FIG. 1

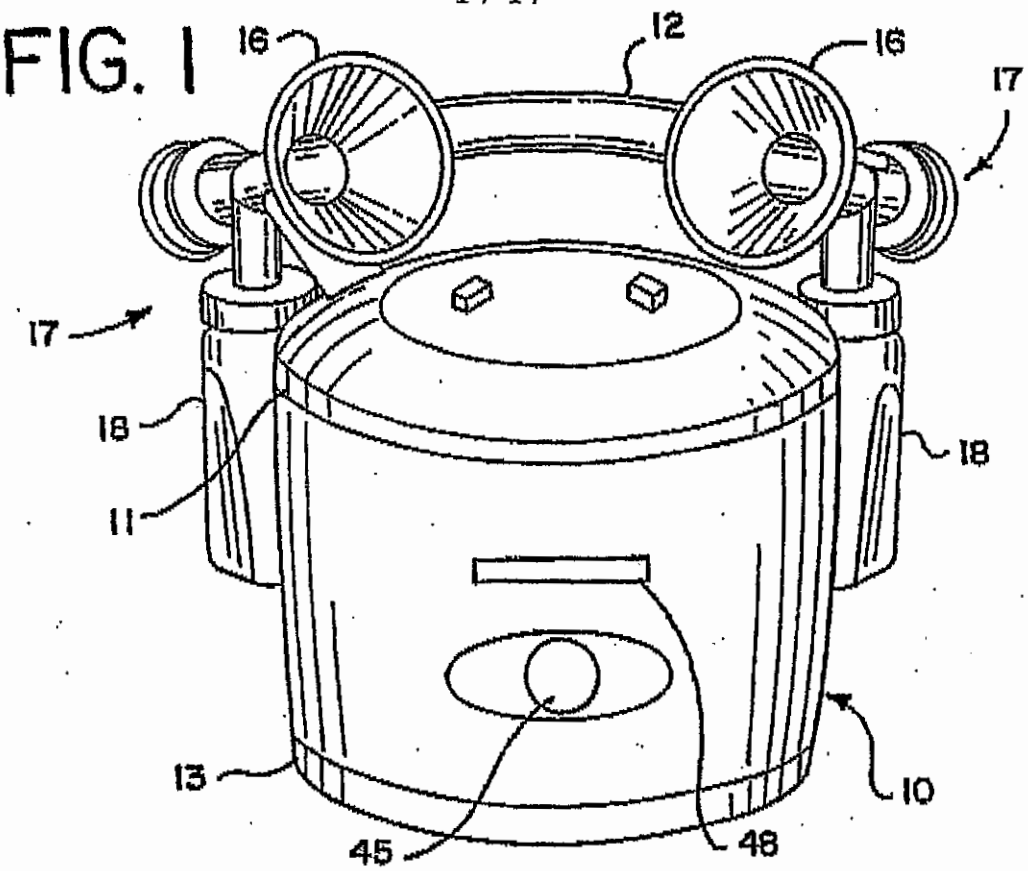


FIG. 2

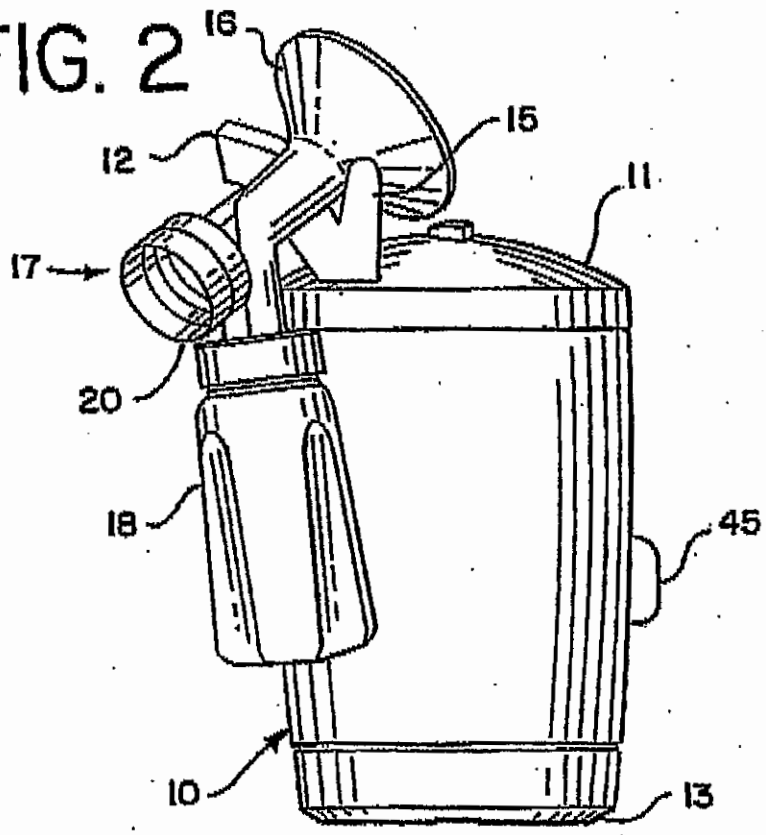


FIG. 3

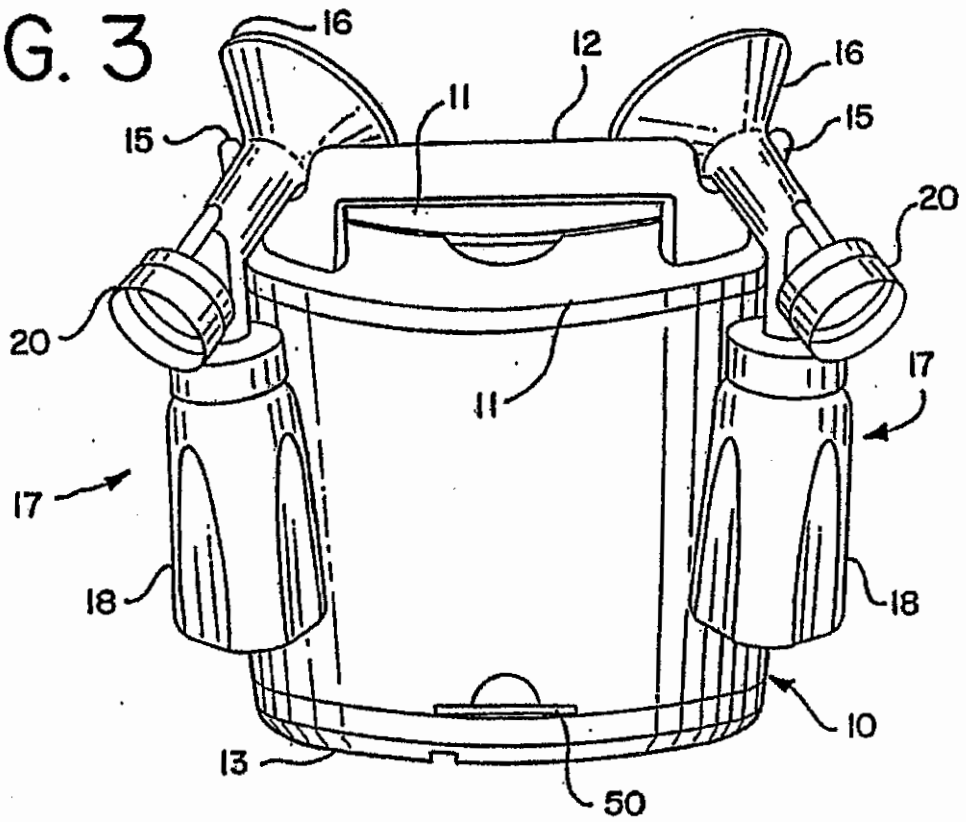

16
12
16
11
15
15
20
20
11
17
17
18
18
10
13
50

FIG. 4

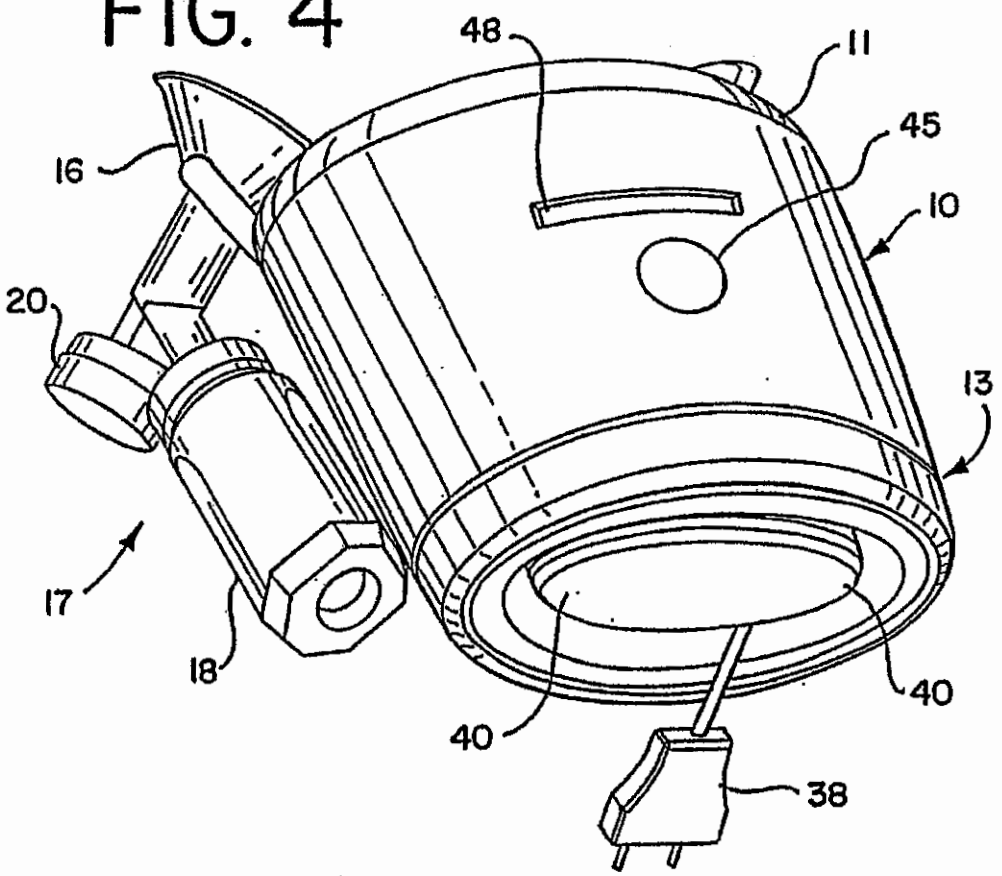

48
11
45
16
10
20
13
17
18
40
40
38

FIG. 5

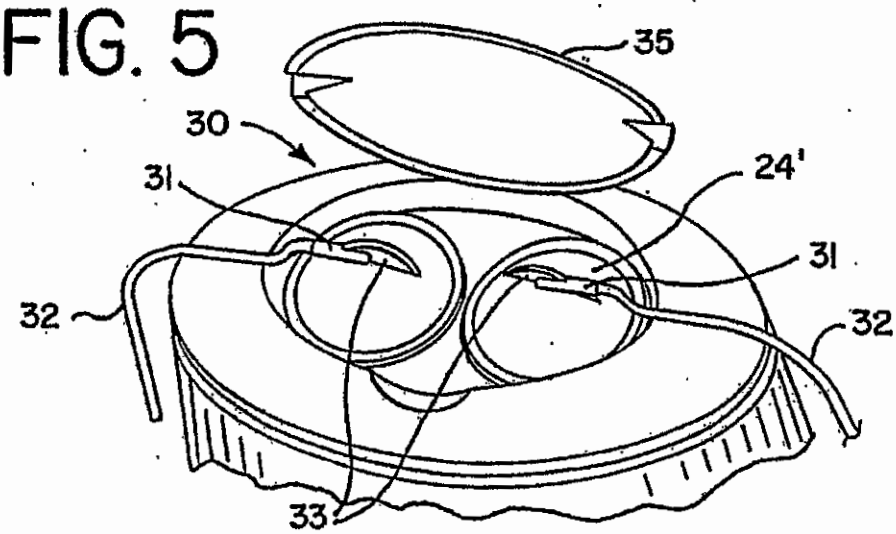


FIG. 6

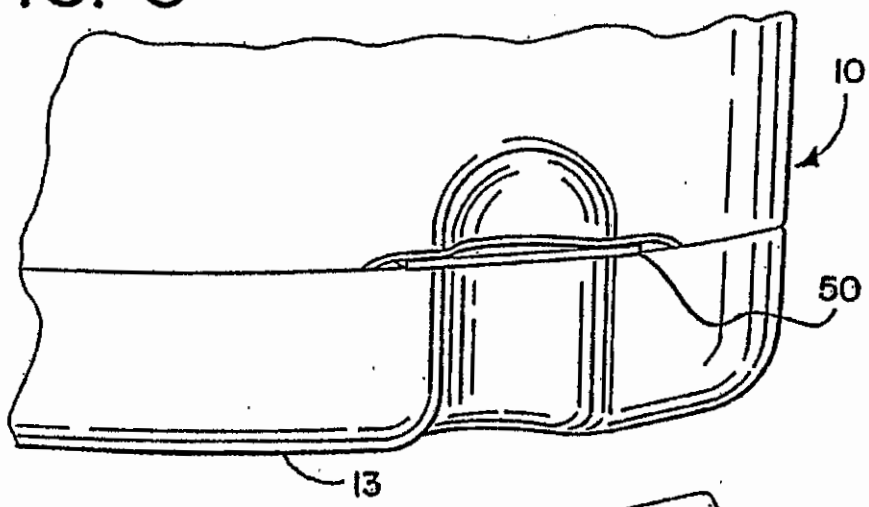


FIG. 7

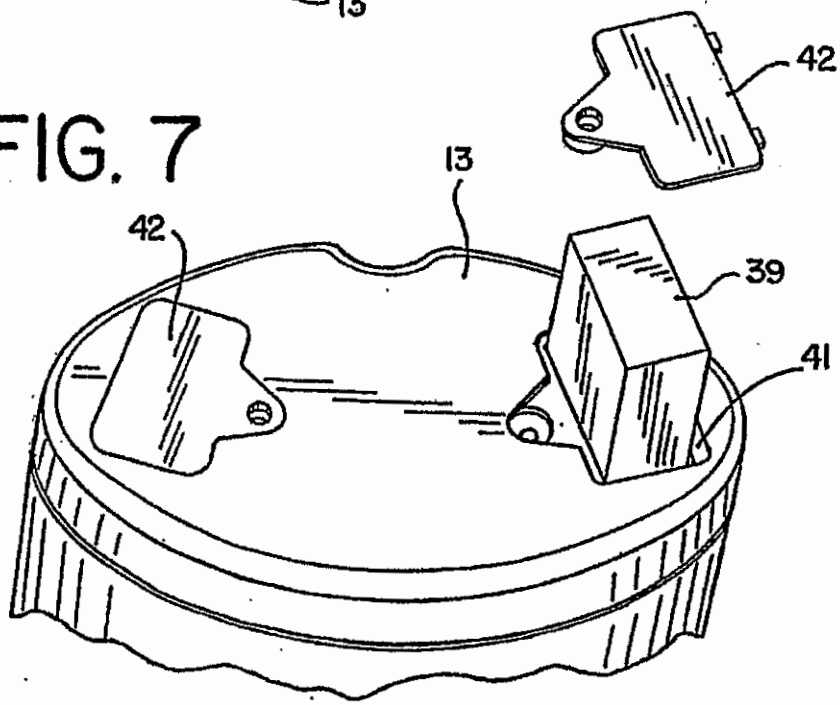


FIG. 8

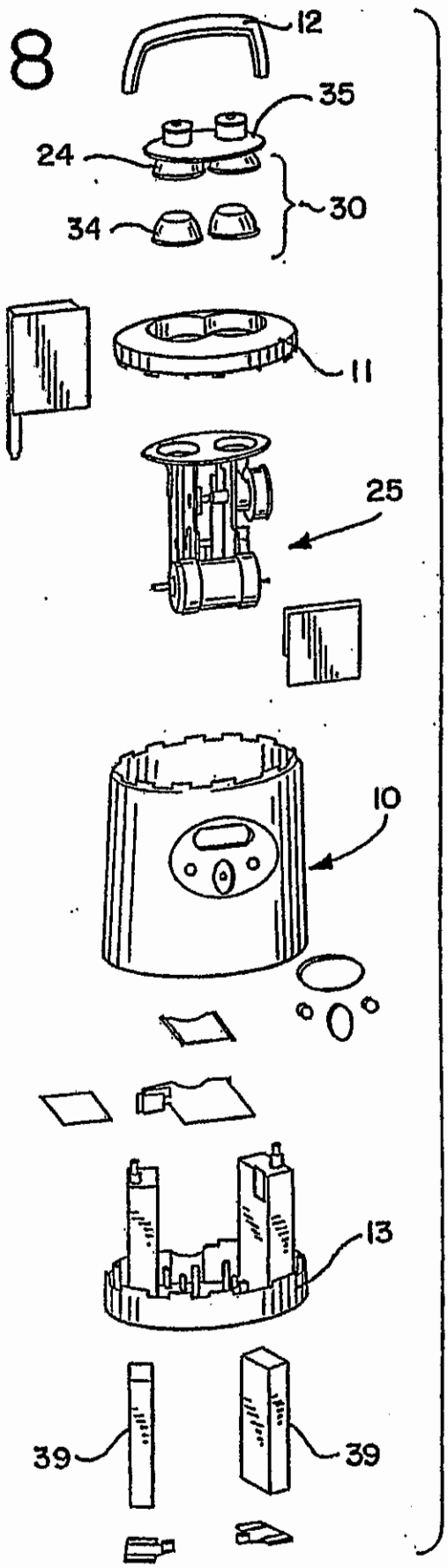


FIG. 9

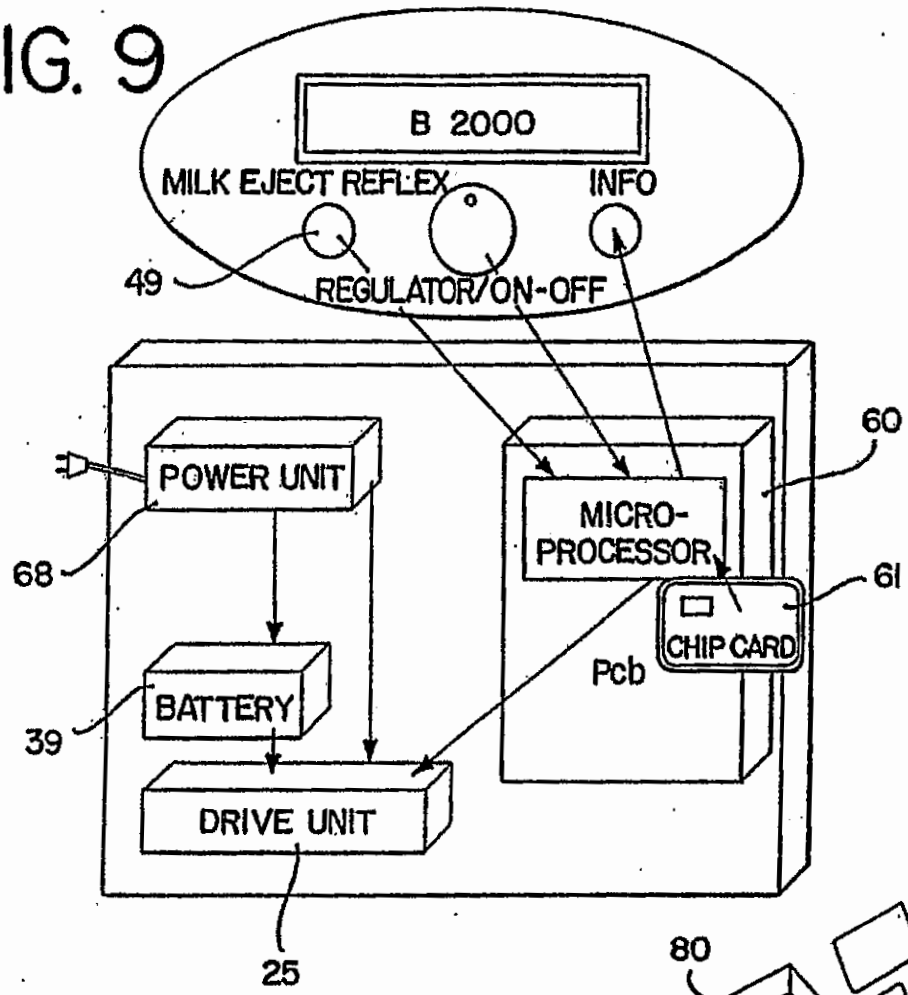

B 2000
MILK EJECT REFLEX
INFO
49
REGULATOR/ON-OFF
60
POWER UNIT
MICRO-PROCESSOR
68
61
CHIP CARD
Pcb
BATTERY
39
DRIVE UNIT
25

FIG. 10

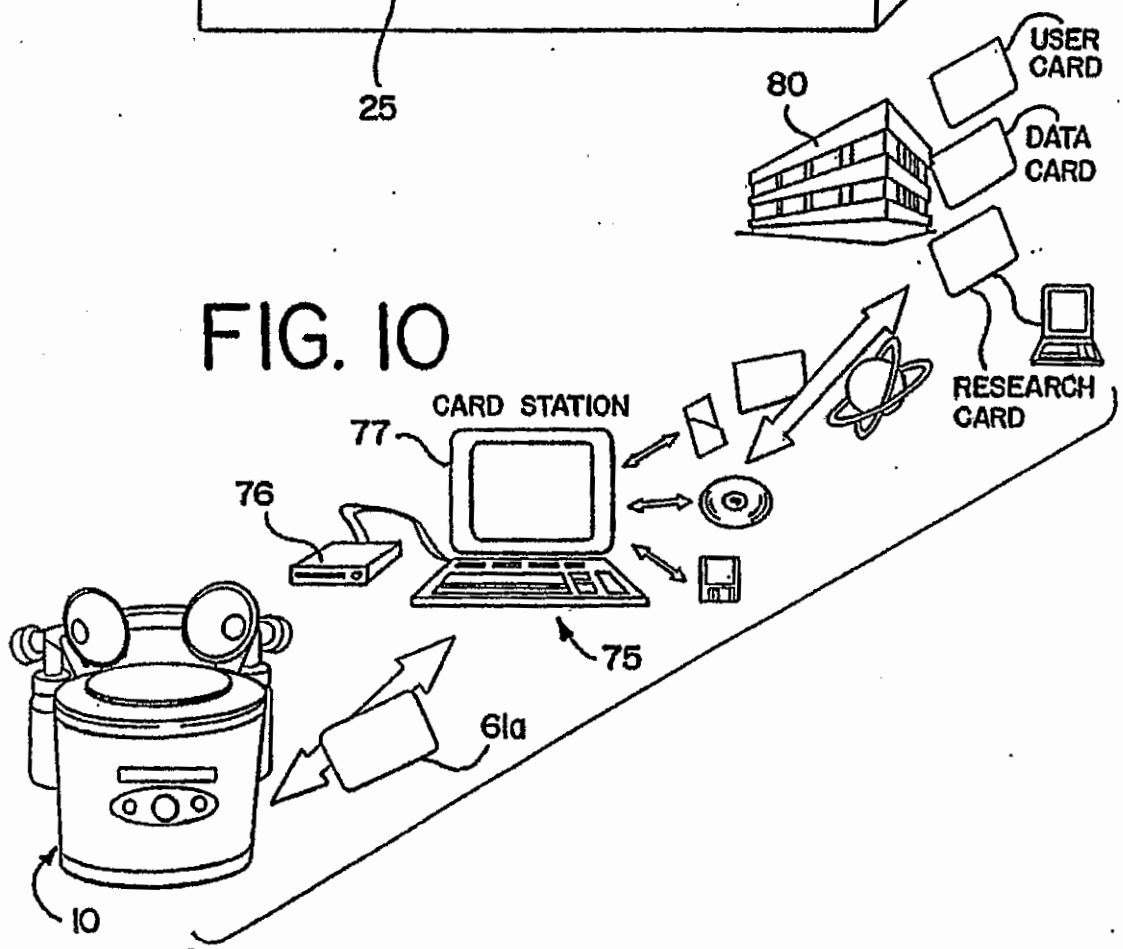
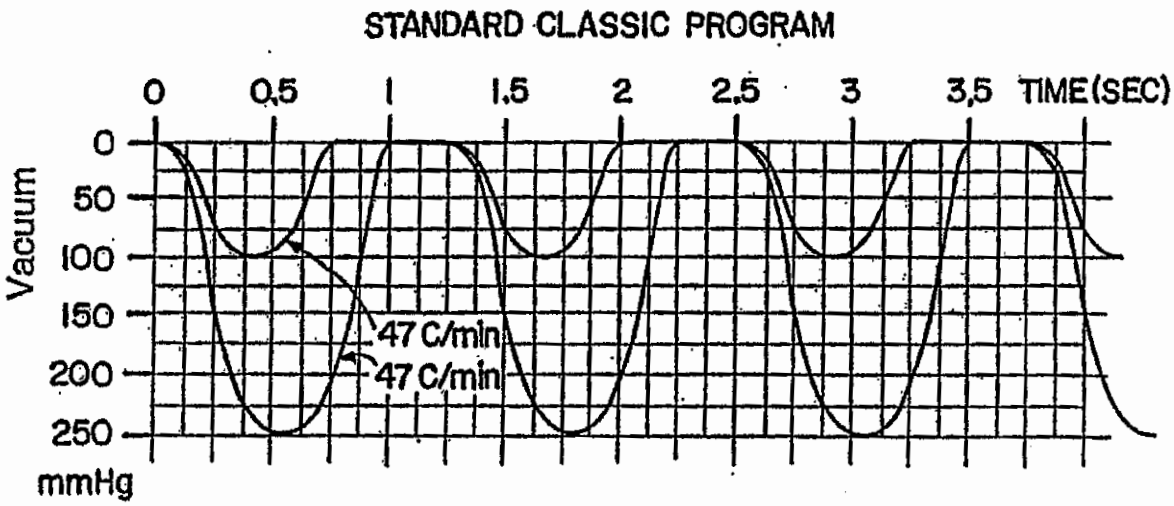
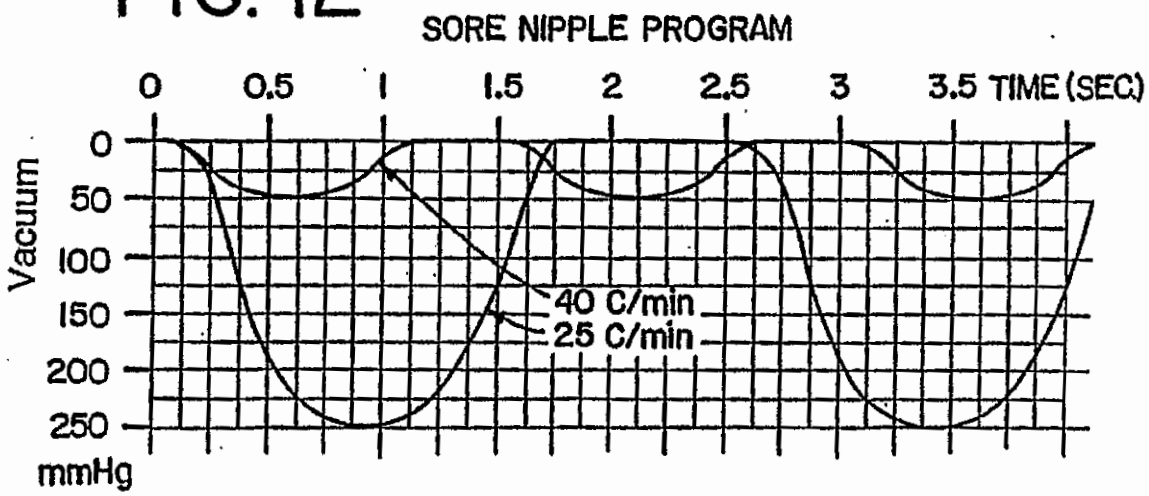

USER CARD
80
DATA CARD
RESEARCH CARD
CARD STATION
77
76
75
61a
10

FIG. 11



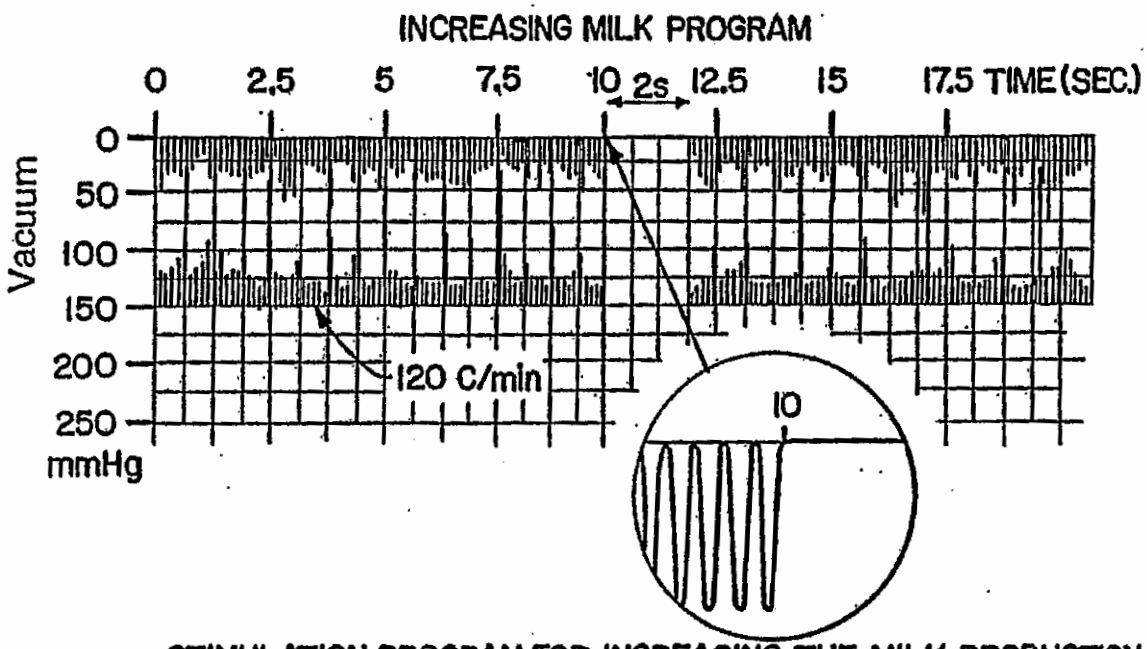
SUCTION CURVES AND CYCLES EQUAL TO CLASSIC
VACUUM RANGE: 100-250mmHg
CYCLES: 47/min (NOT ADJUSTABLE)

FIG. 12



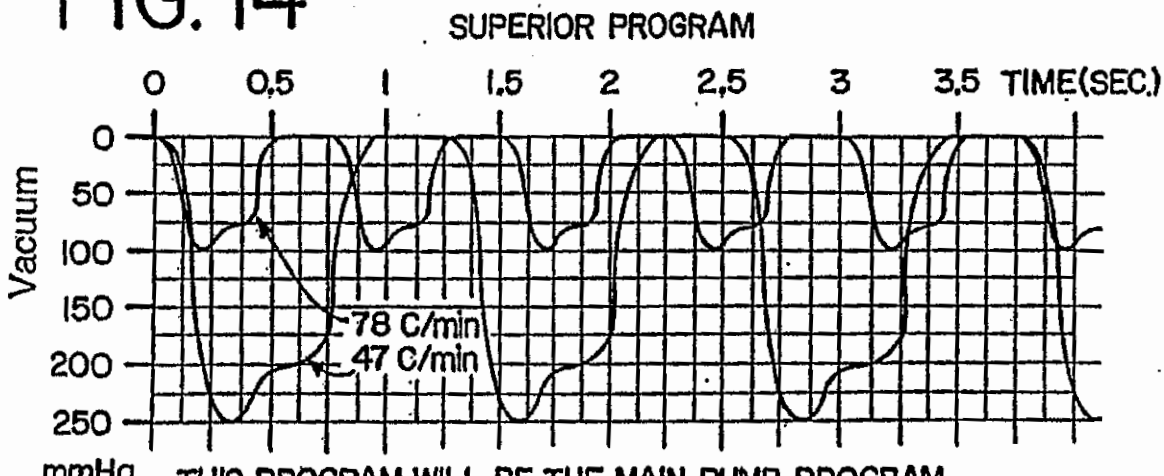
EXTREMELY GENTLE AND SLOW SUCTION
DECREASED VACUUM YIELDS GENTLER AND SLOWER SUCTION
VACUUM RANGE: 20-250
CYCLES: 25-40/min (CONTROLLED BY VACUUM LEVEL)

FIG. 13



STIMULATION PROGRAM FOR INCREASING THE MILK PRODUCTION
IT IS USED BETWEEN THE PUMP SESSIONS A FEW TIMES A DAY
VACUUM RANGE: 50-150mmHg
CYCLES: 120/min

FIG. 14



THIS PROGRAM WILL BE THE MAIN PUMP PROGRAM.
THE FINAL CURVE AND CYCLES HAVE TO BE
EVALUATED BY RESEARCHING.
VACUUM RANGE: 100-250 mmHg
CYCLES: 47-78/min AUTOMATICALLY

THIS PROGRAM CONTAINS ALSO THE MILK LET DOWN PROGRAM
VACUUM RANGE: 50-150mmHg
CYCLES: 120-150/min

FIG. 15

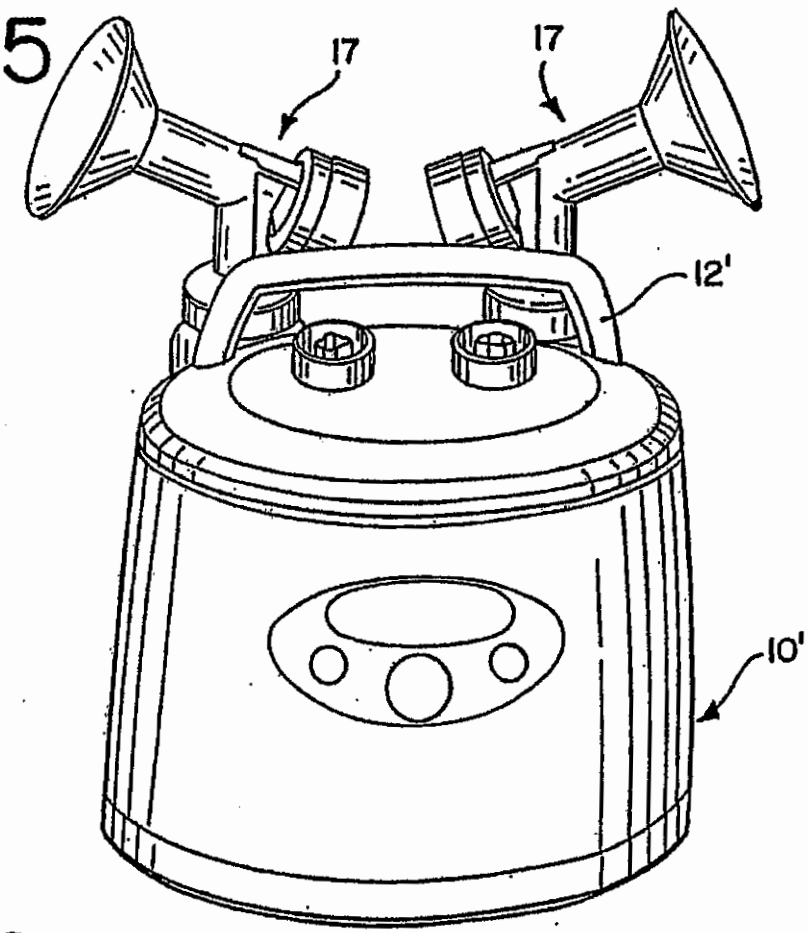


FIG. 16

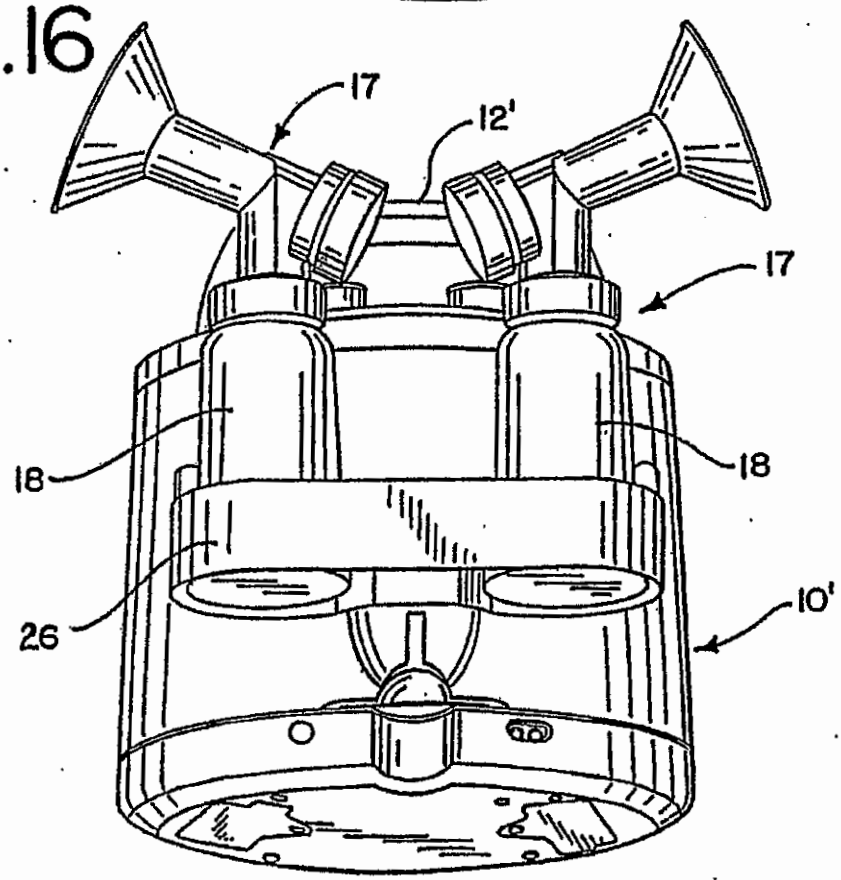


FIG. 17

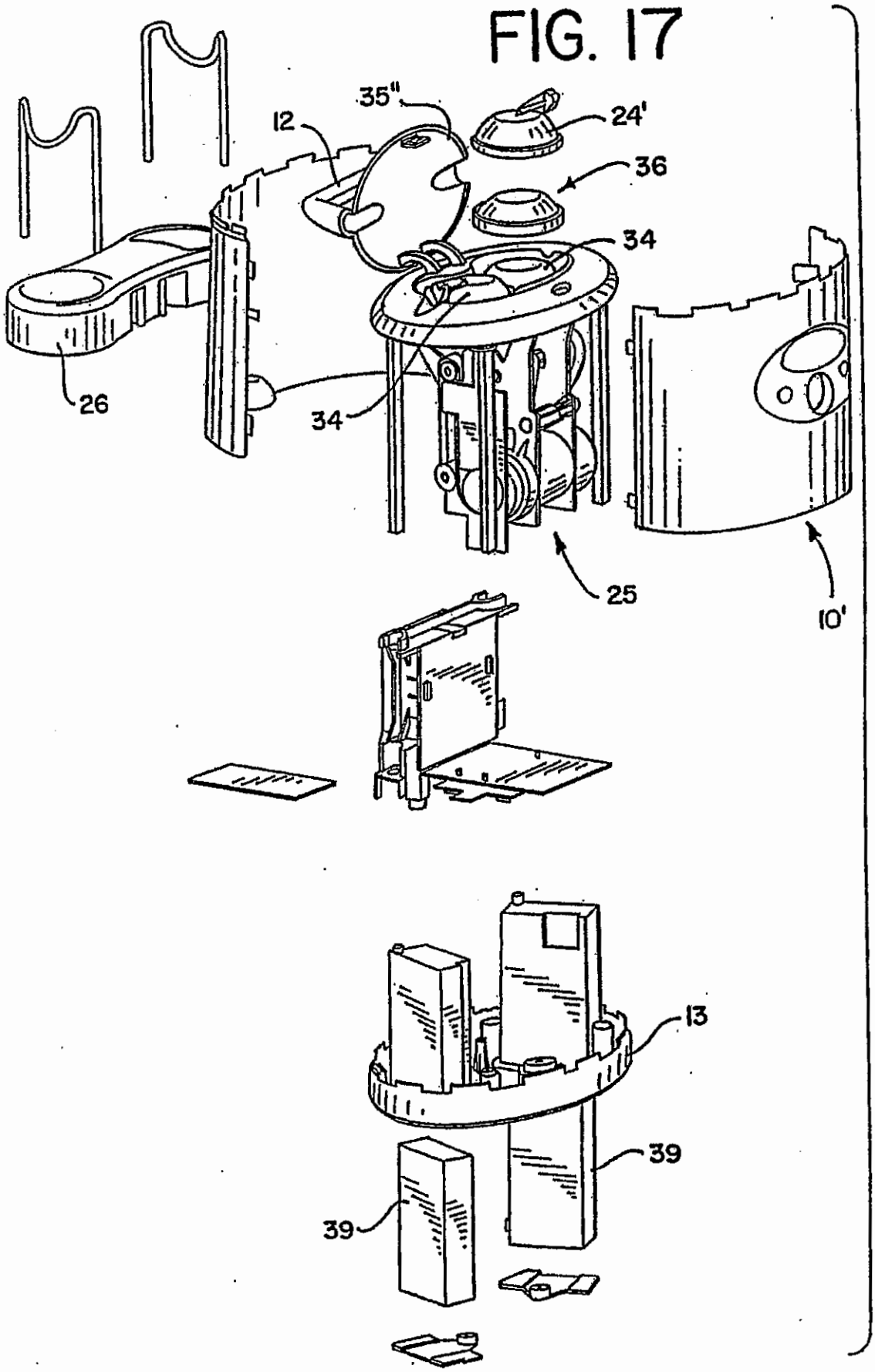


FIG. 19

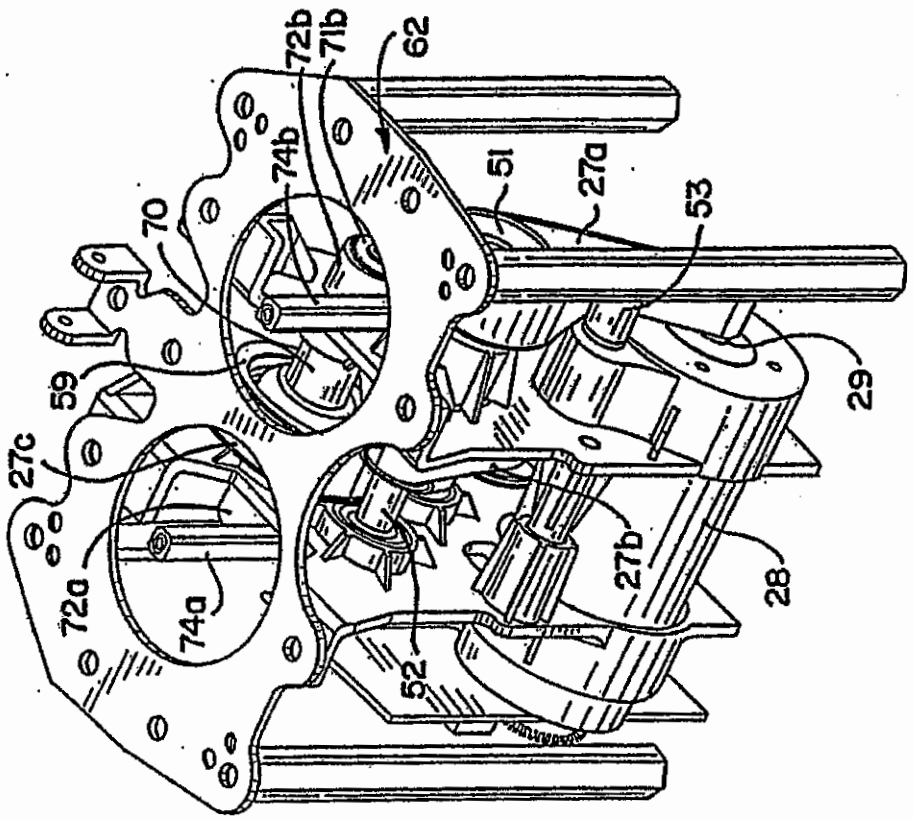

72b
71b
62
74b
51
27a
53
70
59
29
27c
72a
74a
27b
28
52

FIG. 18

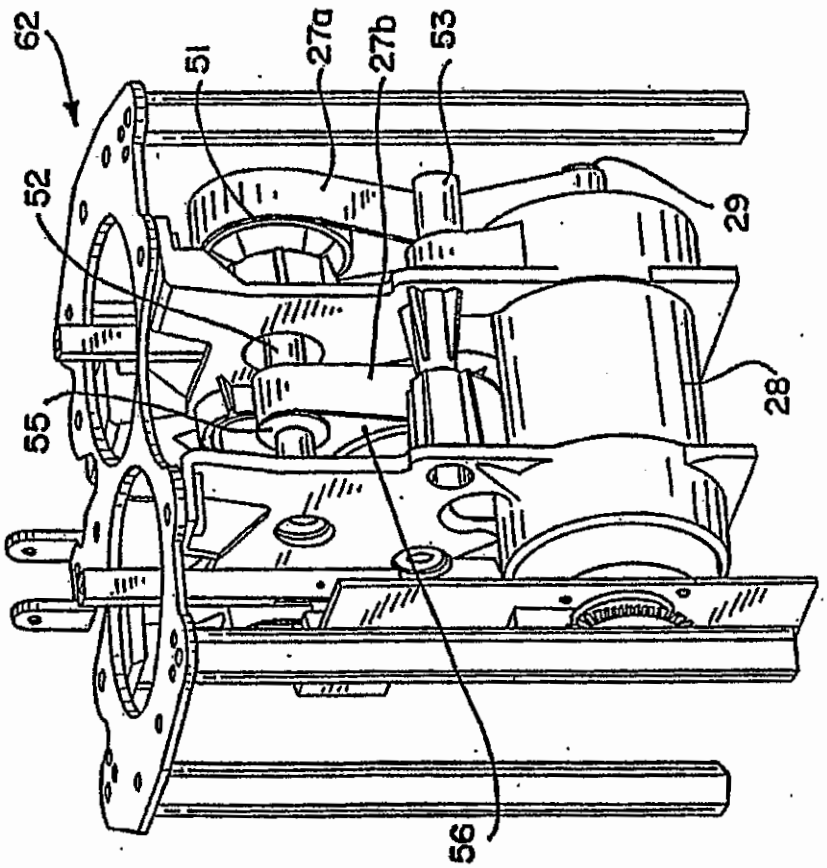

62
51
27a
27b
53
52
29
28
55
56

FIG. 20

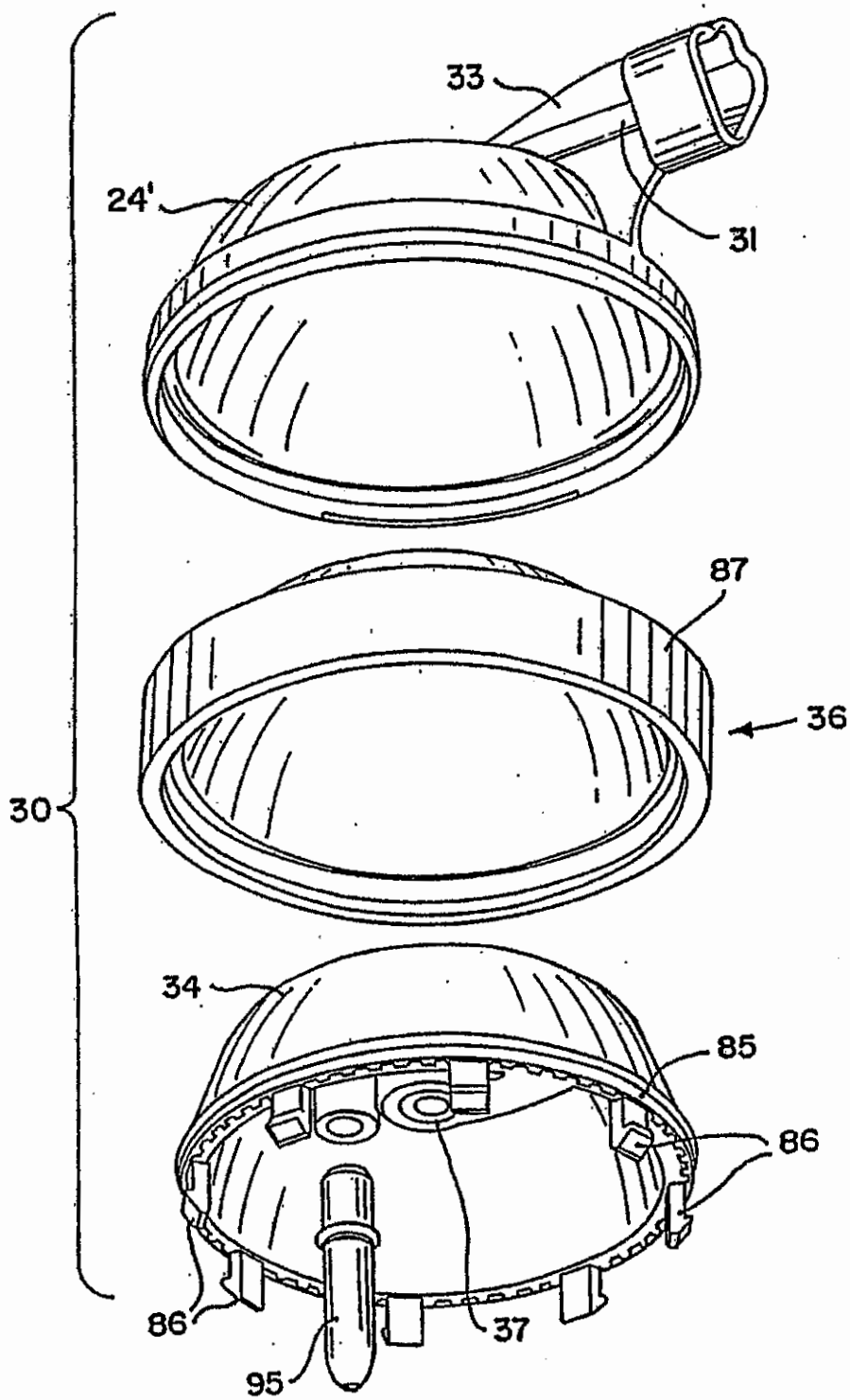


FIG. 21a

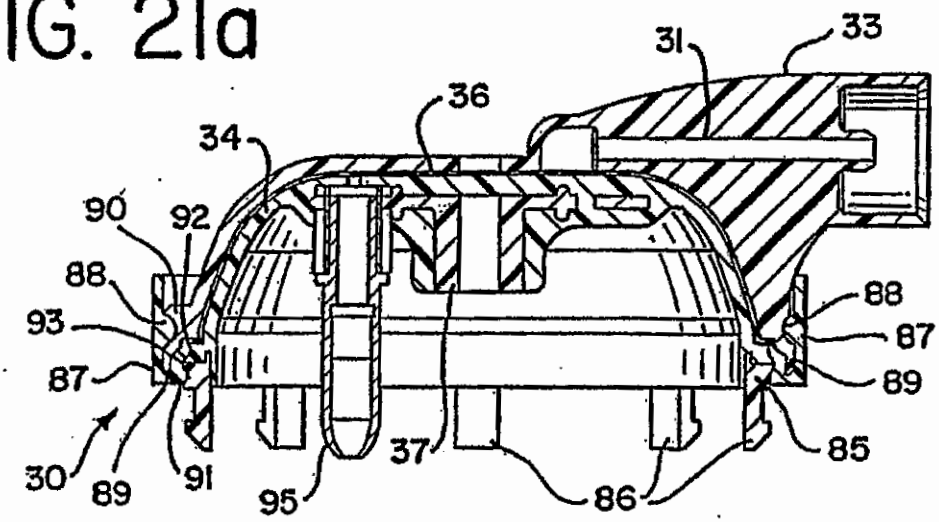


FIG. 21b

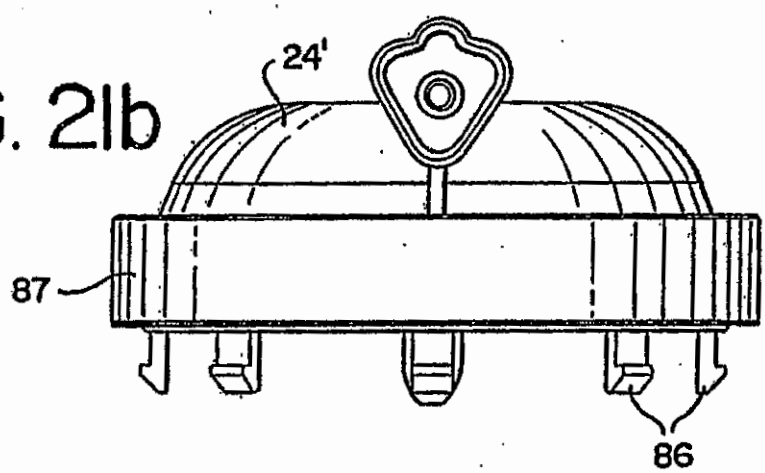


FIG. 21c

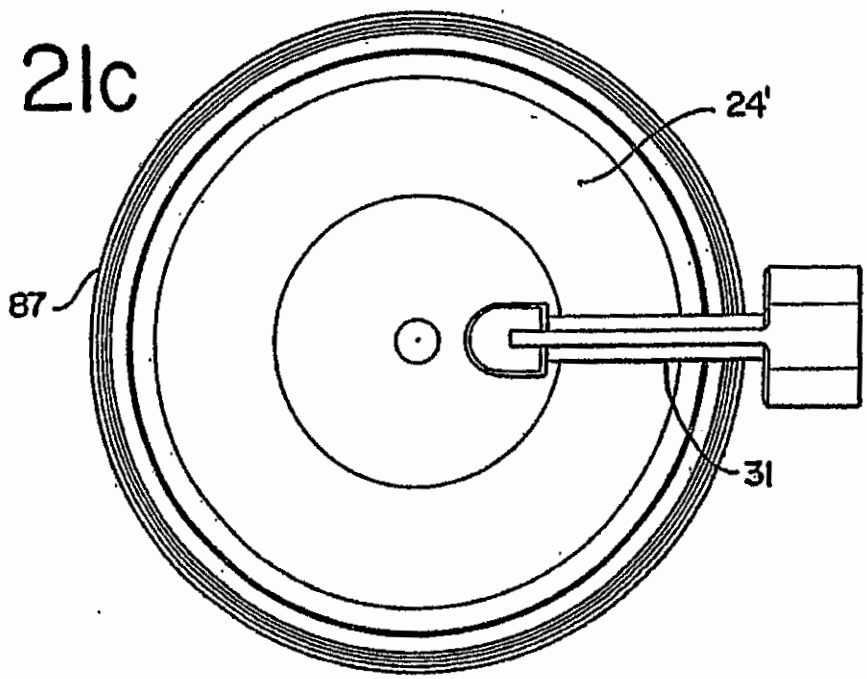


FIG. 22

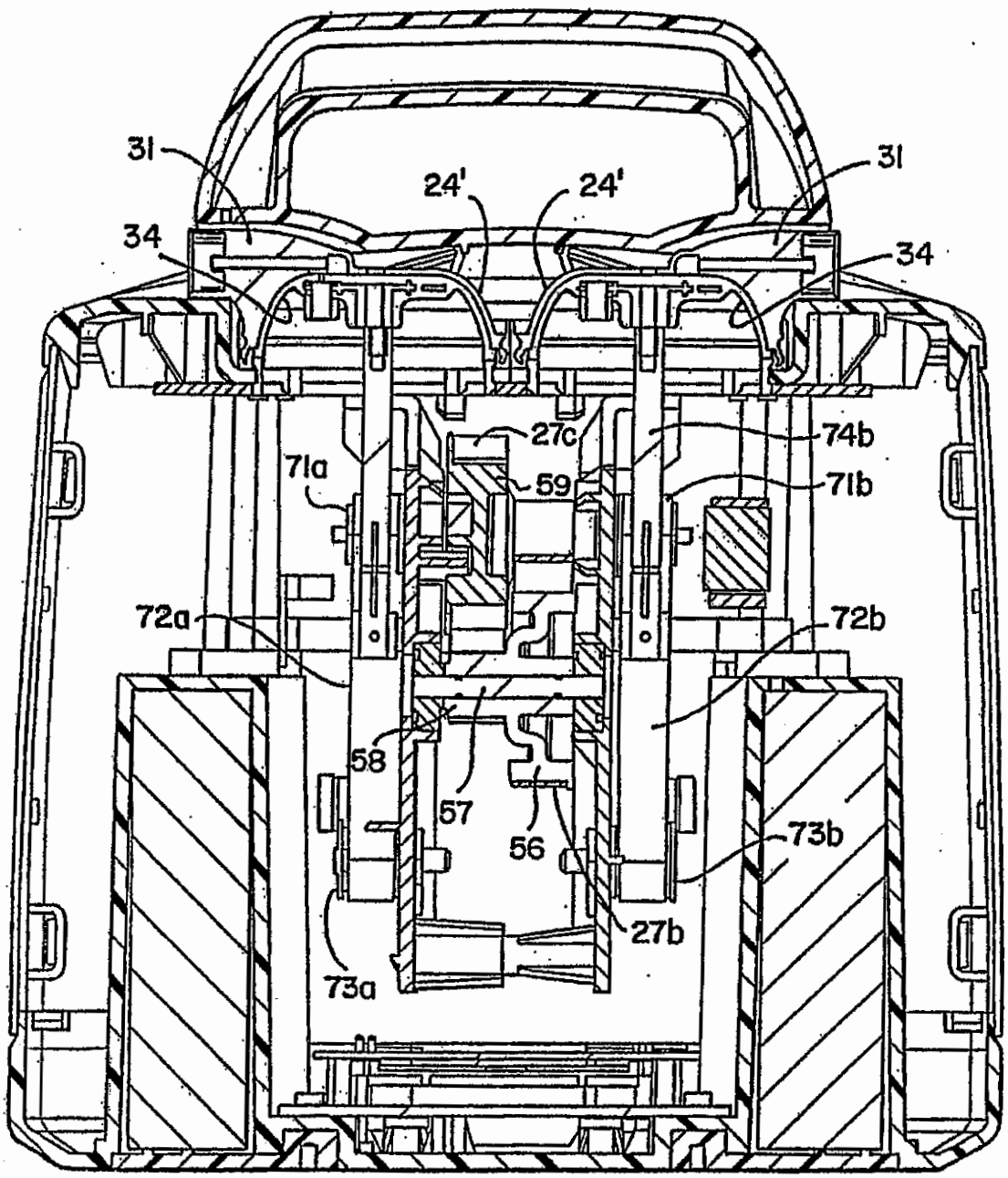


FIG. 23

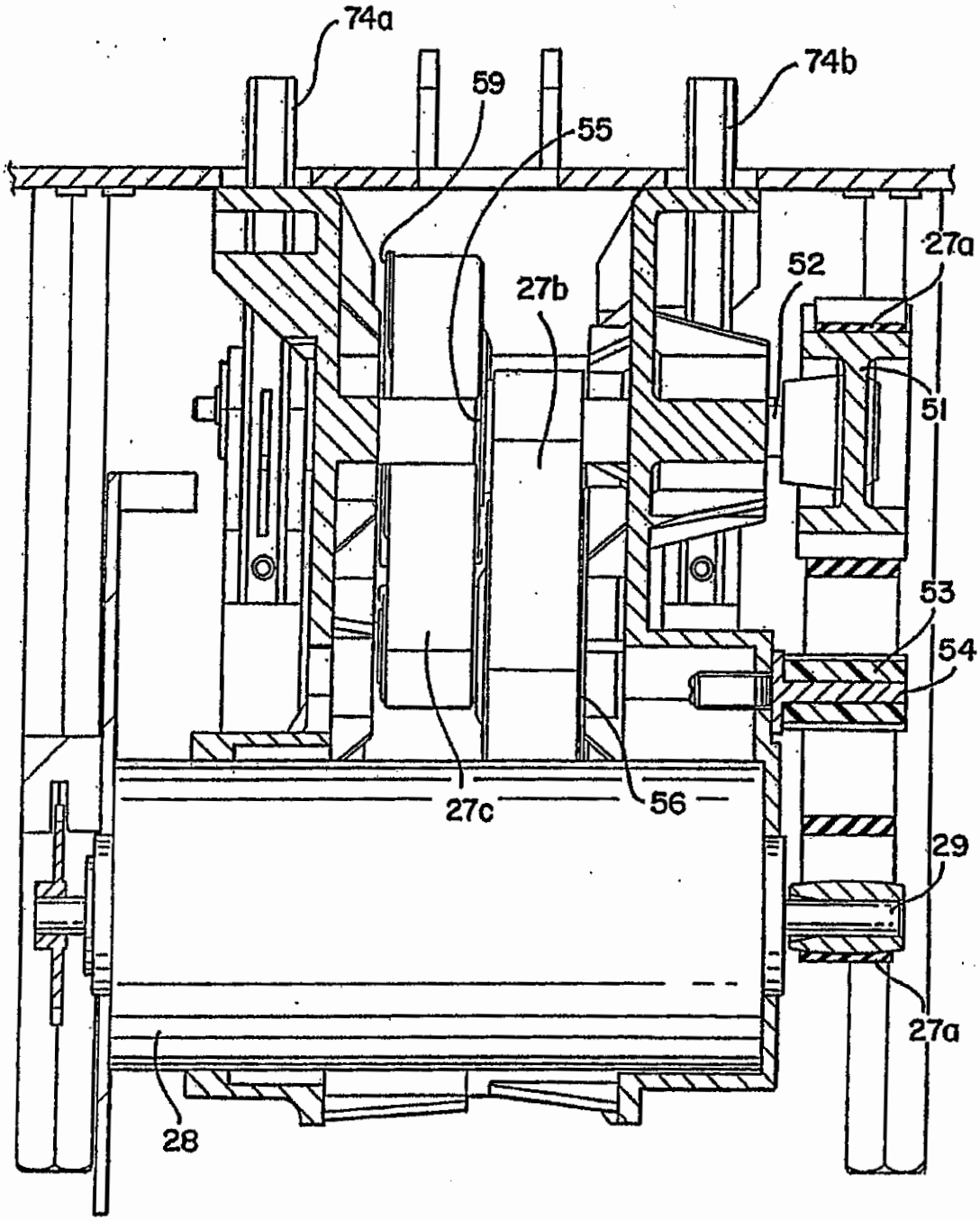
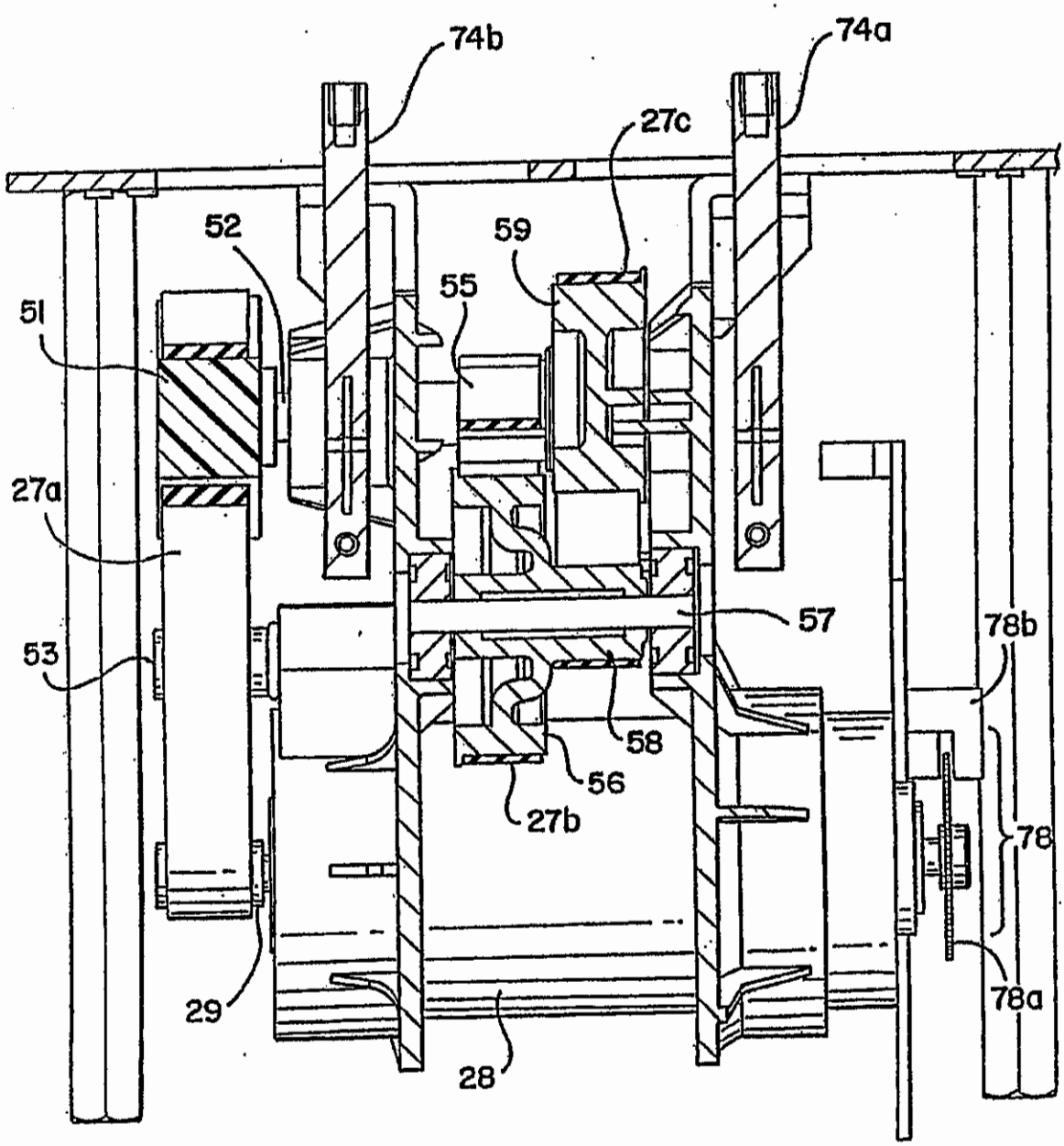


FIG. 24



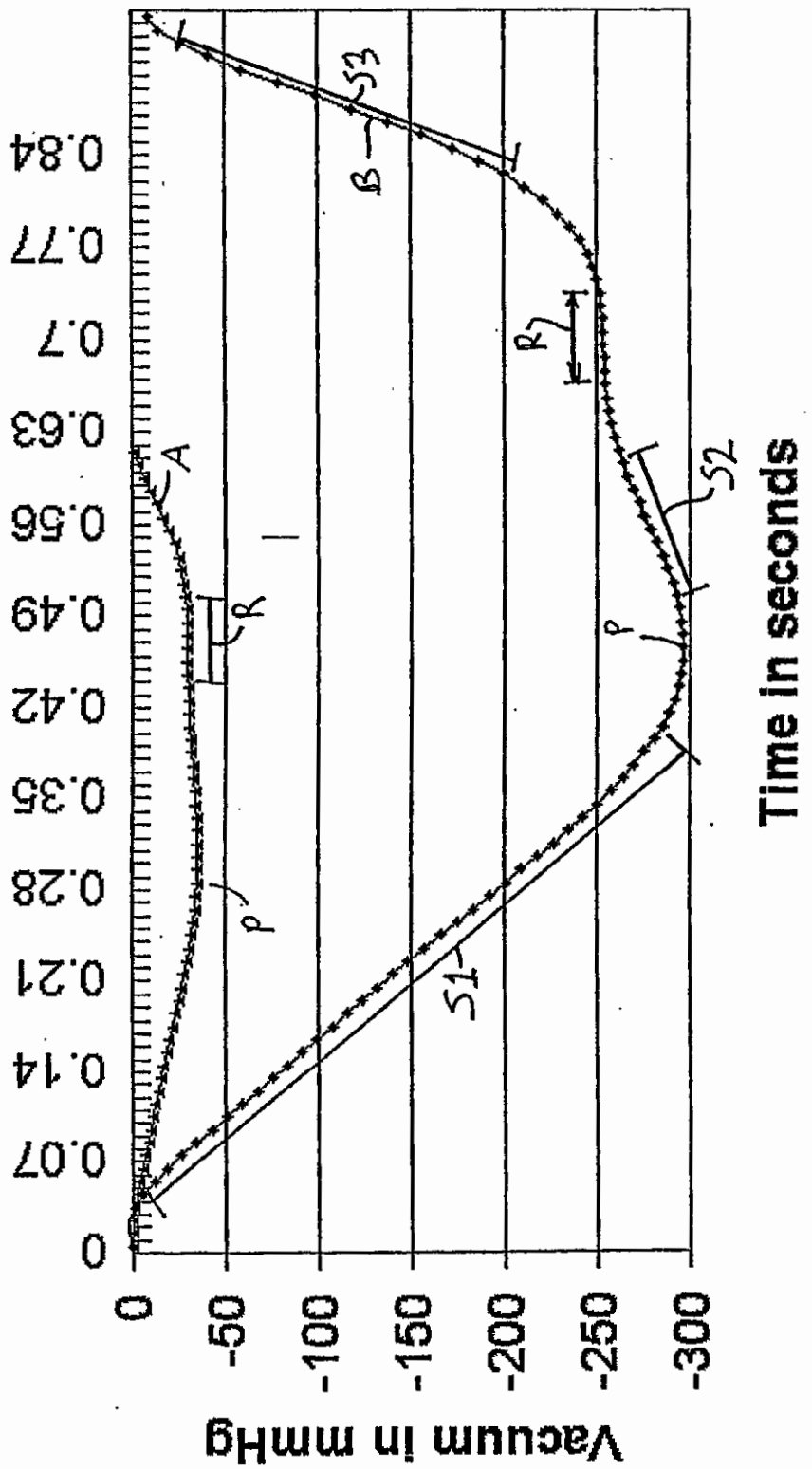

Vacuum in mmHg
0
-50
-100
-150
-200
-250
-300
Time in seconds
0
0.07
0.14
0.21
0.28
0.35
0.42
0.49
0.56
0.63
0.7
0.77
0.84
A
B
S1
S2
S3
R
R2
P
P'

FIG. 25

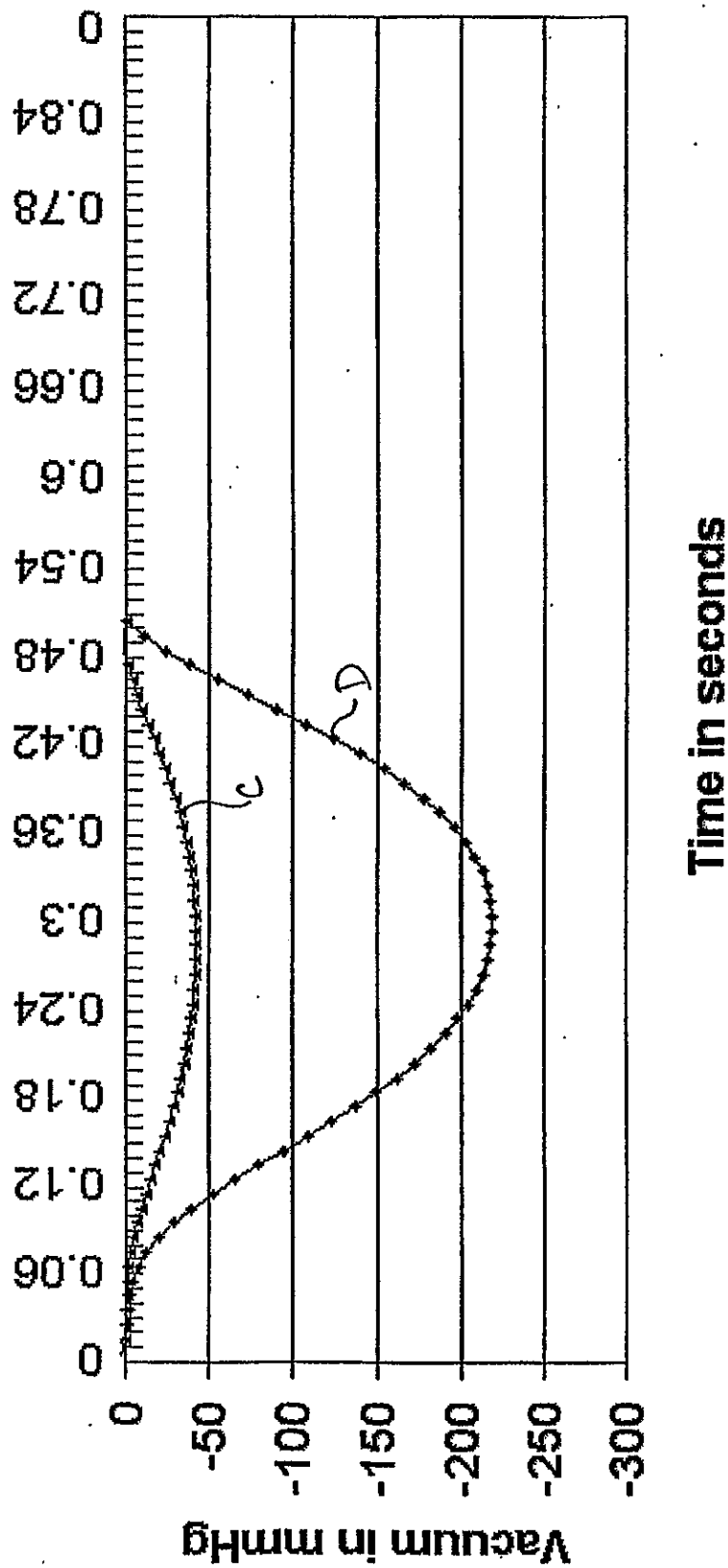

0
0.84
0.78
0.72
0.66
0.6
0.54
0.48
0.42
0.36
0.3
0.24
0.18
0.12
0.06
0
0
-50
-100
-150
-200
-250
-300
Vacuum in mmHg
Time in seconds
C
D

FIG. 26