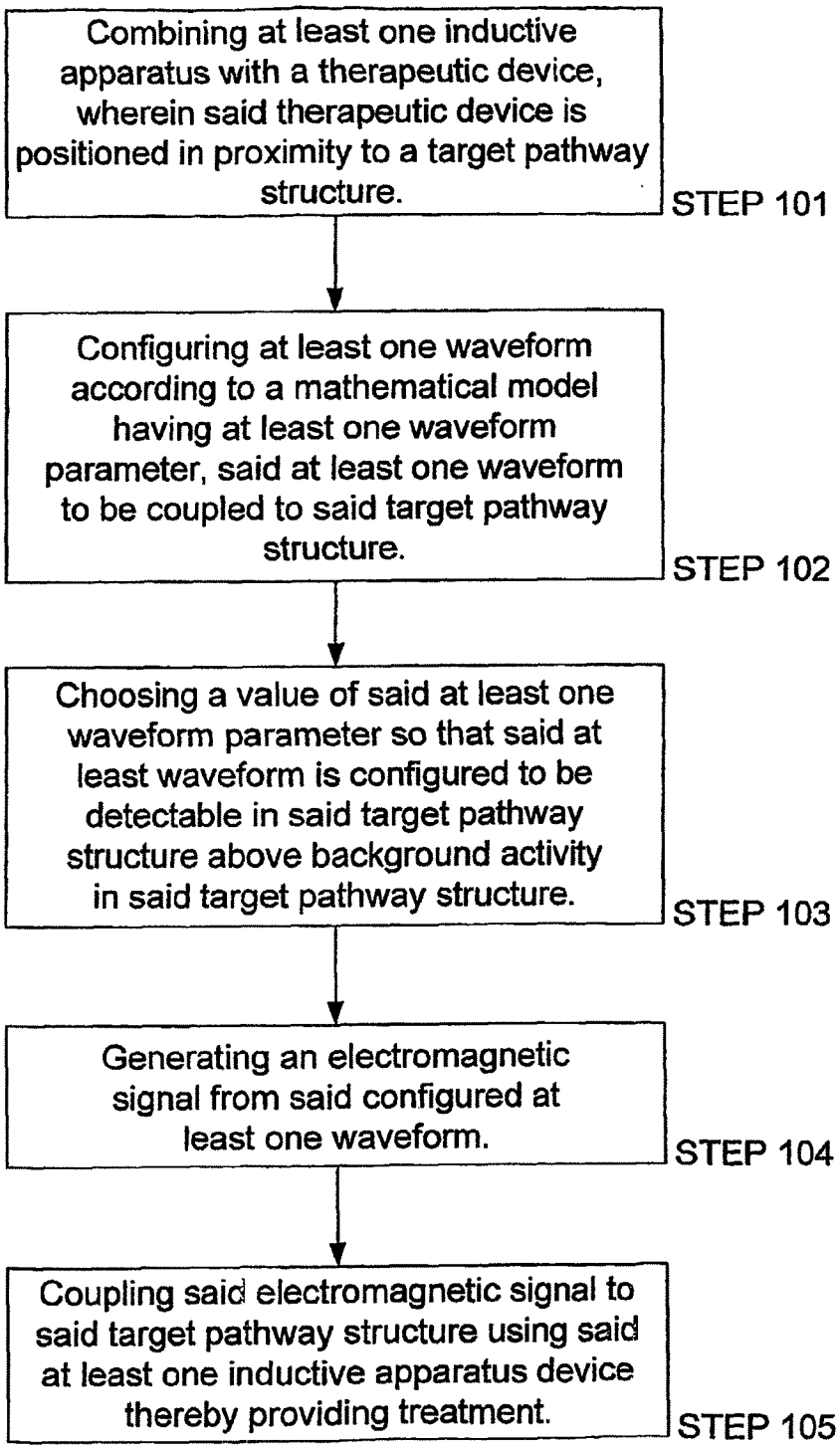

Combining at least one inductive apparatus with a therapeutic device, wherein said therapeutic device is positioned in proximity to a target pathway structure.
STEP 101
Configuring at least one waveform according to a mathematical model having at least one waveform parameter, said at least one waveform to be coupled to said target pathway structure.
STEP 102
Choosing a value of said at least one waveform parameter so that said at least waveform is configured to be detectable in said target pathway structure above background activity in said target pathway structure.
STEP 103
Generating an electromagnetic signal from said configured at least one waveform.
STEP 104
Coupling said electromagnetic signal to said target pathway structure using said at least one inductive apparatus device thereby providing treatment.
STEP 105

FIGURE 1

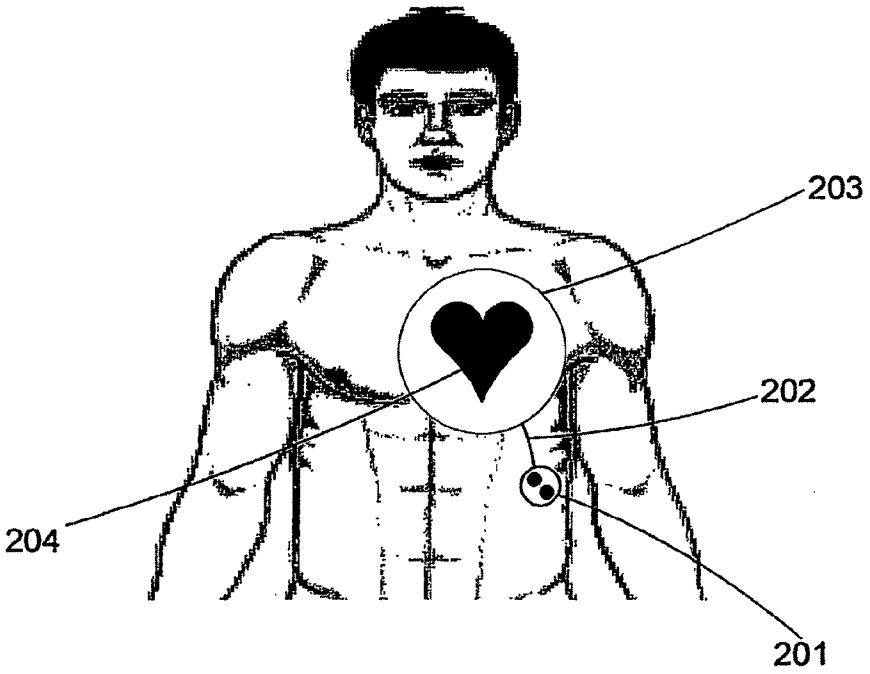


FIGURE 2

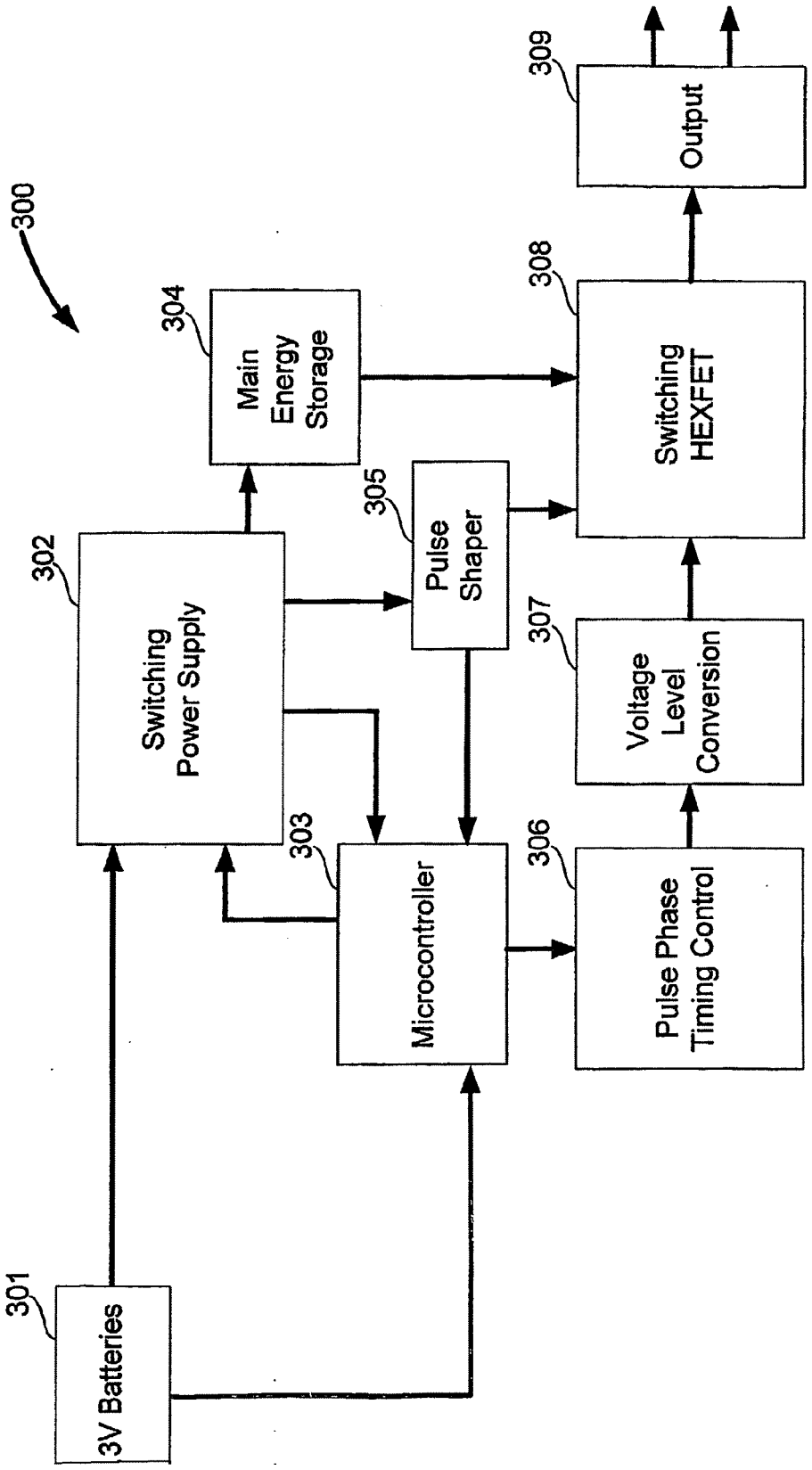

300
301
3V Batteries
302
Switching Power Supply
303
Microcontroller
304
Main Energy Storage
305
Pulse Shaper
306
Pulse Phase Timing Control
307
Voltage Level Conversion
308
Switching HEXFET
309
Output

FIGURE 3

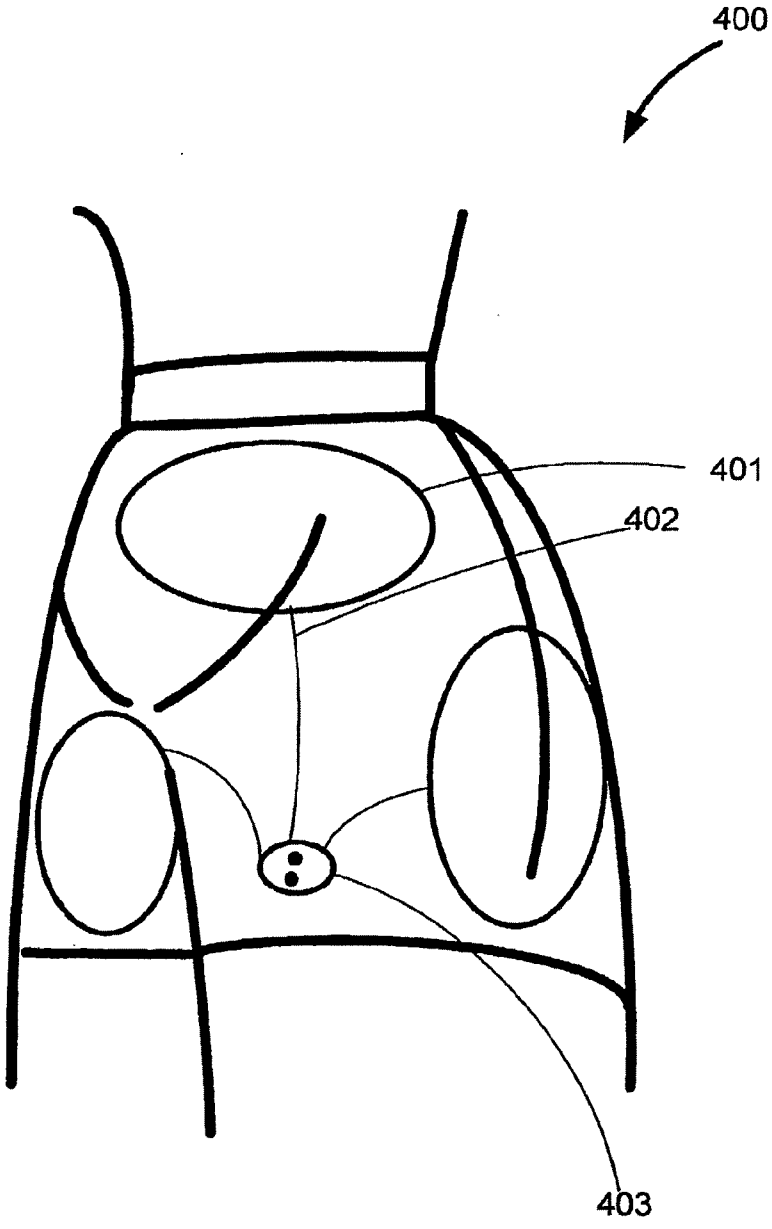


FIGURE 4

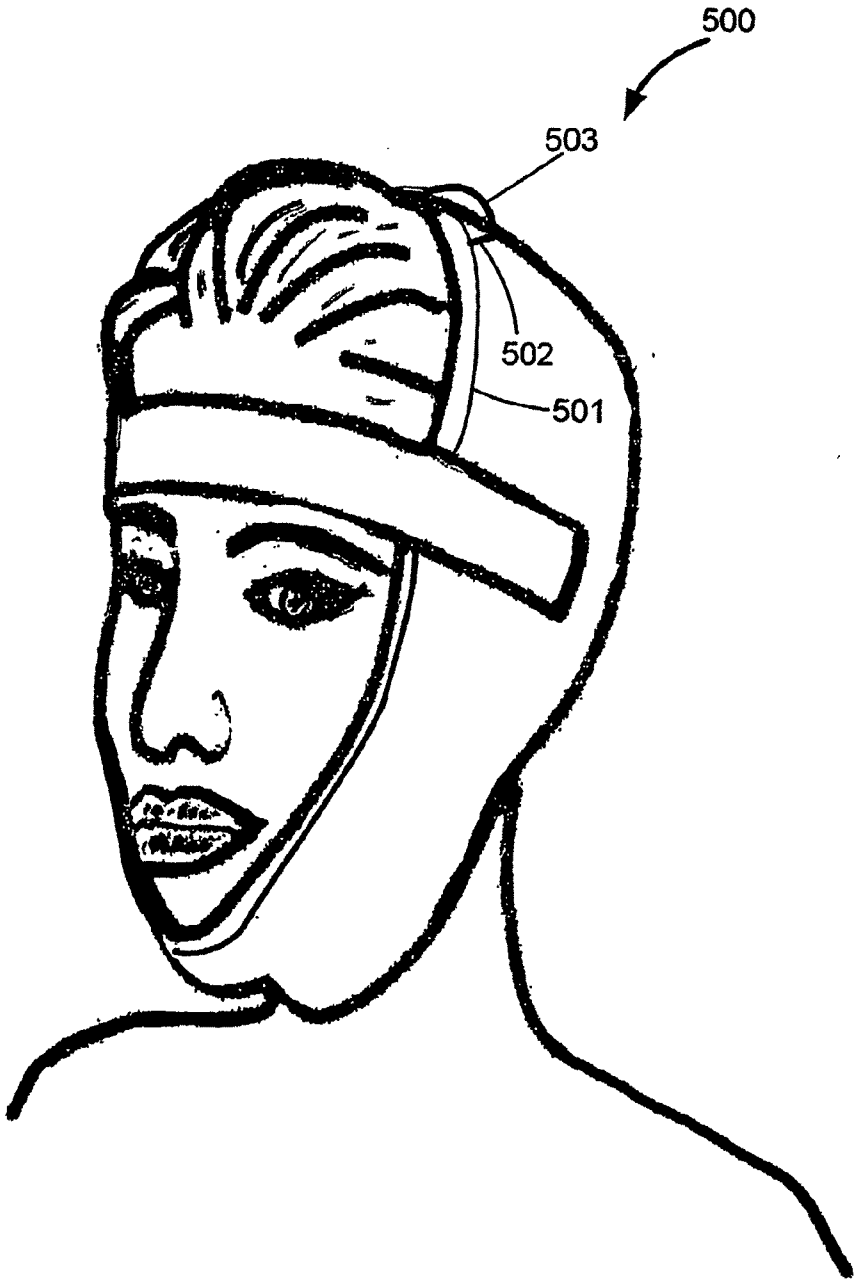


FIGURE 5

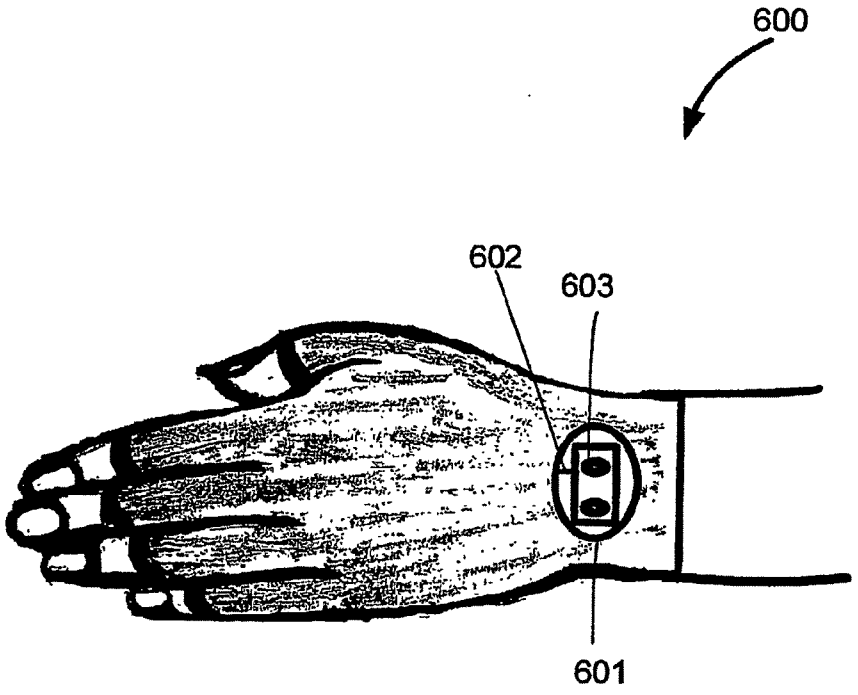


FIGURE 6

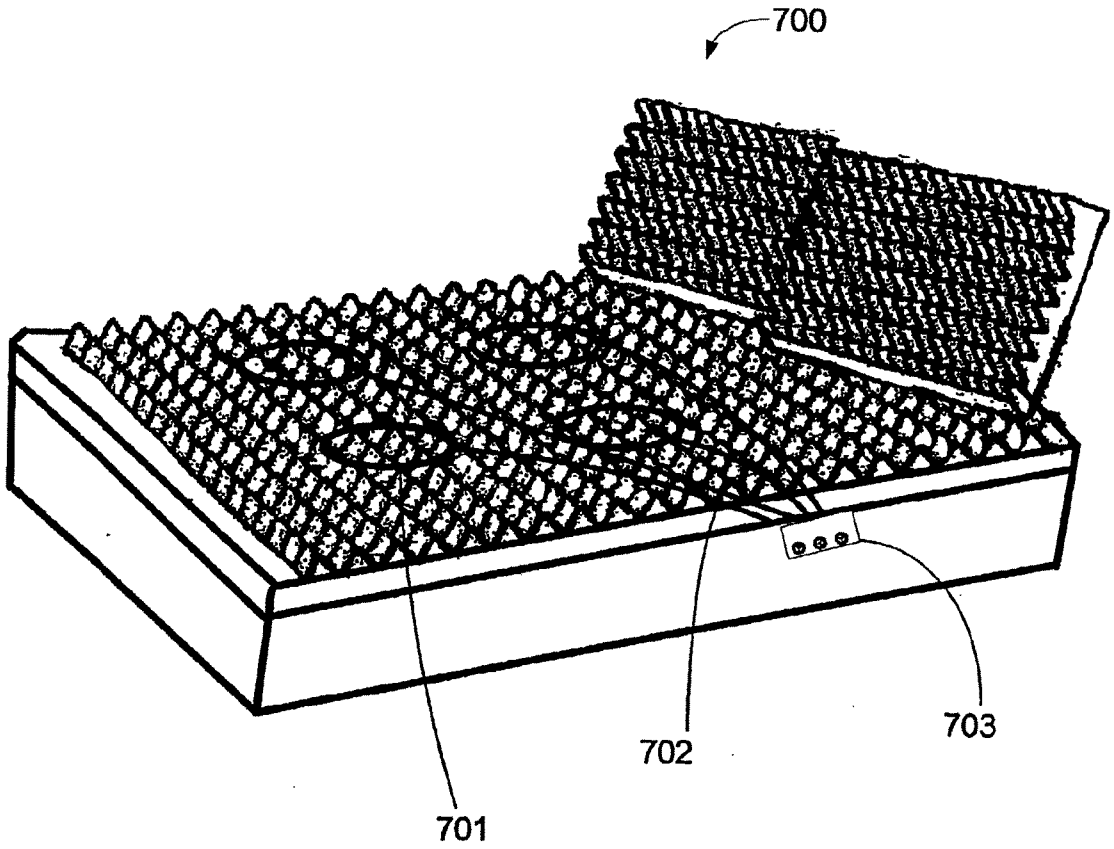


FIGURE 7

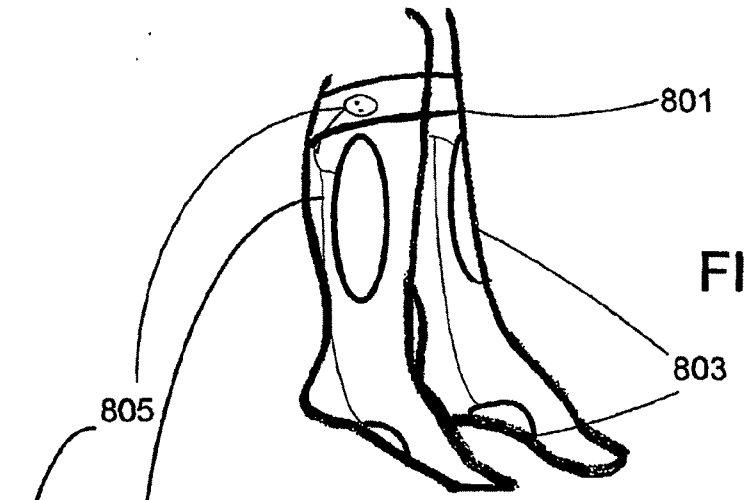


FIGURE 8A

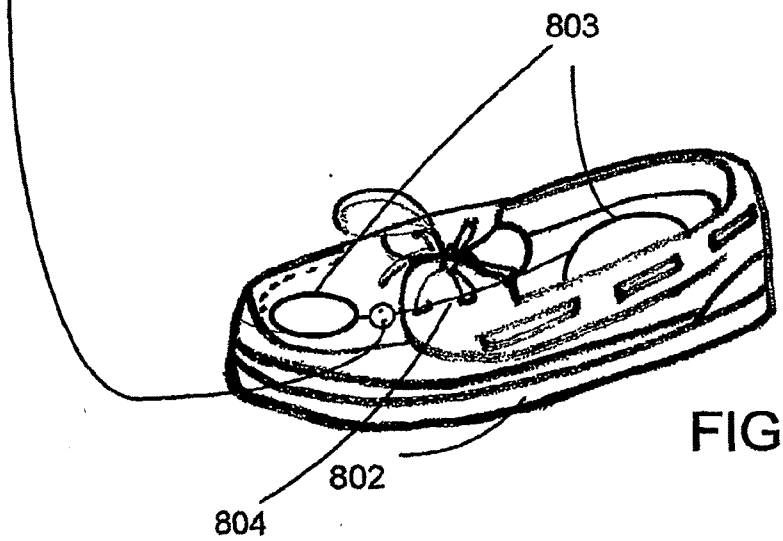


FIGURE 8B

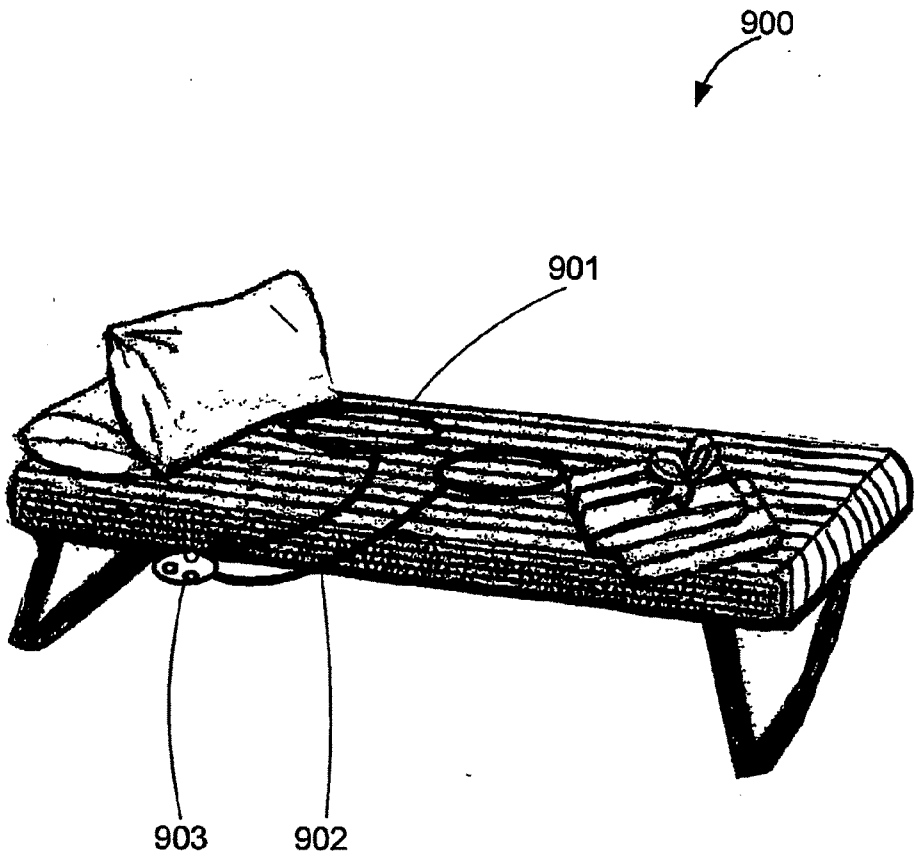


FIGURE 9

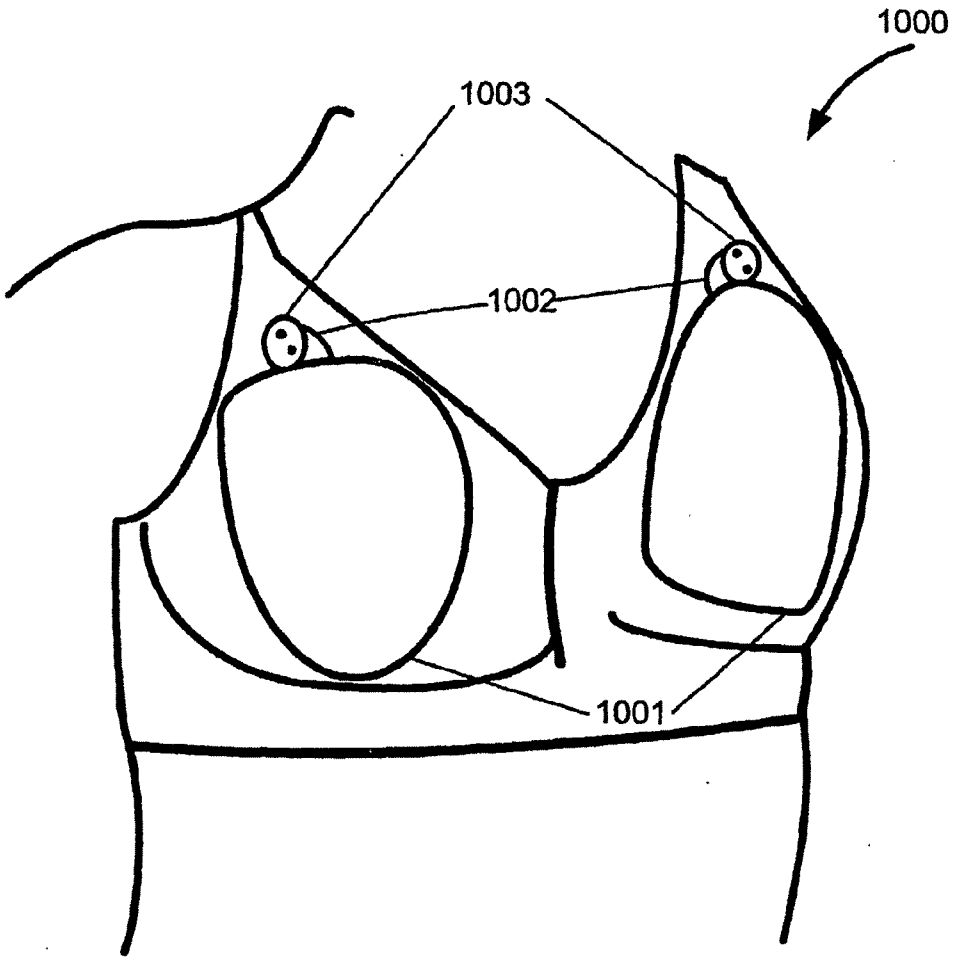


FIGURE 10