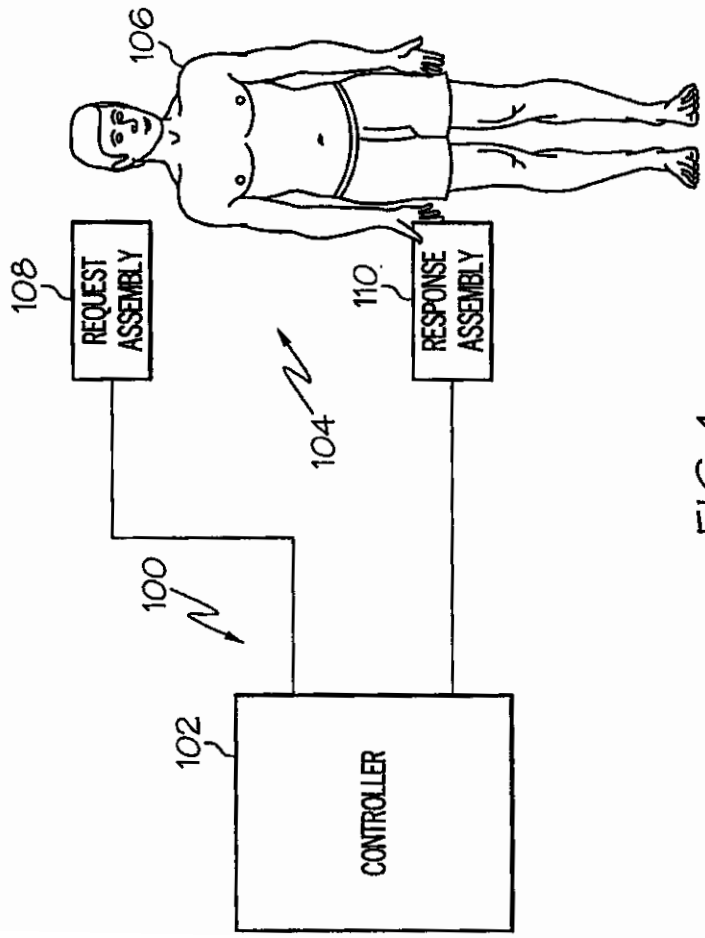

106
108
REQUEST ASSEMBLY
110
RESPONSE ASSEMBLY
104
100
102
CONTROLLER

FIG. 1

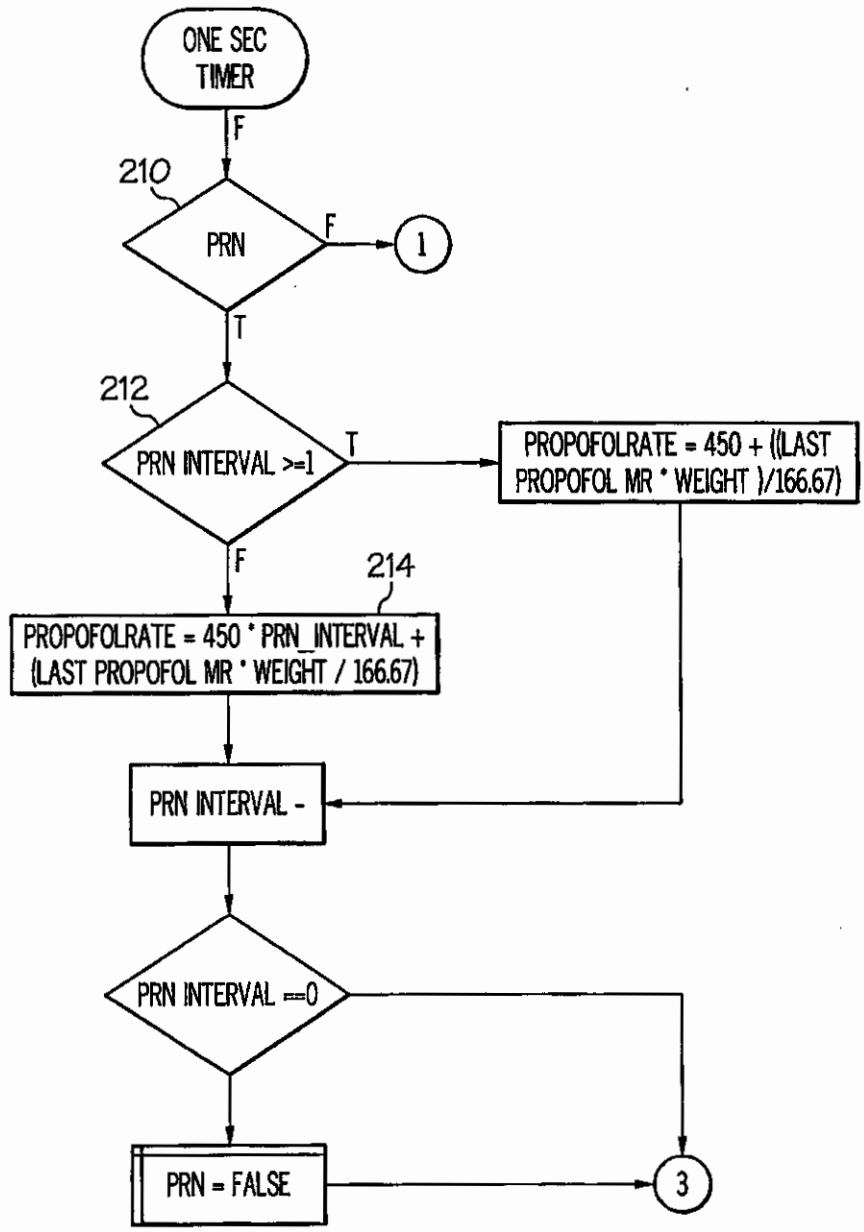

ONE SEC TIMER
F
210
PRN
F
1
T
212
PRN INTERVAL >=1
T
PROPOFOLRATE = 450 + ((LAST PROPOFOL MR * WEIGHT )/166.67)
F
214
PROPOFOLRATE = 450 * PRN_INTERVAL + (LAST PROPOFOL MR * WEIGHT / 166.67)
PRN INTERVAL -
PRN INTERVAL ==0
PRN = FALSE
3

FIG. 2A

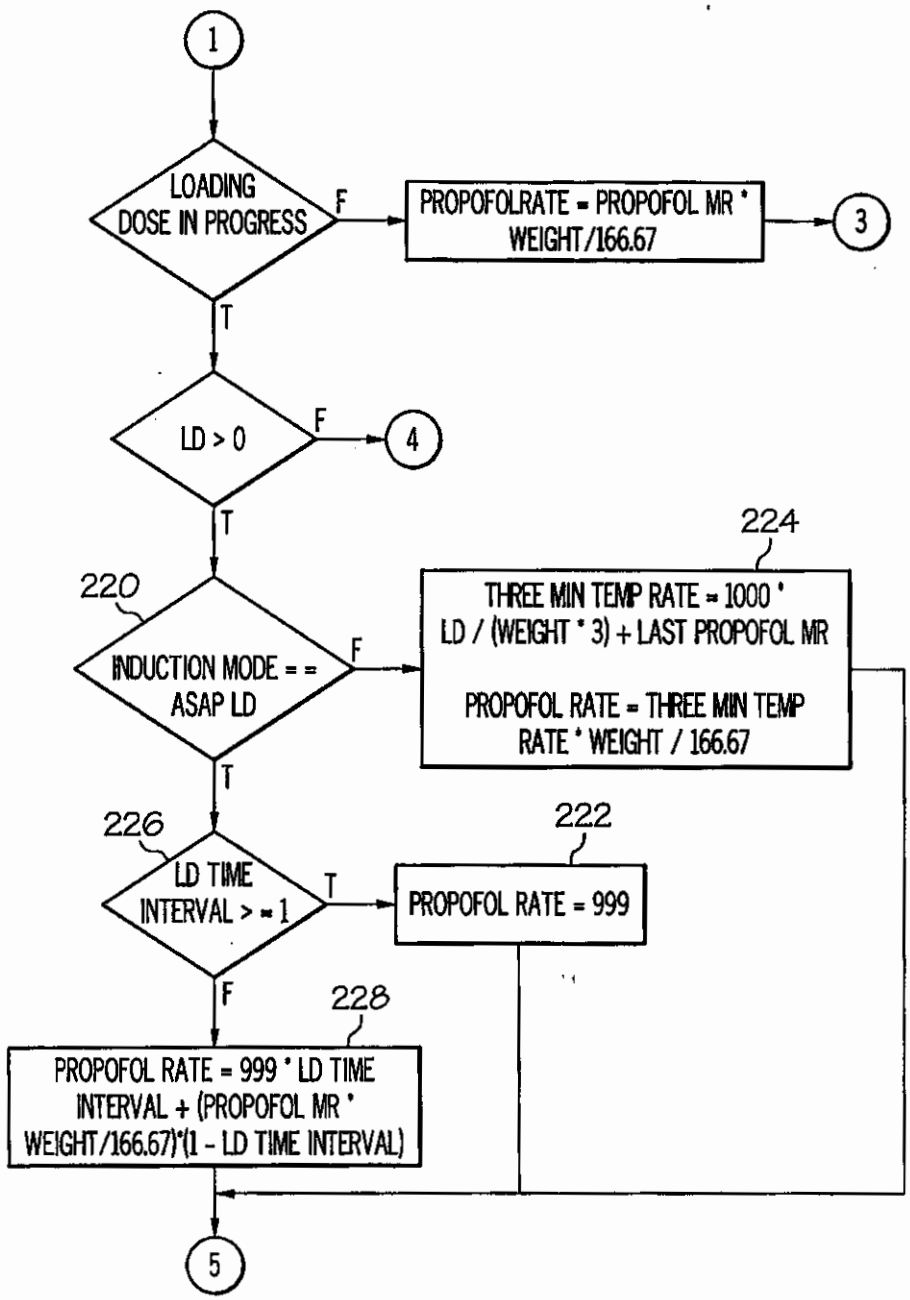

1
LOADING DOSE IN PROGRESS
F
PROPOFOLRATE = PROPOFOL MR * WEIGHT/166.67
3
T
LD > 0
F
4
T
224
220
INDUCTION MODE = = ASAP LD
F
THREE MIN TEMP RATE = 1000 * LD / (WEIGHT * 3) + LAST PROPOFOL MR
PROPOFOL RATE = THREE MIN TEMP RATE * WEIGHT / 166.67
T
226
222
LD TIME INTERVAL > = 1
T
PROPOFOL RATE = 999
F
228
PROPOFOL RATE = 999 * LD TIME INTERVAL + (PROPOFOL MR * WEIGHT/166.67)*(1 - LD TIME INTERVAL)
5

FIG. 2B

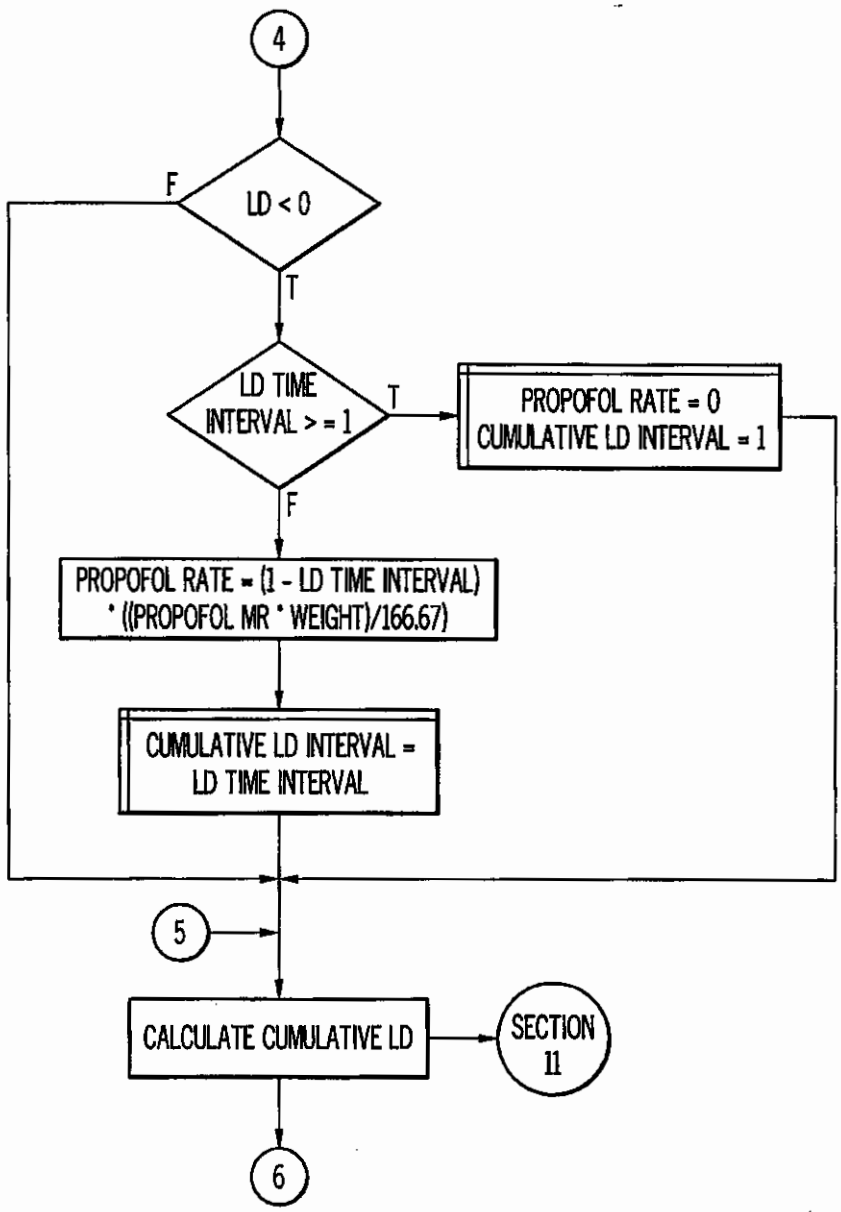

4
F
LD < 0
T
LD TIME INTERVAL > = 1
T
PROPOFOL RATE = 0
CUMULATIVE LD INTERVAL = 1
F
PROPOFOL RATE = (1 - LD TIME INTERVAL) * ((PROPOFOL MR * WEIGHT)/166.67)
CUMULATIVE LD INTERVAL = LD TIME INTERVAL
5
CALCULATE CUMULATIVE LD
SECTION 11
6

FIG. 2C

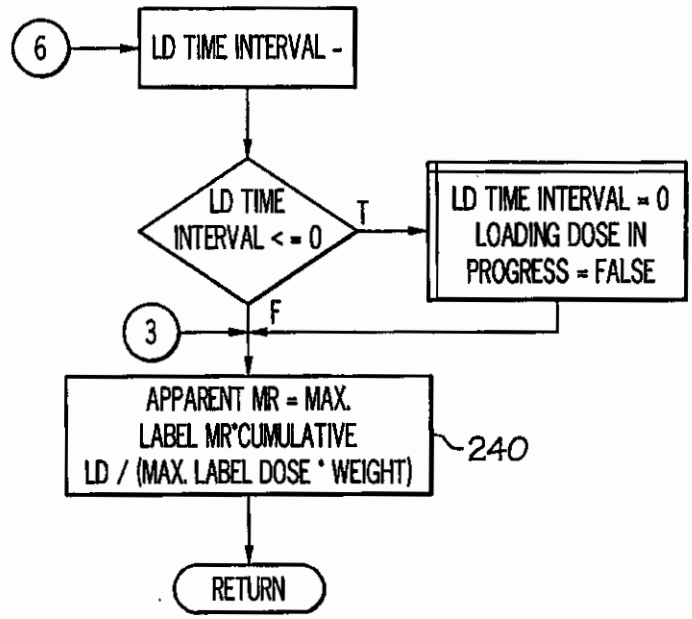

6
LD TIME INTERVAL -
LD TIME INTERVAL <= 0
T
LD TIME INTERVAL = 0
LOADING DOSE IN PROGRESS = FALSE
F
3
APPARENT MR = MAX. LABEL MR*CUMULATIVE LD / (MAX. LABEL DOSE * WEIGHT)
240
RETURN

FIG. 2D

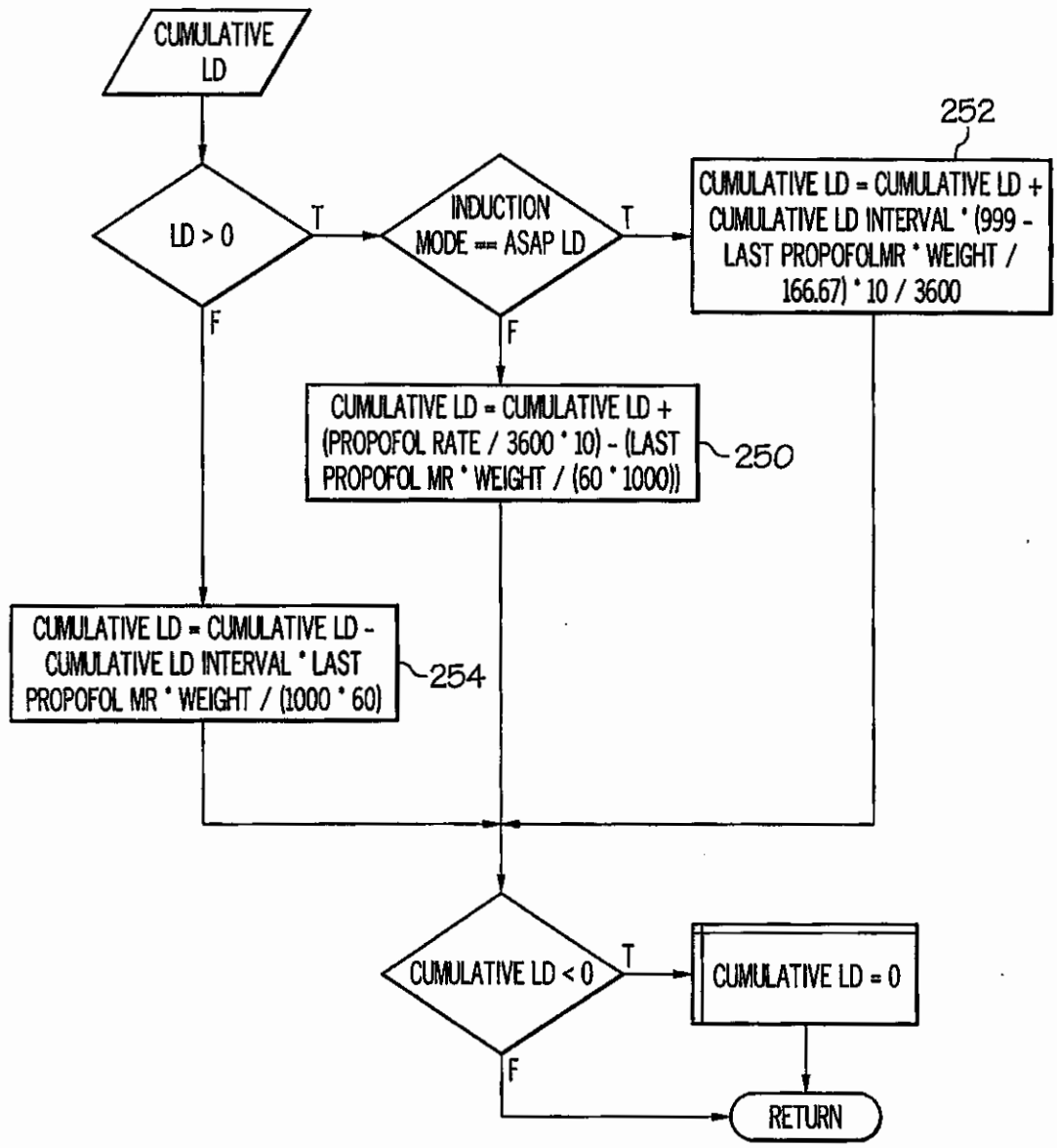

CUMULATIVE LD
LD > 0
T
F
INDUCTION MODE == ASAP LD
T
F
252
CUMULATIVE LD = CUMULATIVE LD + CUMULATIVE LD INTERVAL * (999 - LAST PROPOFOLMR * WEIGHT / 166.67) * 10 / 3600
CUMULATIVE LD = CUMULATIVE LD + (PROPOFOL RATE / 3600 * 10) - (LAST PROPOFOL MR * WEIGHT / (60 * 1000))
250
CUMULATIVE LD = CUMULATIVE LD - CUMULATIVE LD INTERVAL * LAST PROPOFOL MR * WEIGHT / (1000 * 60)
254
CUMULATIVE LD < 0
T
F
CUMULATIVE LD = 0
RETURN

FIG. 2E

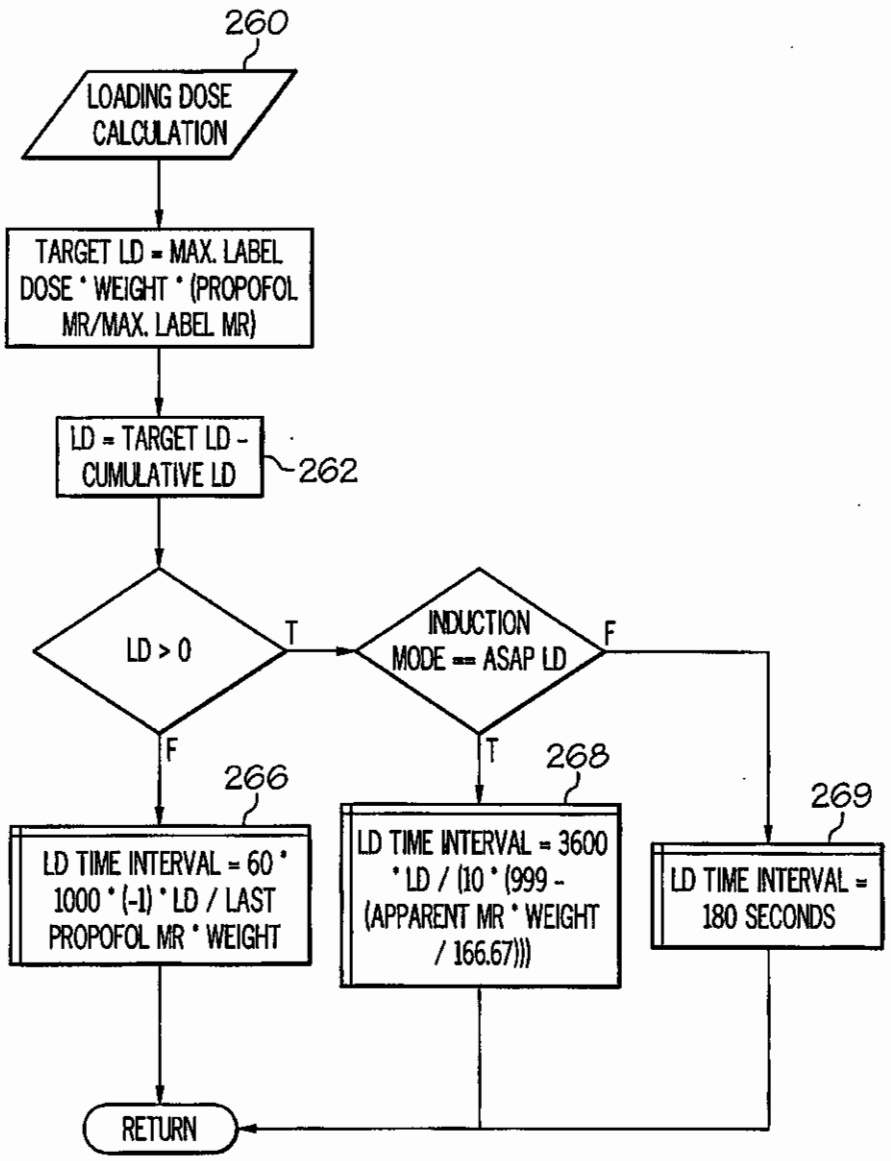

260
LOADING DOSE CALCULATION
TARGET LD = MAX. LABEL DOSE * WEIGHT * (PROPOFOL MR/MAX. LABEL MR)
LD = TARGET LD - CUMULATIVE LD
262
LD > 0
T
INDUCTION MODE == ASAP LD
F
F
T
266
268
269
LD TIME INTERVAL = 60 * 1000 * (-1) * LD / LAST PROPOFOL MR * WEIGHT
LD TIME INTERVAL = 3600 * LD / (10 * (999 - (APPARENT MR * WEIGHT / 166.67)))
LD TIME INTERVAL = 180 SECONDS
RETURN

FIG. 2F

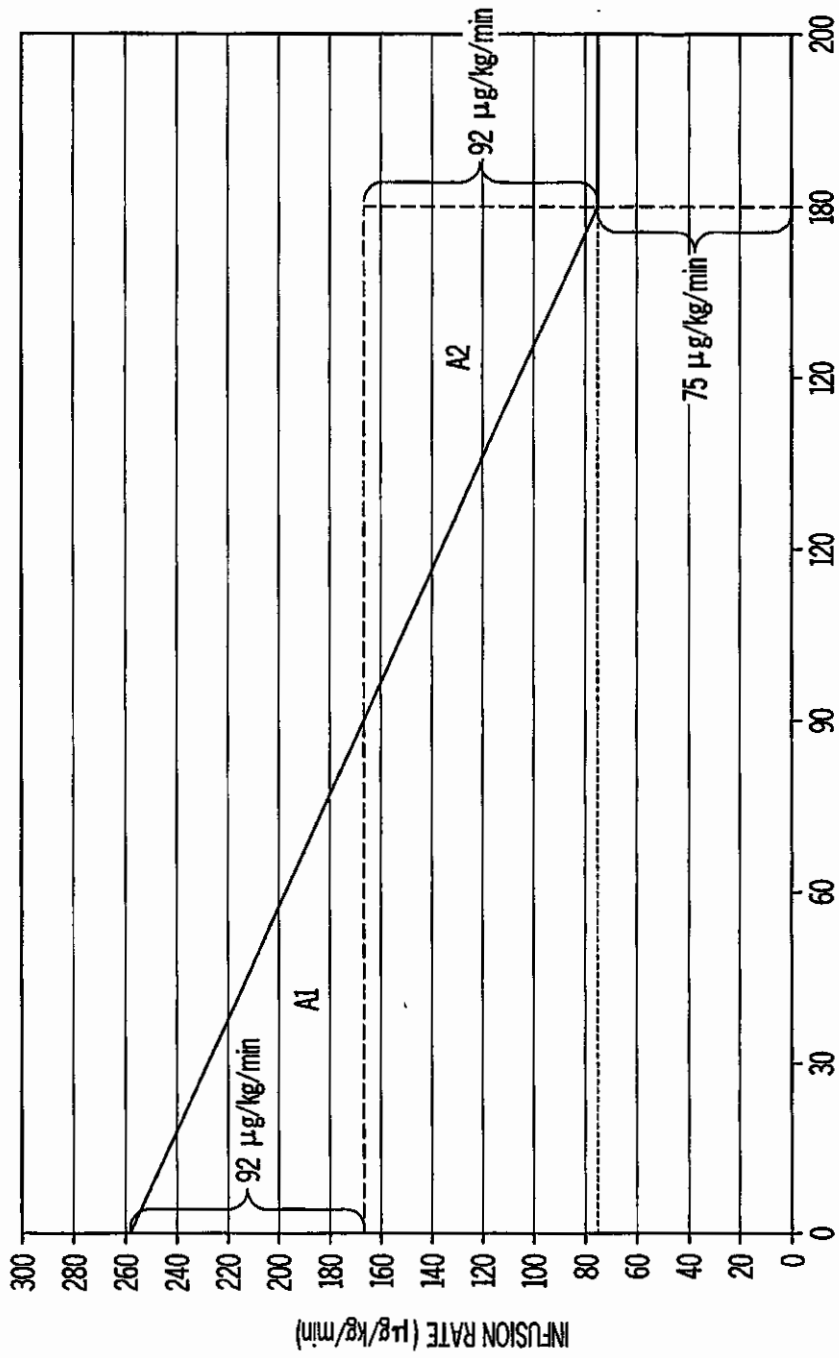

INFUSION RATE (µg/kg/min)
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
TIME (SECONDS)
0
30
60
90
120
120
180
200
92 µg/kg/min
92 µg/kg/min
75 µg/kg/min
A1
A2

FIG. 3

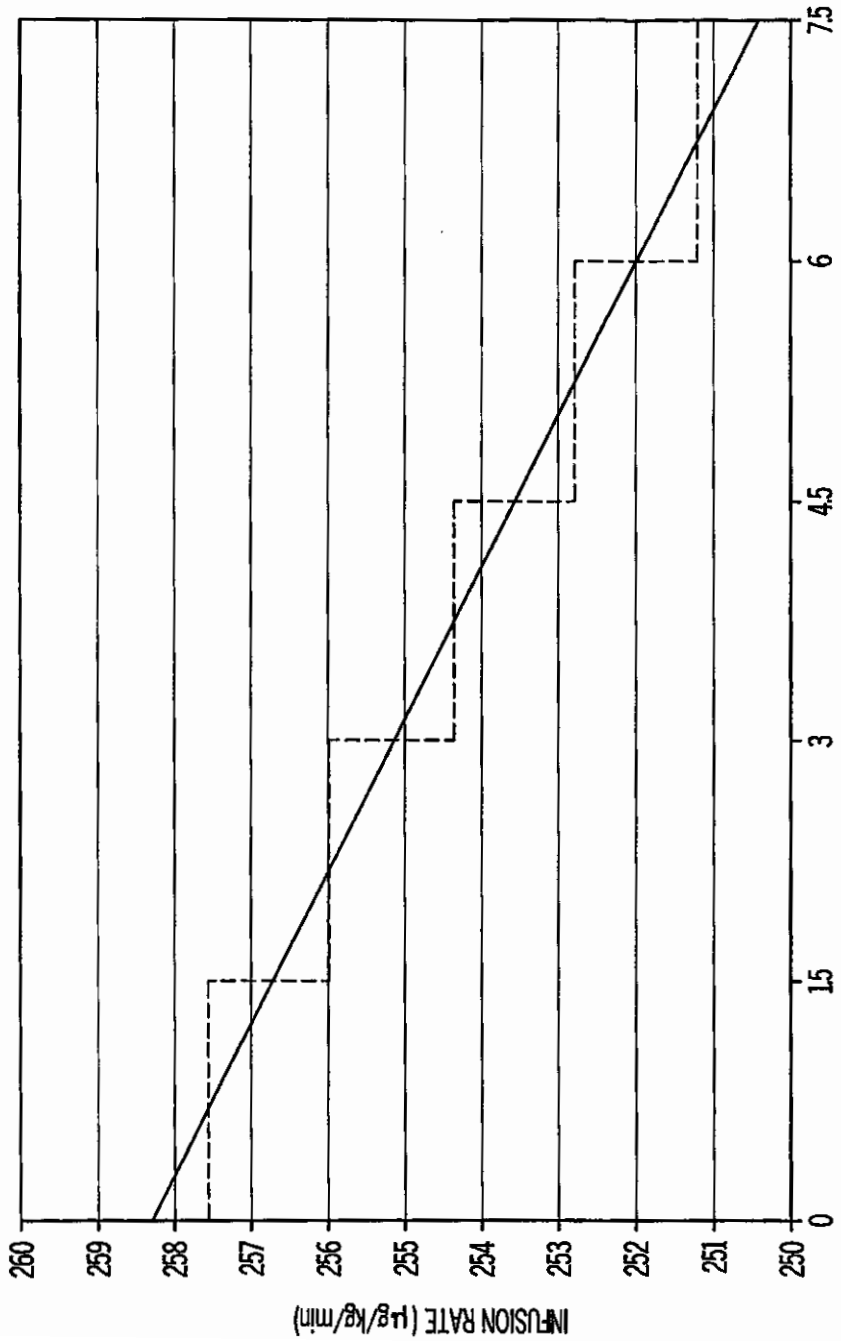

INFUSION RATE (μg/kg/min)
260
259
258
257
256
255
254
253
252
251
250
TIME (SECONDS)
0
1.5
3
4.5
6
7.5

FIG. 4