FIG.1A

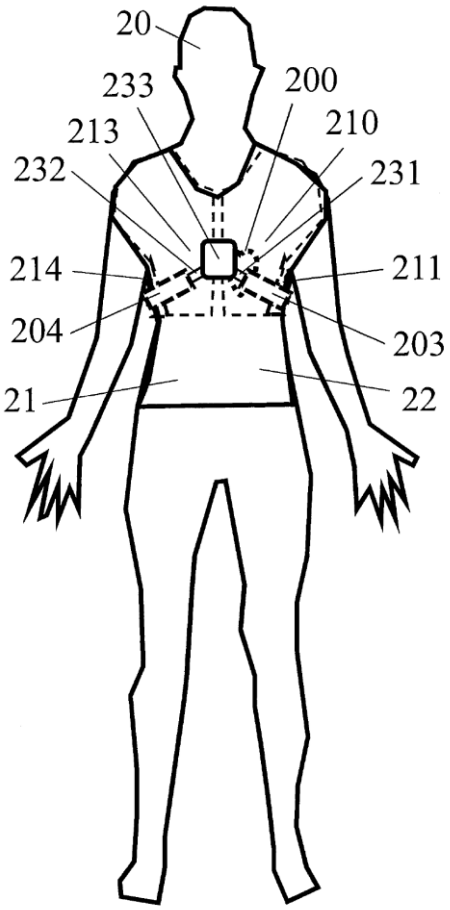

20
233
200
213
210
232
231
214
211
204
203
21
22

FIG.1B

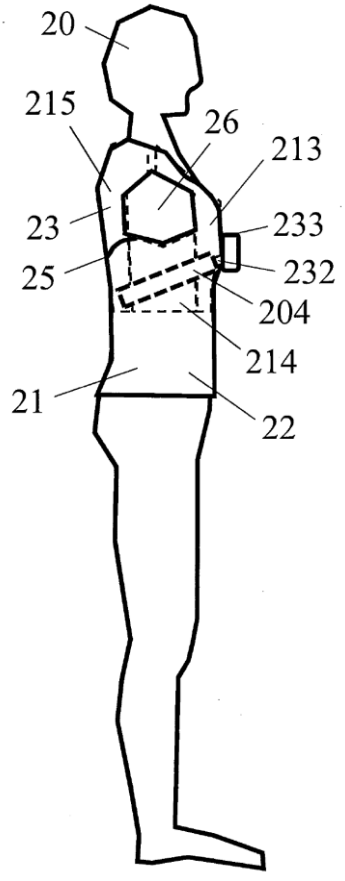
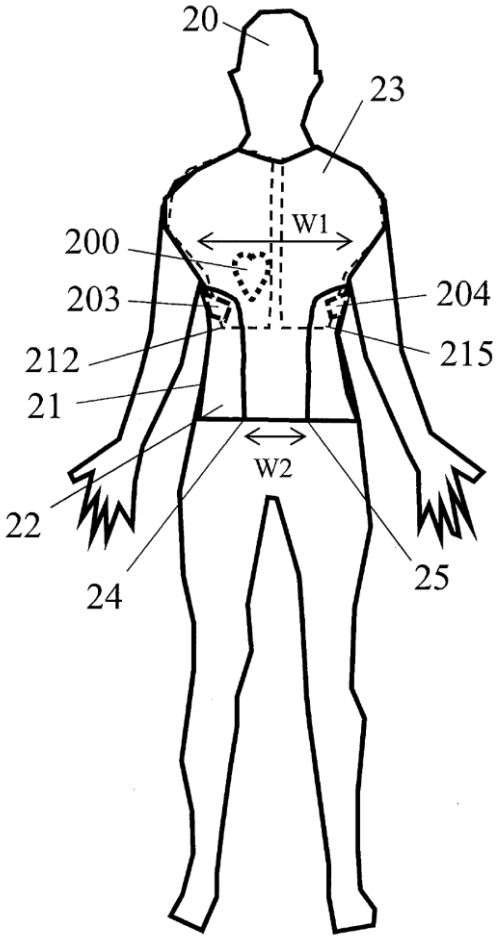

20
215
26
213
23
233
25
232
204
214
21
22

FIG.1C



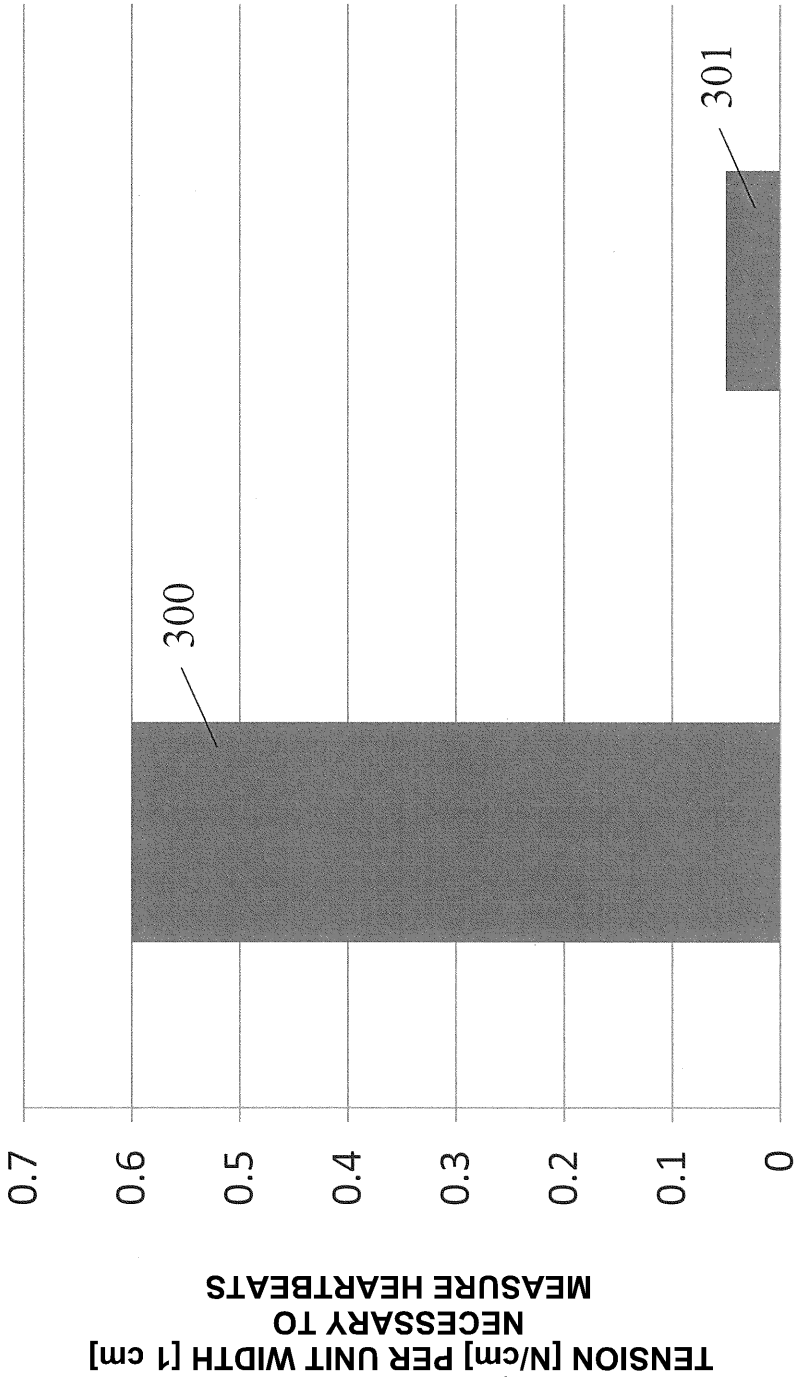
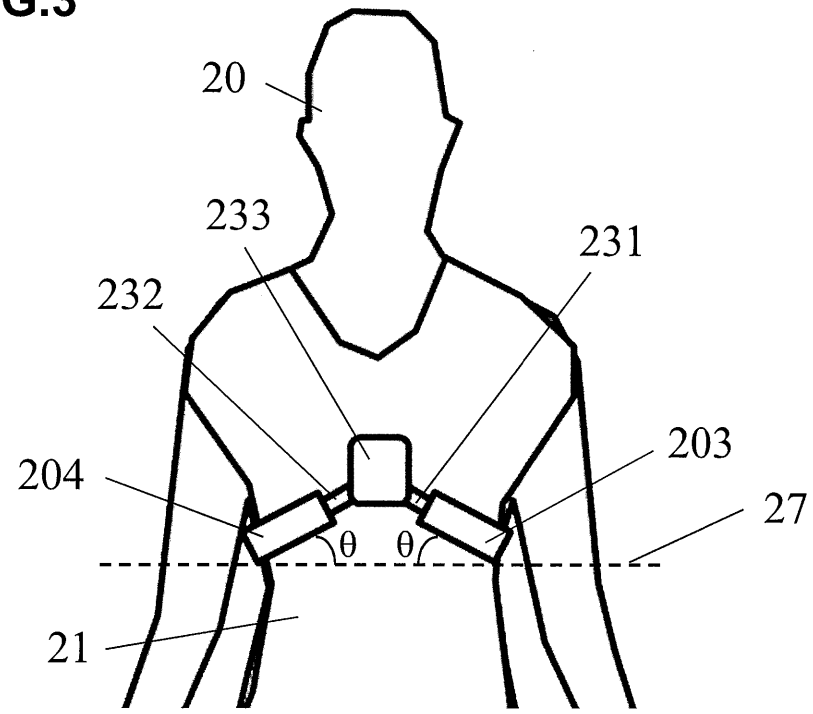

TENSION [N/cm] PER UNIT WIDTH [1 cm]
NECESSARY TO
MEASURE HEARTBEATS
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
300
301

FIG.2

FIG.3



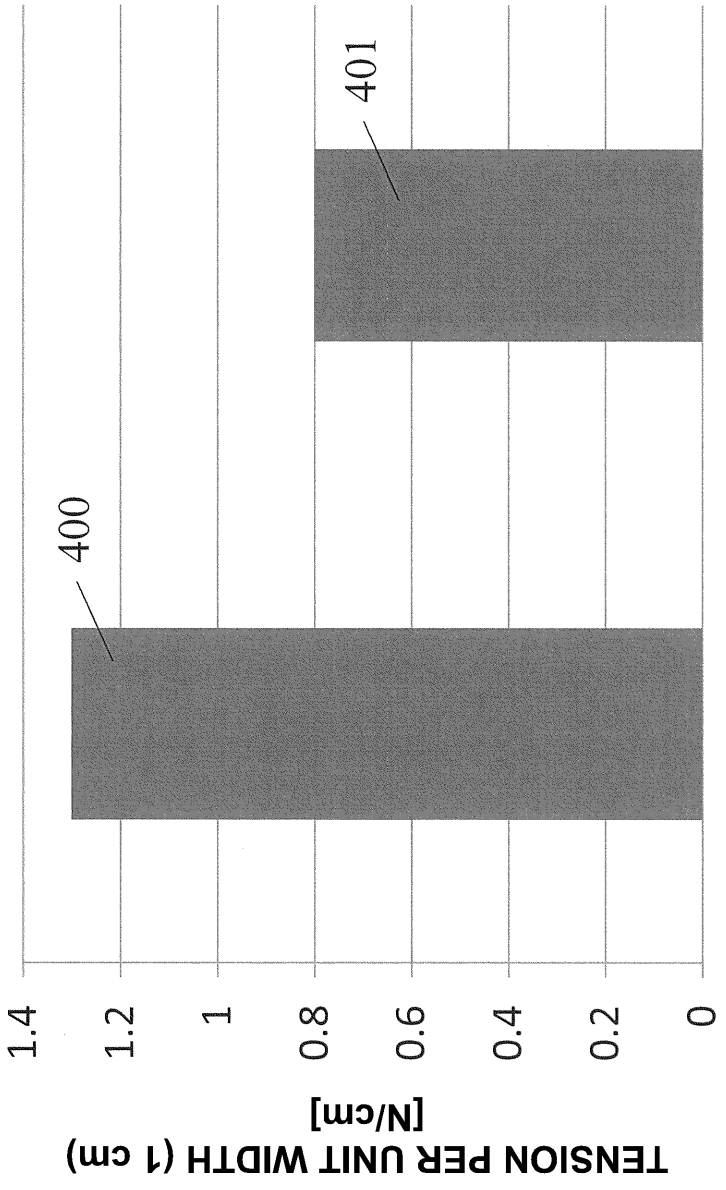


FIG.4

FIG.5

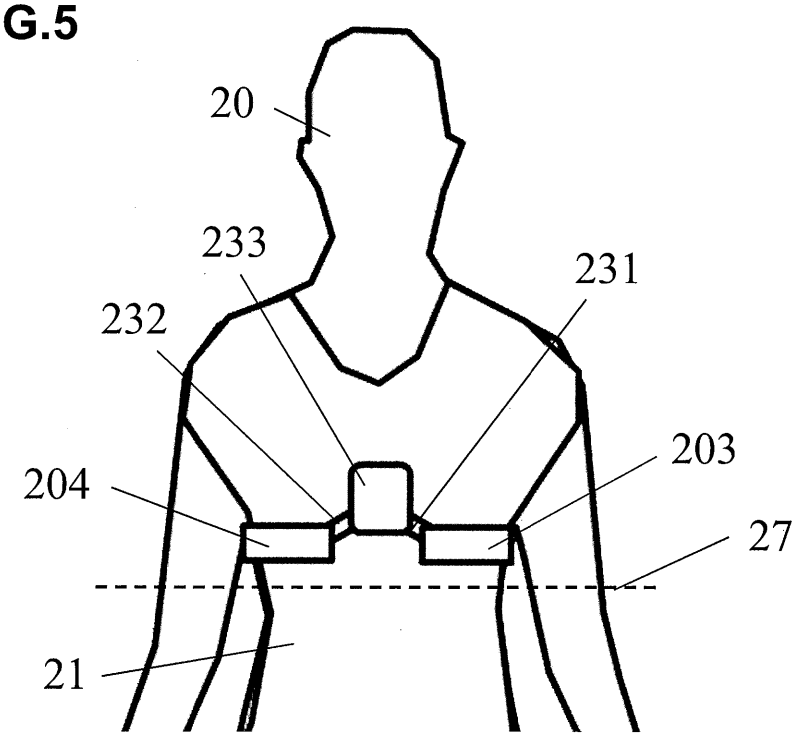


FIG.6A

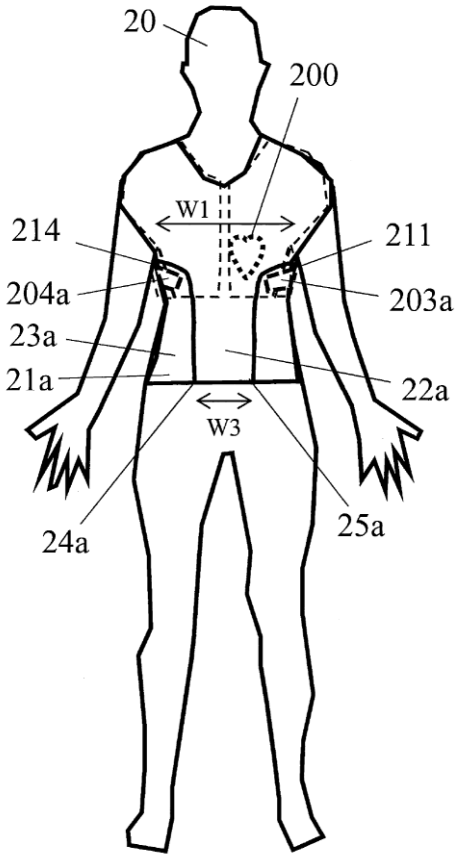

20
200
W1
214
211
204a
203a
23a
21a
22a
W3
24a
25a

FIG.6B

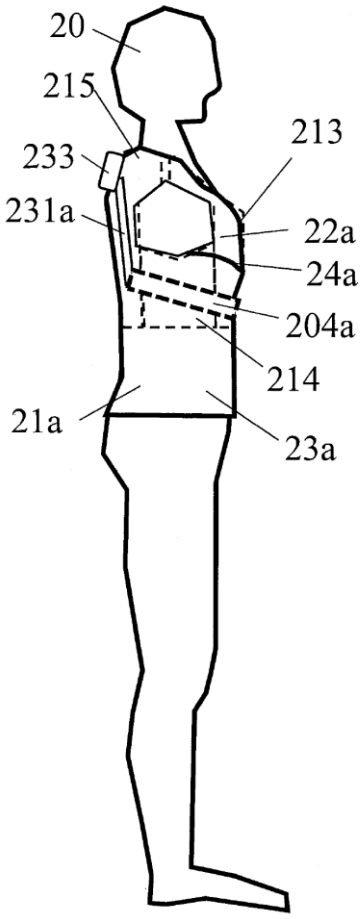

20
215
213
233
231a
22a
24a
204a
214
21a
23a

FIG.6C

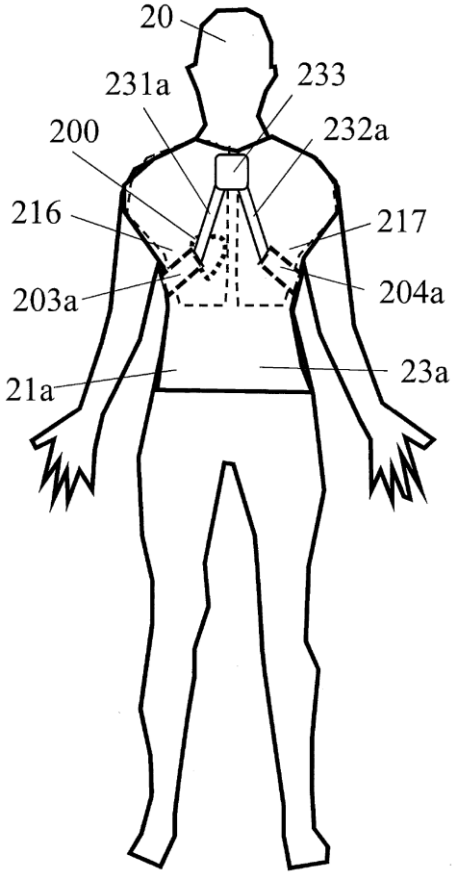


FIG.7A

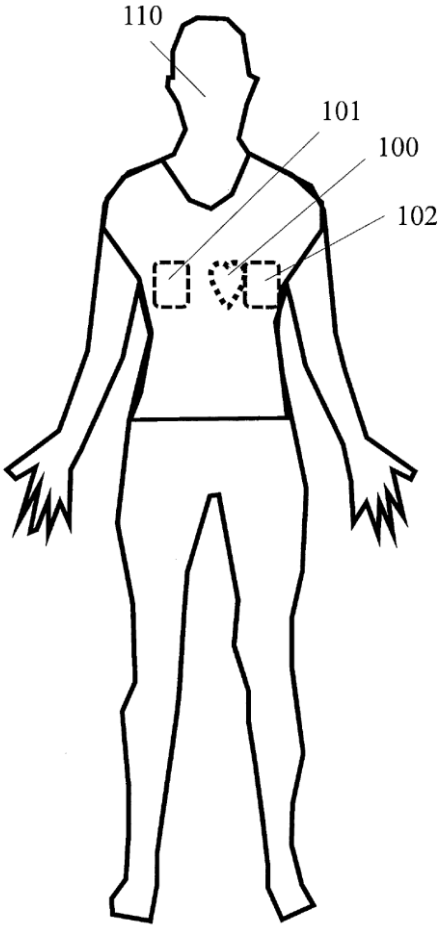


FIG.7B

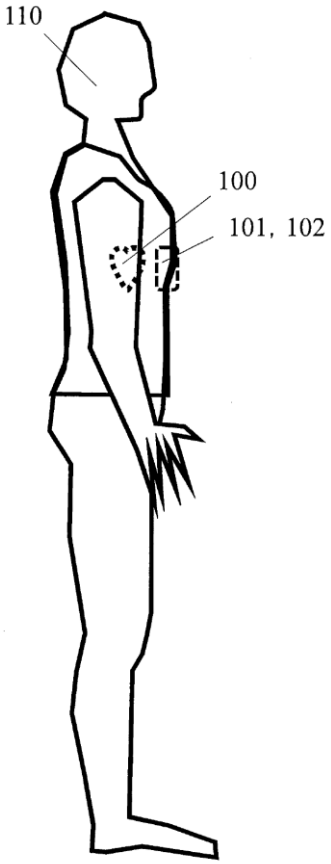
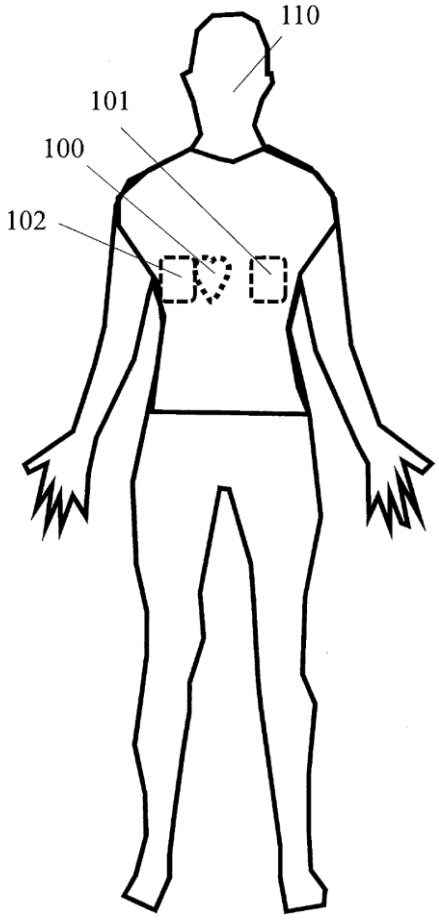



FIG.7C