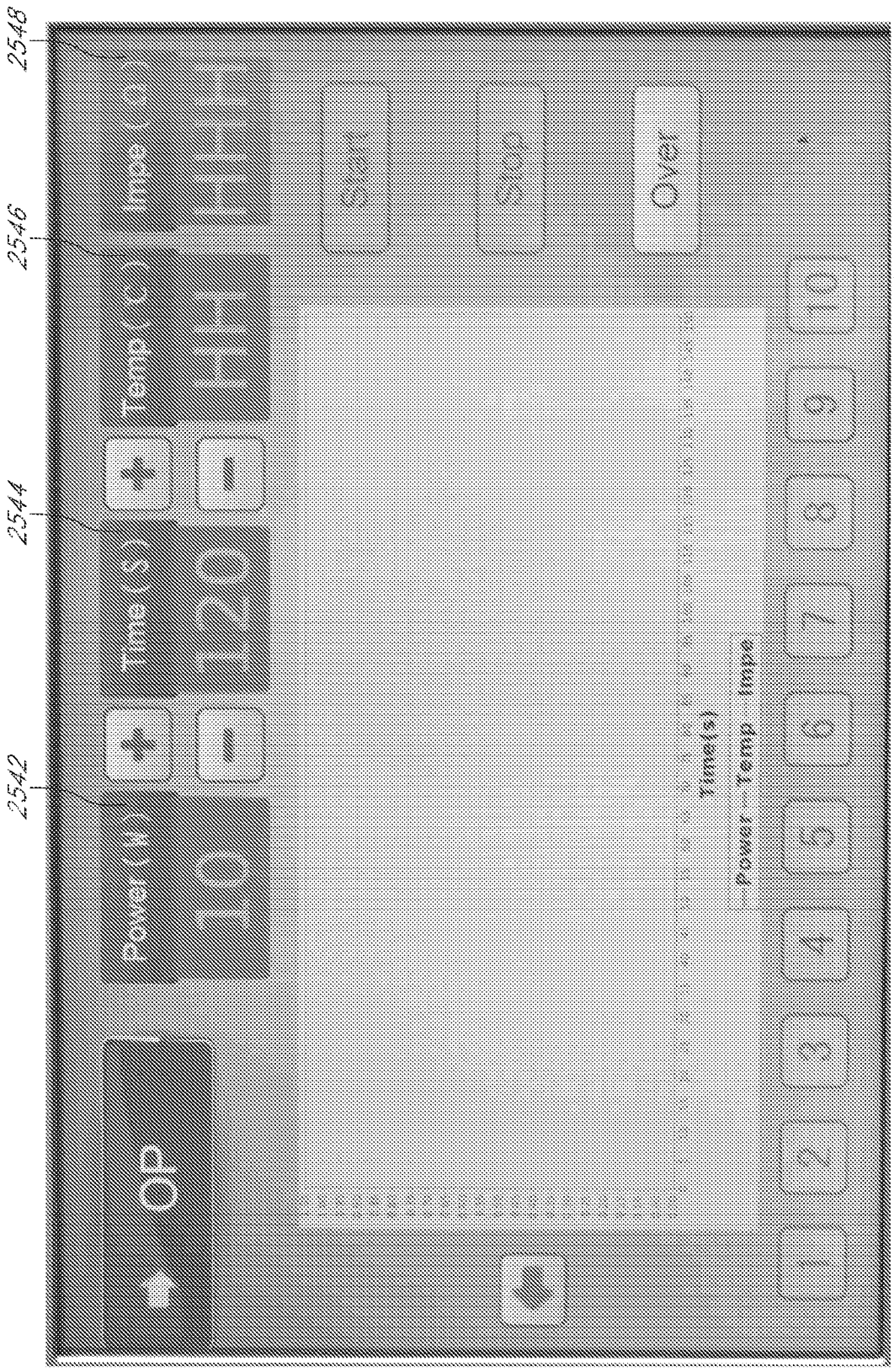

2548
2546
2544
2542
2540
Power (W)
10
Time (S)
120
Temp (°C)
HH
Impe (Ω)
HH
OP
Start
Stop
Over
Time(s)
Power
Temp
Impe
1
2
3
4
5
6
7
8
9
10

FIG. 25F

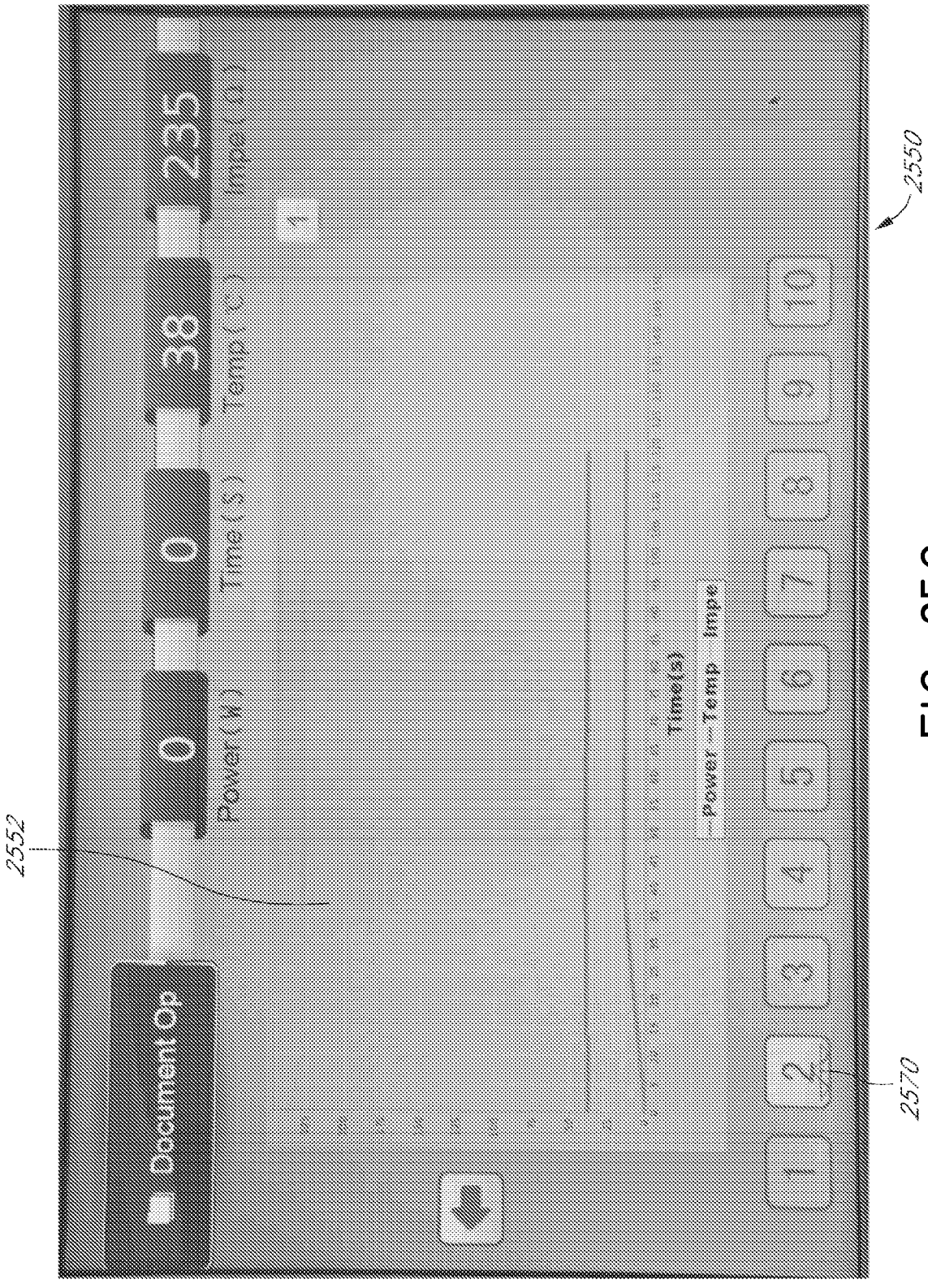

Document Op
0
Power (W)
0
Time (S)
38
Temp (°C)
235
Impe (Ω)
1
Time(s)
Power
Temp
Impe
1
2
3
4
5
6
7
8
9
10
2552
2550
2570

FIG. 25G

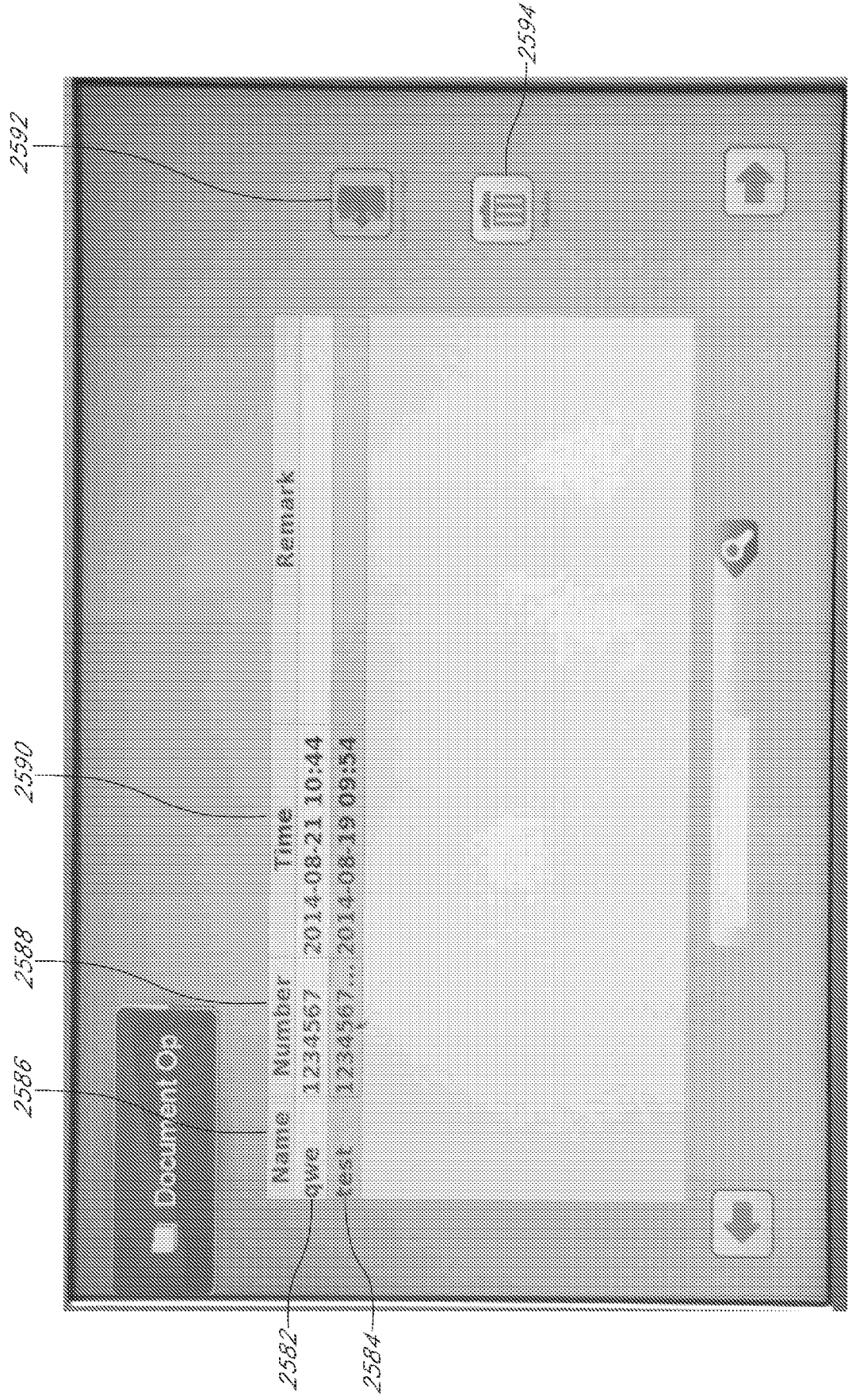

2592
2594
2580
2590
2588
2586
2582
2584
Document0p
Name Number Time Remark
qwe 1234567 2014-08-21 10:44
test 1234567... 2014-08-19 09:54

FIG. 25H

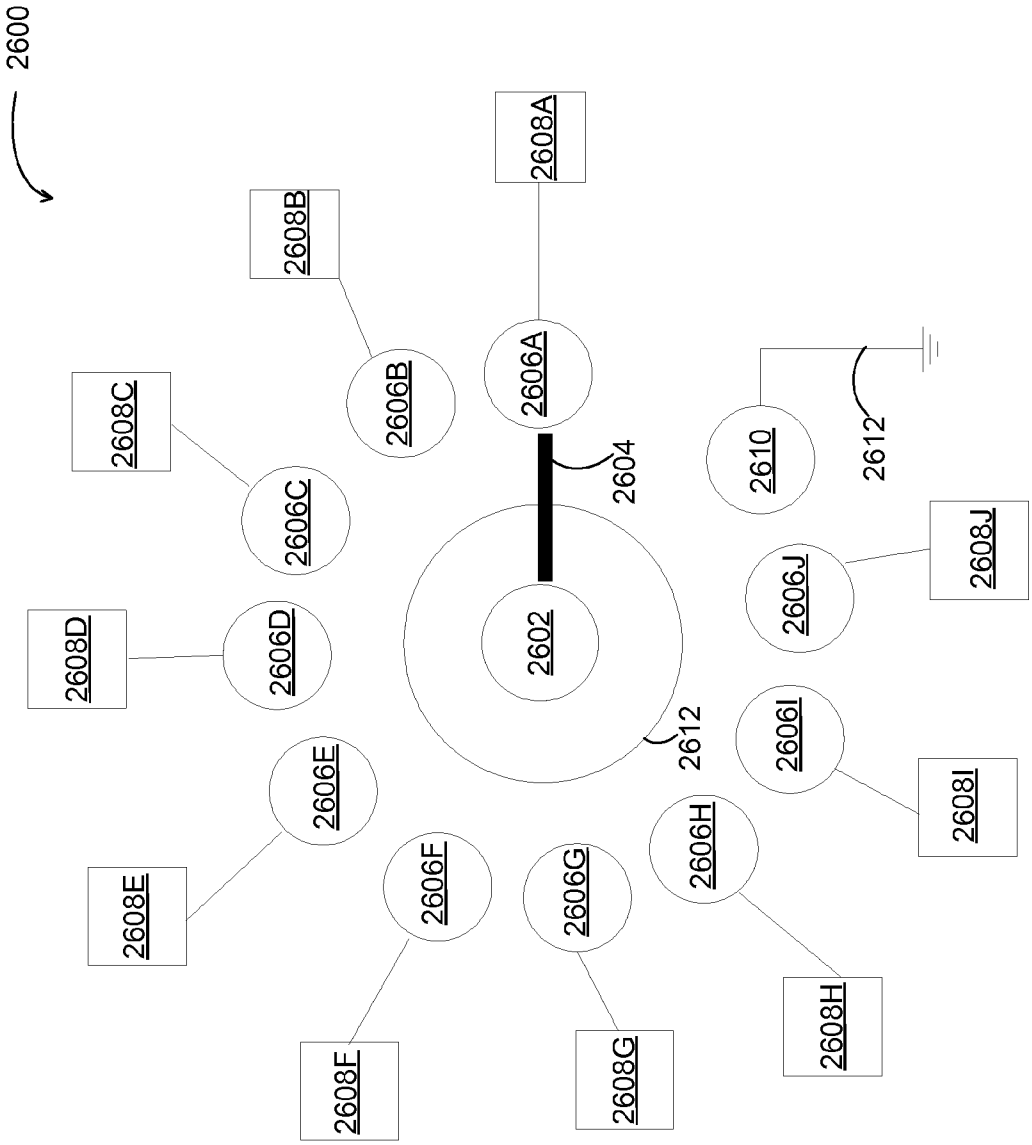

2600
2608A
2608B
2606A
2606B
2608C
2606C
2604
2610
2612
2608D
2606D
2602
2606J
2608J
2606E
2606I
2608E
2606F
2606G
2606H
2608I
2612
2608F
2608G
2608H

FIG. 26

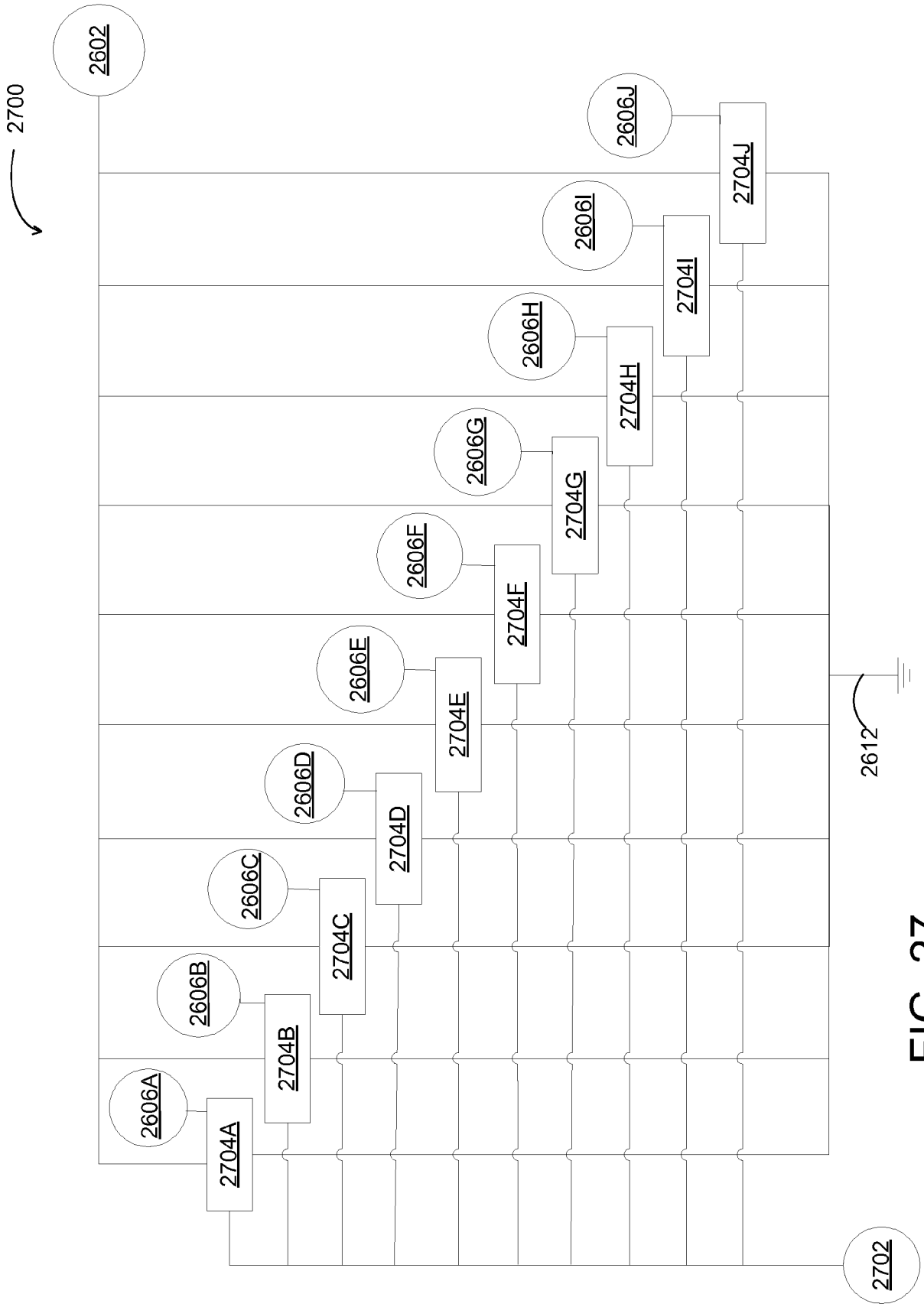

2700
2602
2606A
2704A
2606B
2704B
2606C
2704C
2606D
2704D
2606E
2704E
2606F
2704F
2606G
2704G
2606H
2704H
2606I
2704I
2606J
2704J
2612
2702

FIG. 27

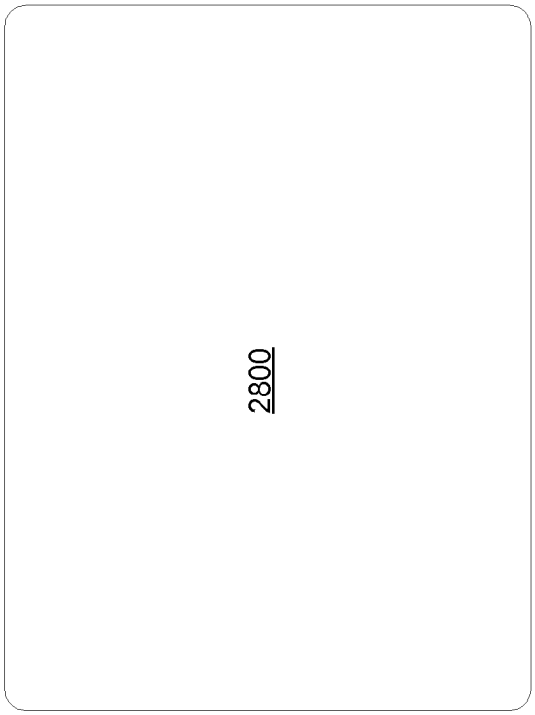


FIG .28