Fig. 1
(background art)

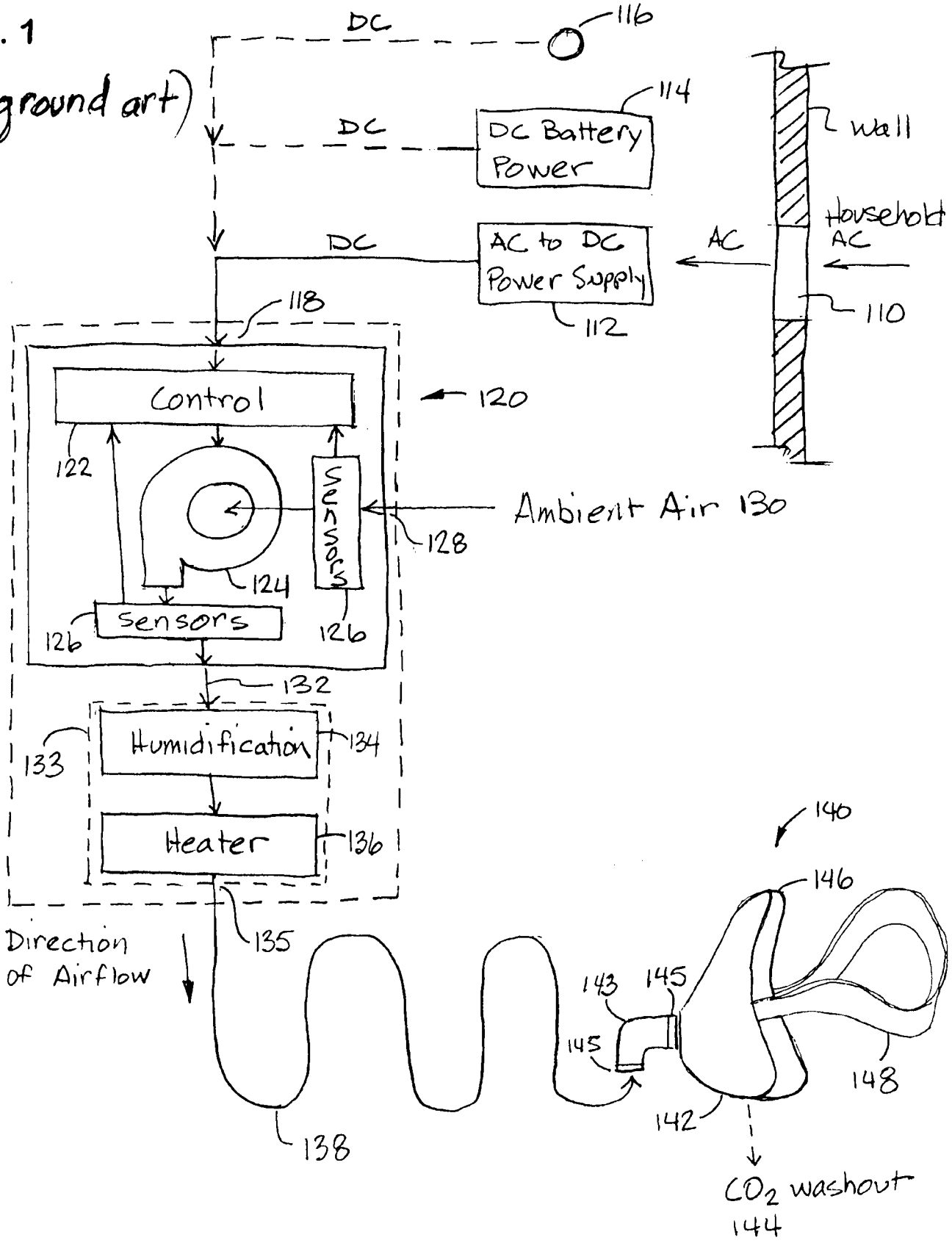


Fig. 2

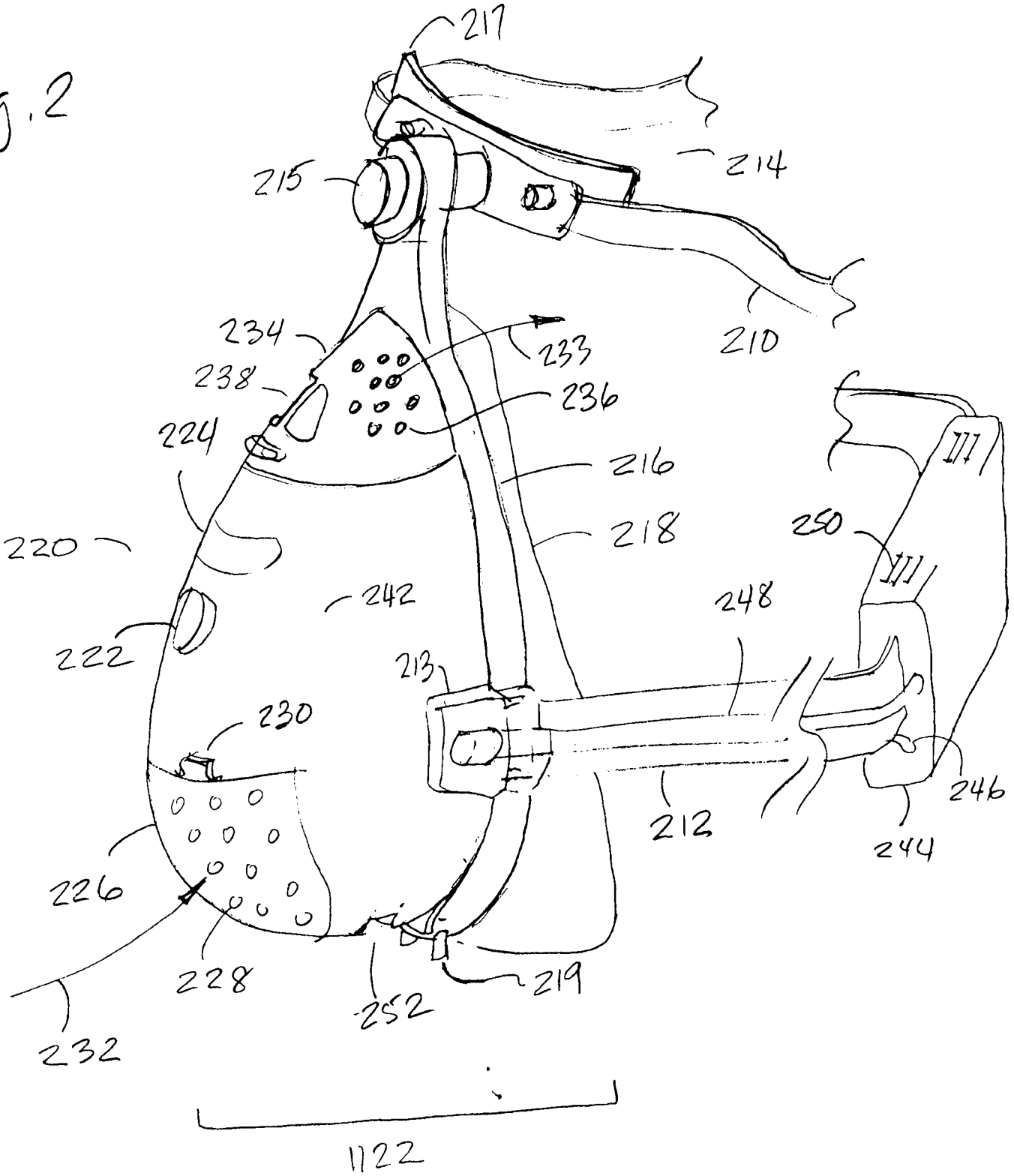
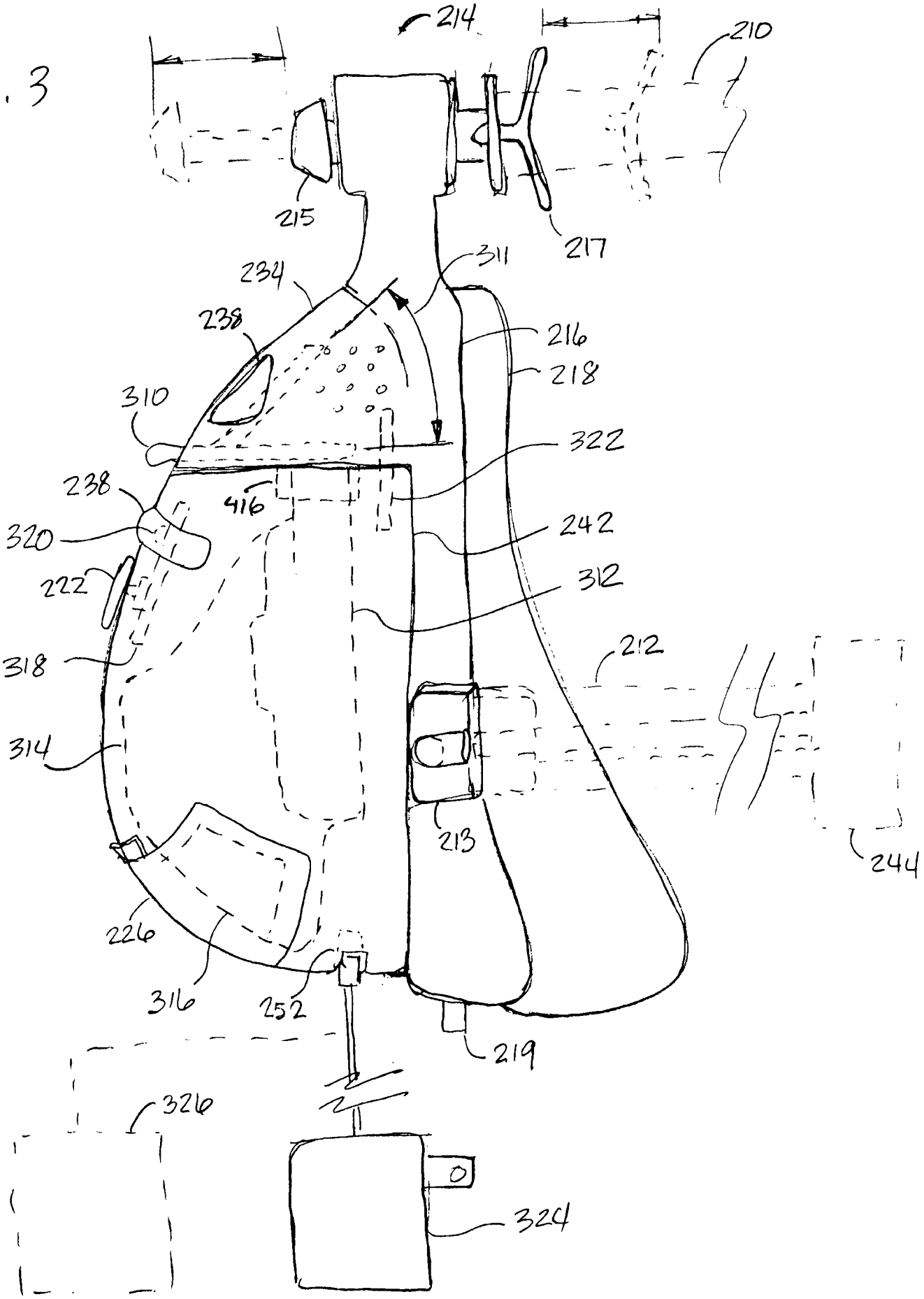

217
214
215
210
234
233
238
236
224
216
218
220
250
III
III
242
248
222
213
230
246
212
244
226
228
252
219
232
1122

Fig. 3


214
210
215
217
234
311
238
216
218
310
322
238
416
242
320
222
312
212
318
314
213
244
226
316
252
219
326
324

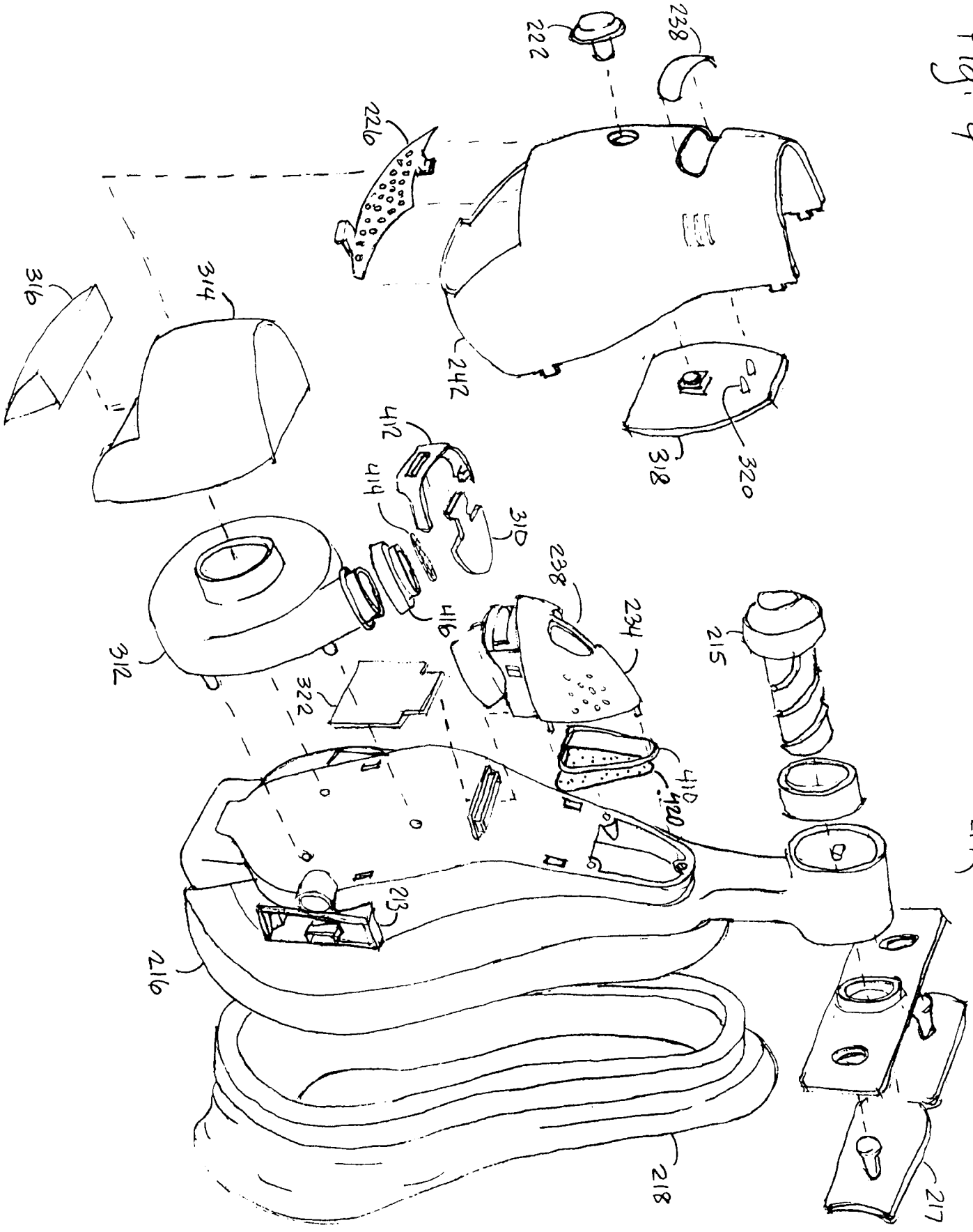

222
238
226
242
316
314
318
320
412
414
310
238
234
416
312
322
215
410
420
214
213
216
218
217

Fig. 4

Fig: 5A

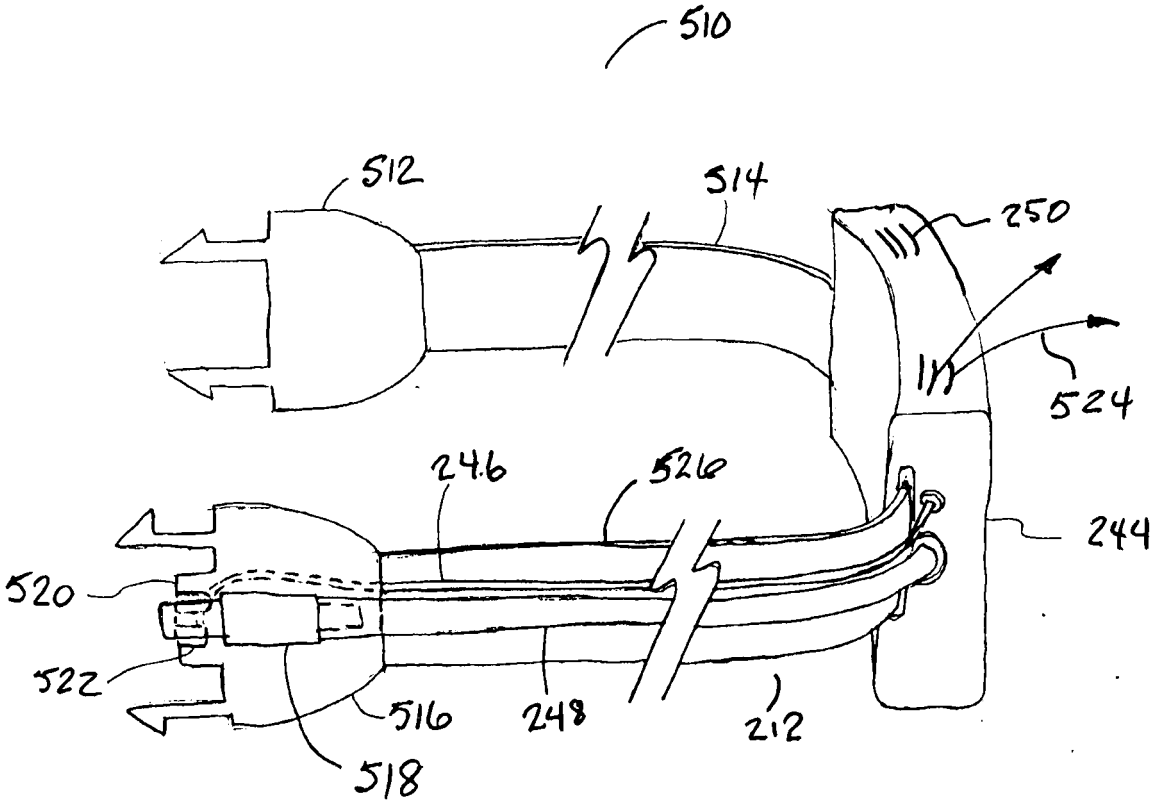


Fig. 5B

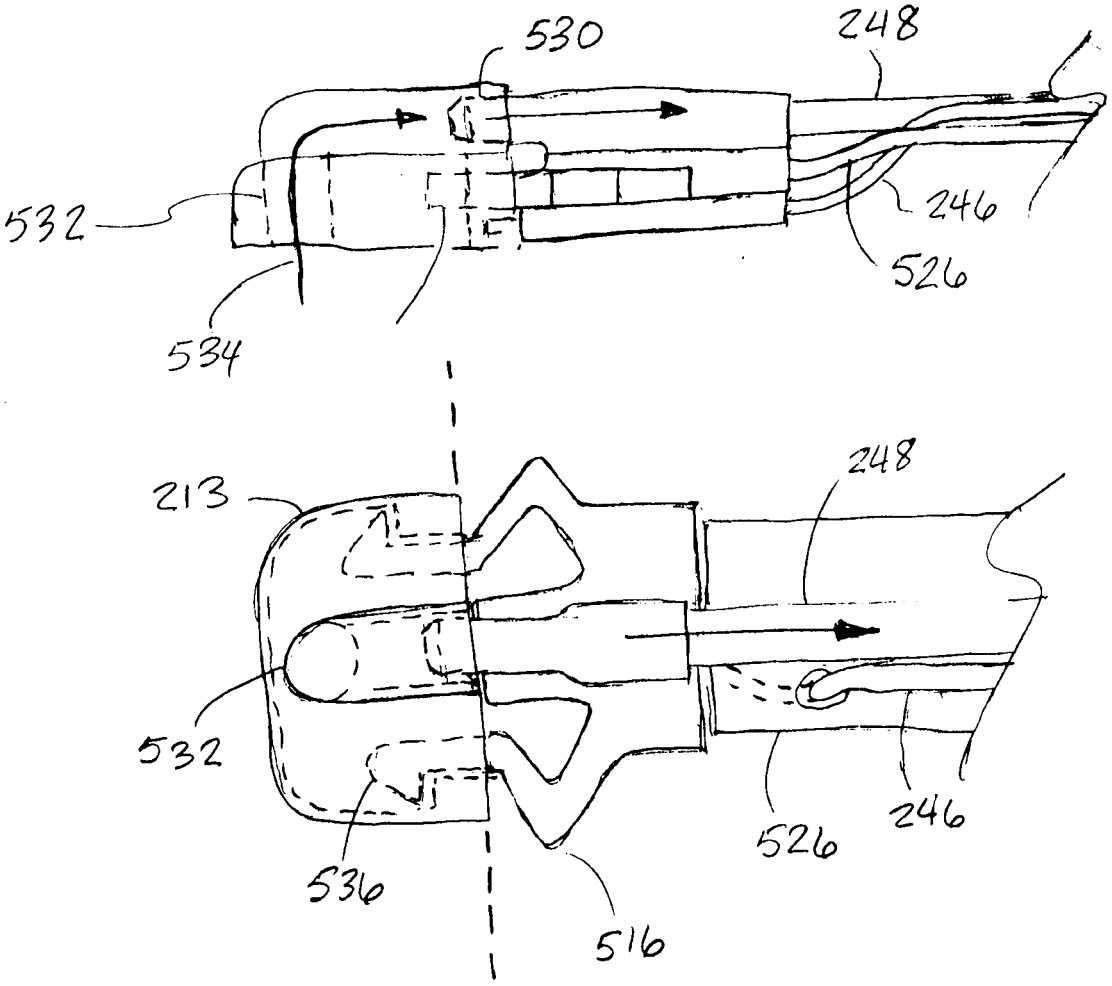


Fig. 6A

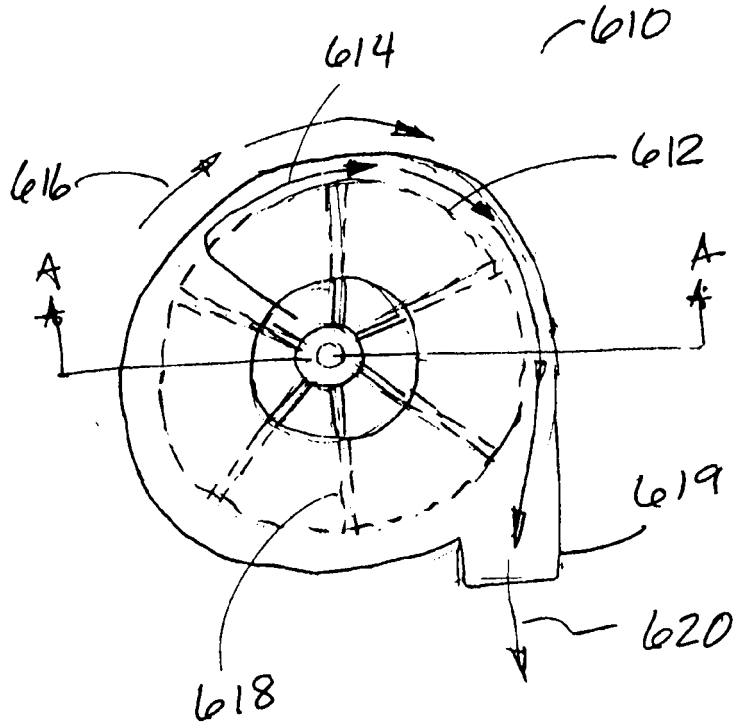

614
610
612
616
A
A
619
620
618

Fig. 6B

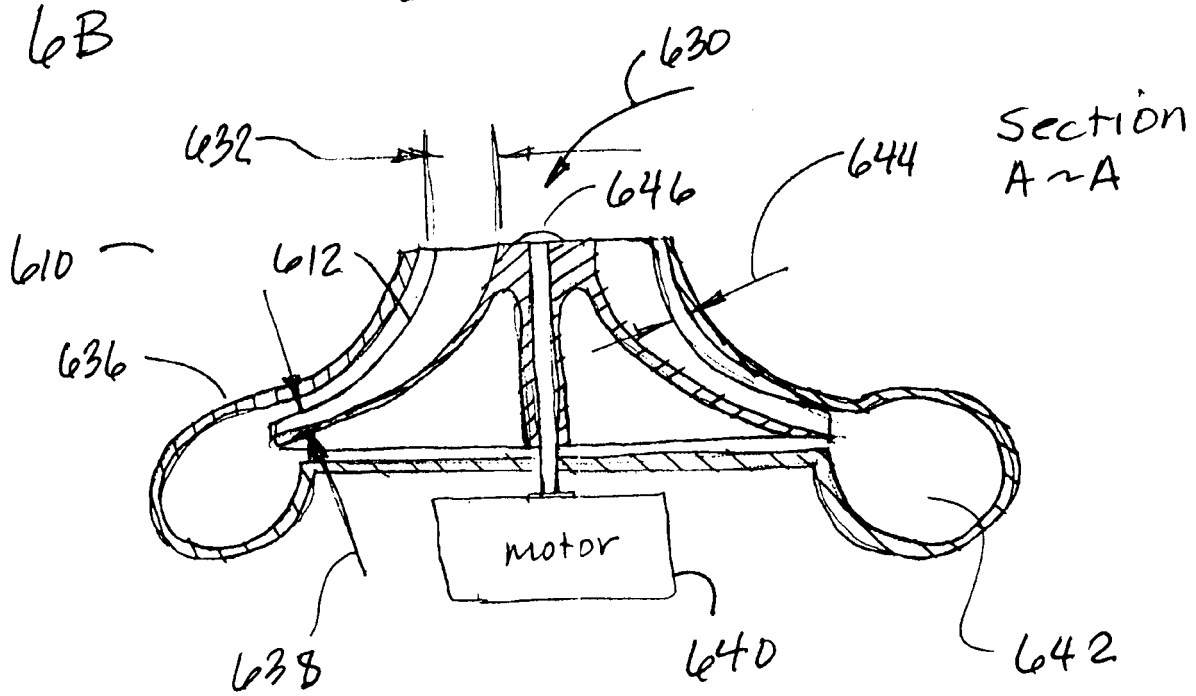

630
632
646
644
Section A~A
610
612
636
motor
638
640
642

Fig. 6C

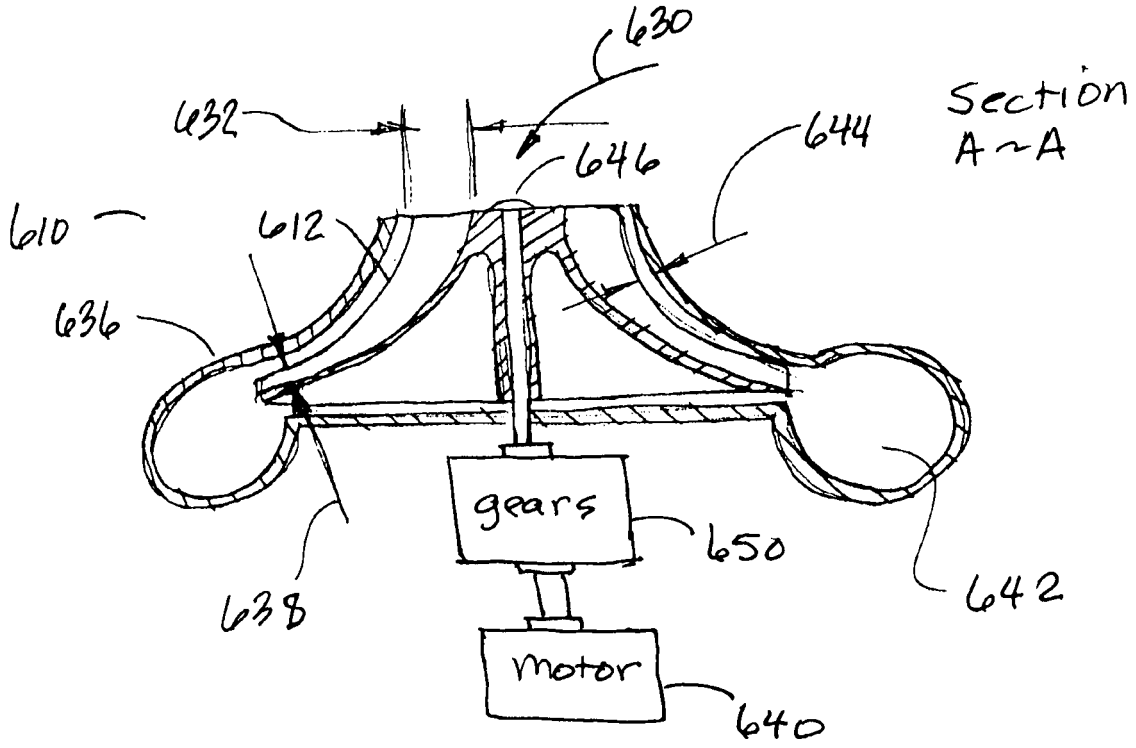

630
632
646
644
Section
A~A
610
612
636
gears
650
638
642
motor
640

Fig. 7A

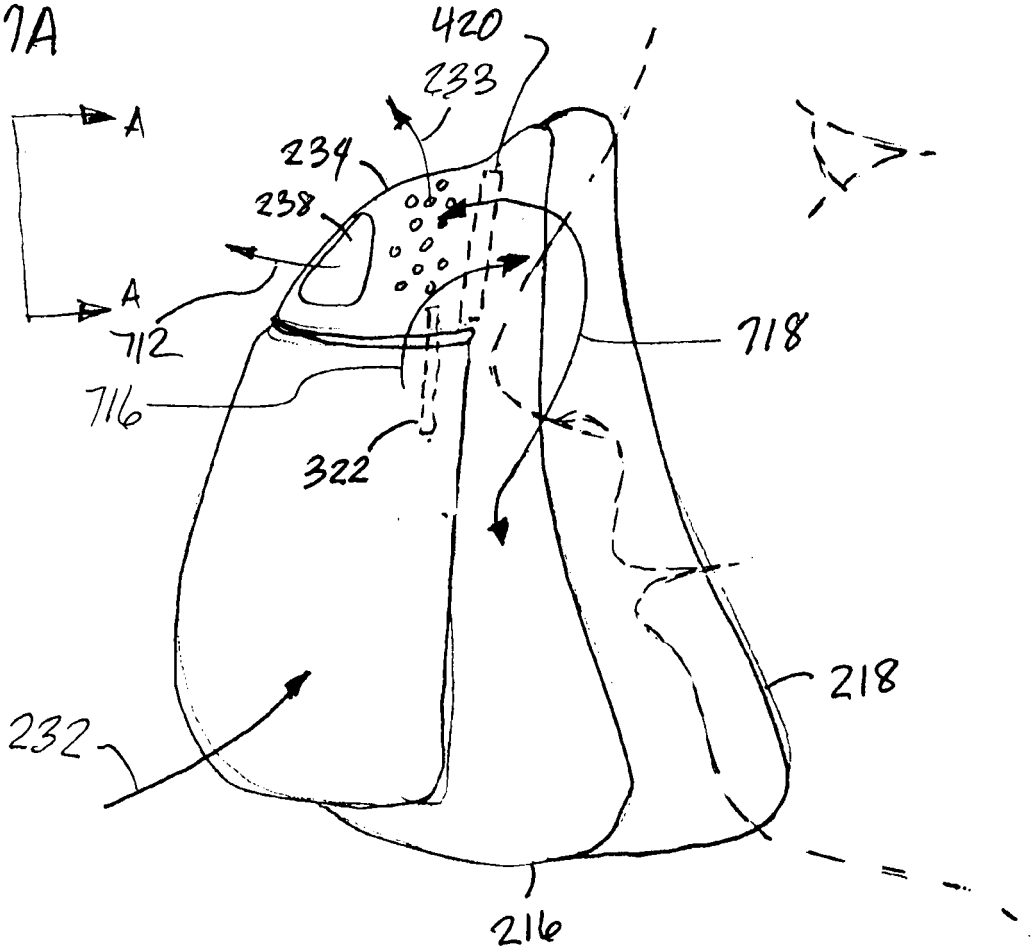


Fig. 7B

Section A~A

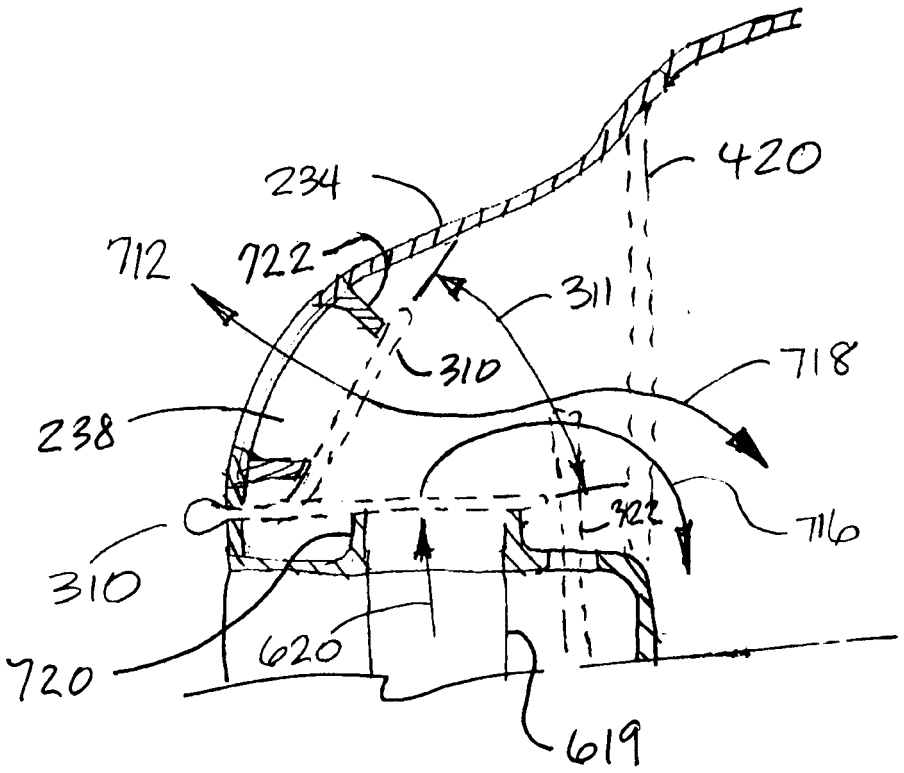


Fig. 8

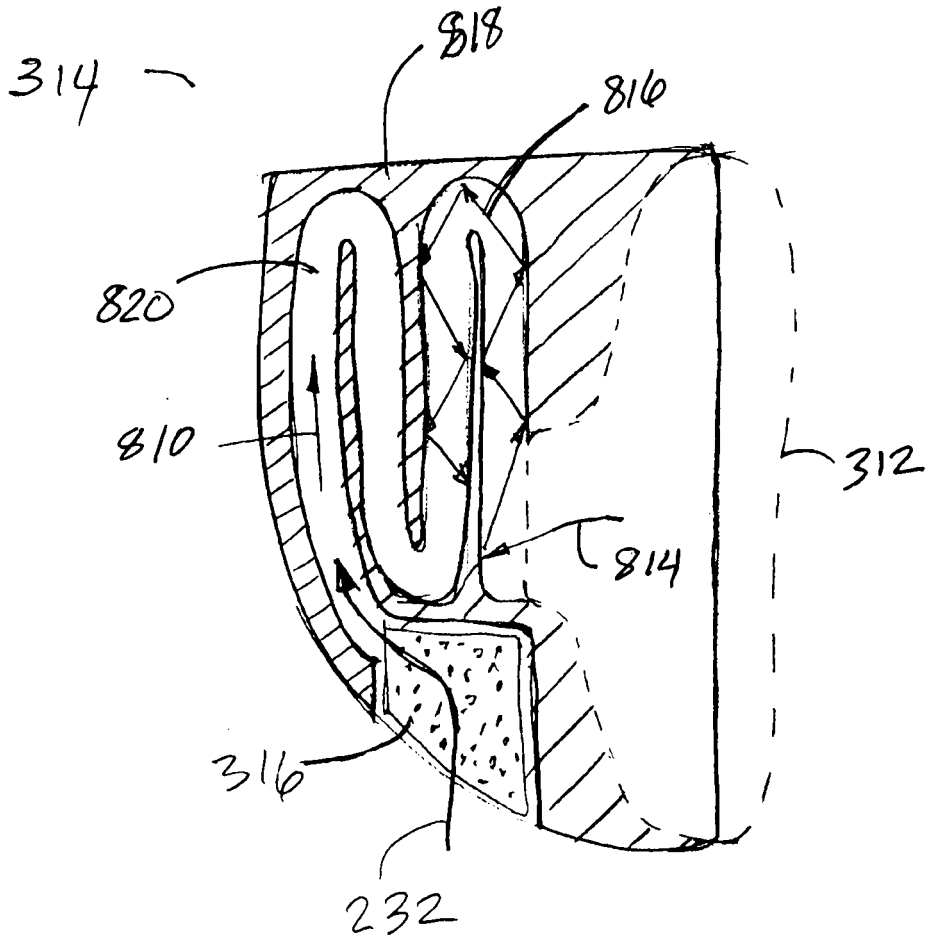


Fig 9

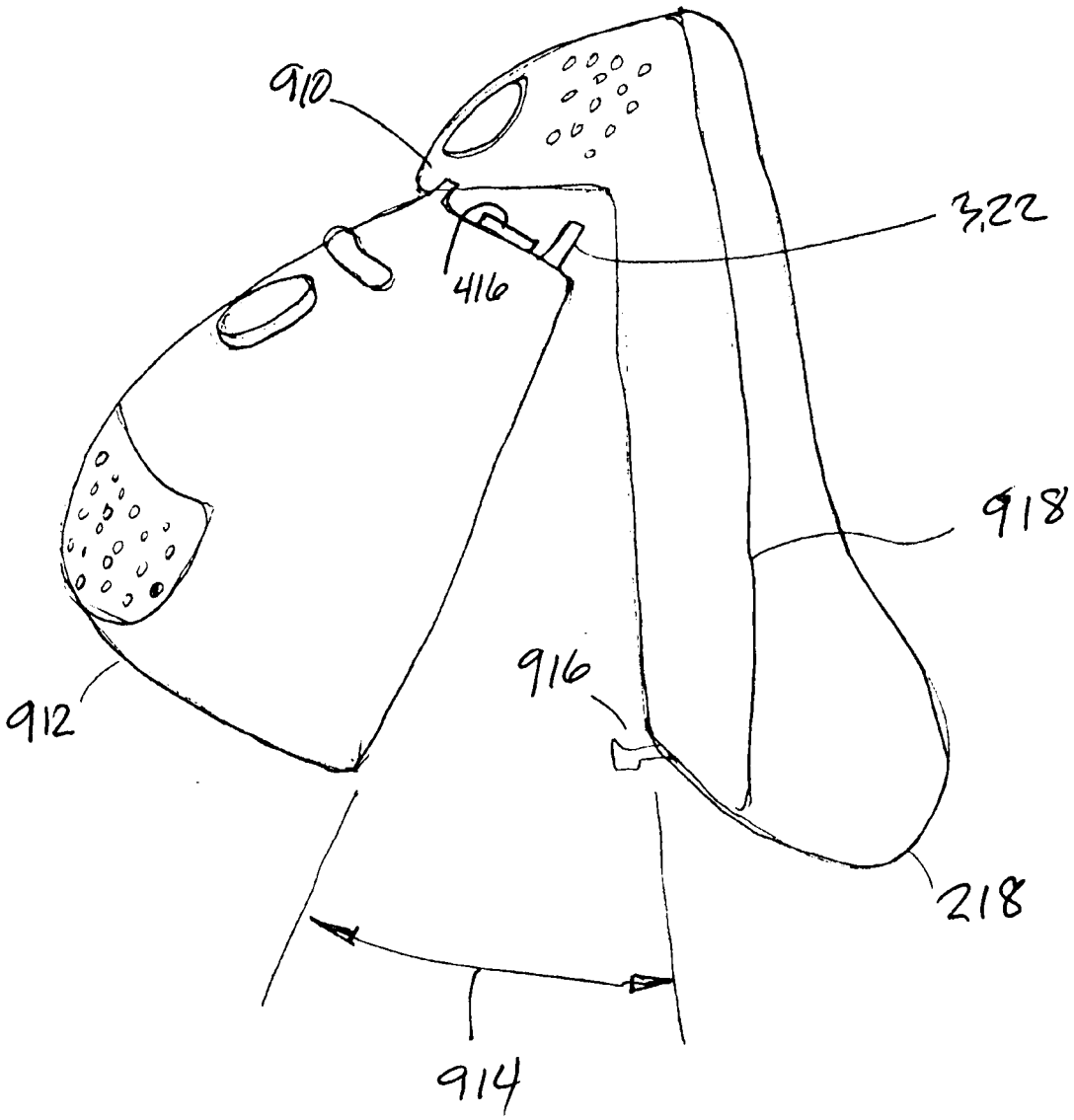


Fig. 10A

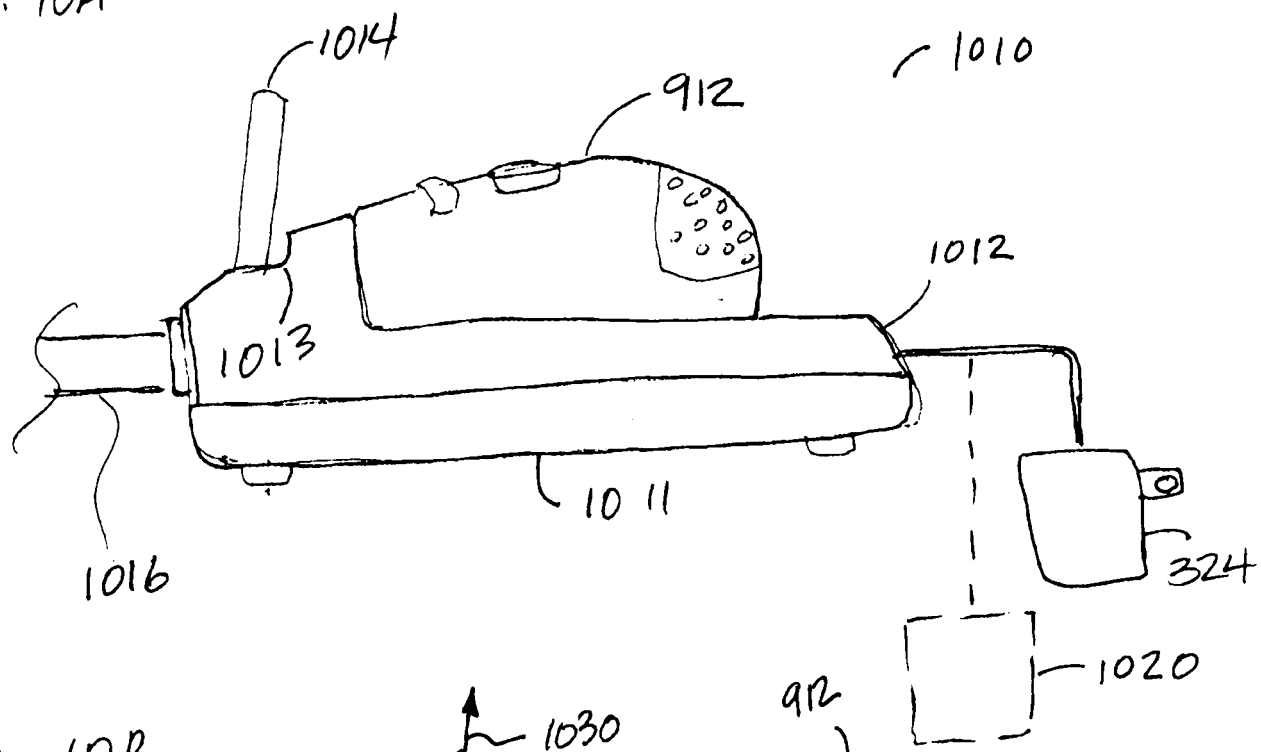


Fig. 10B

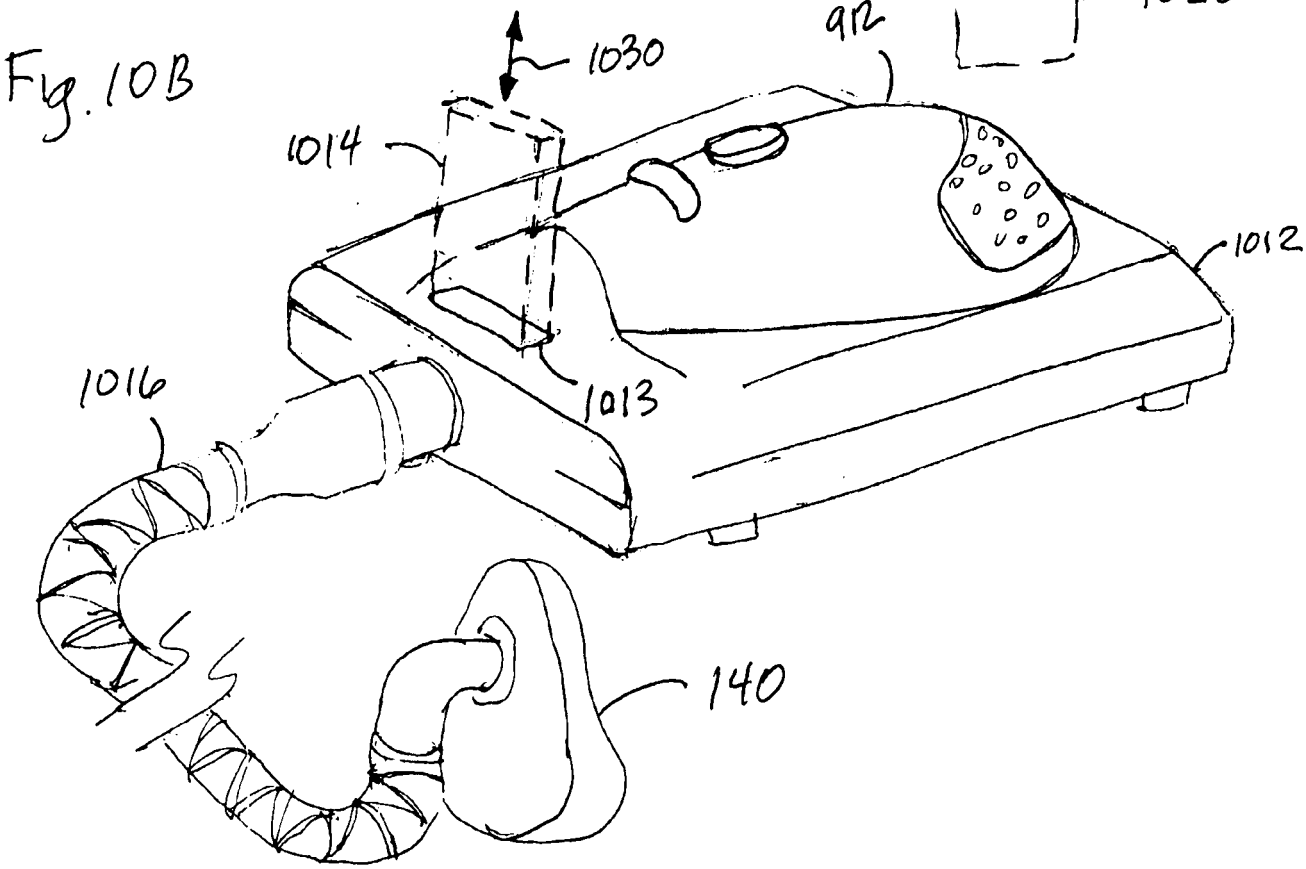


Fig. 11

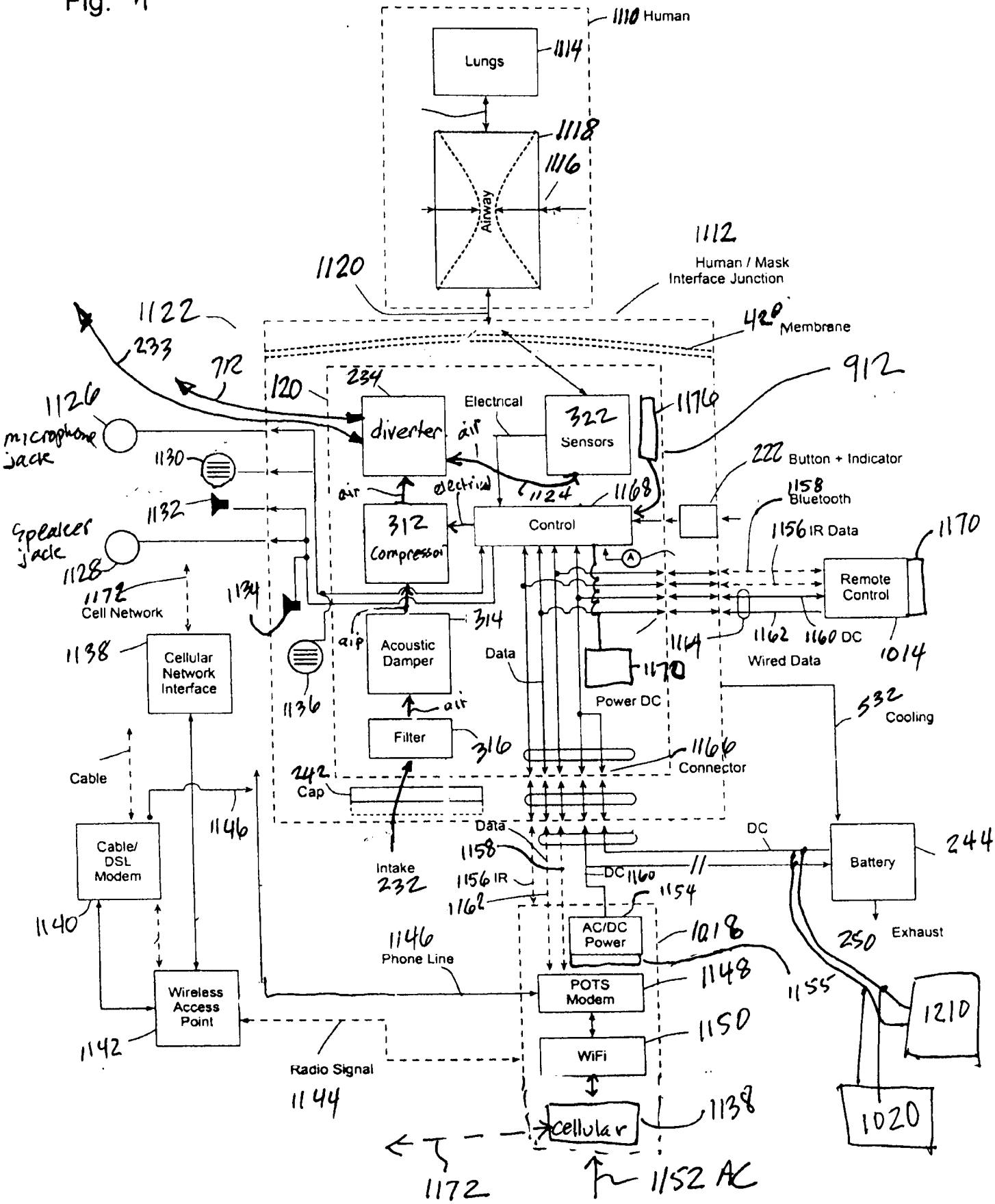
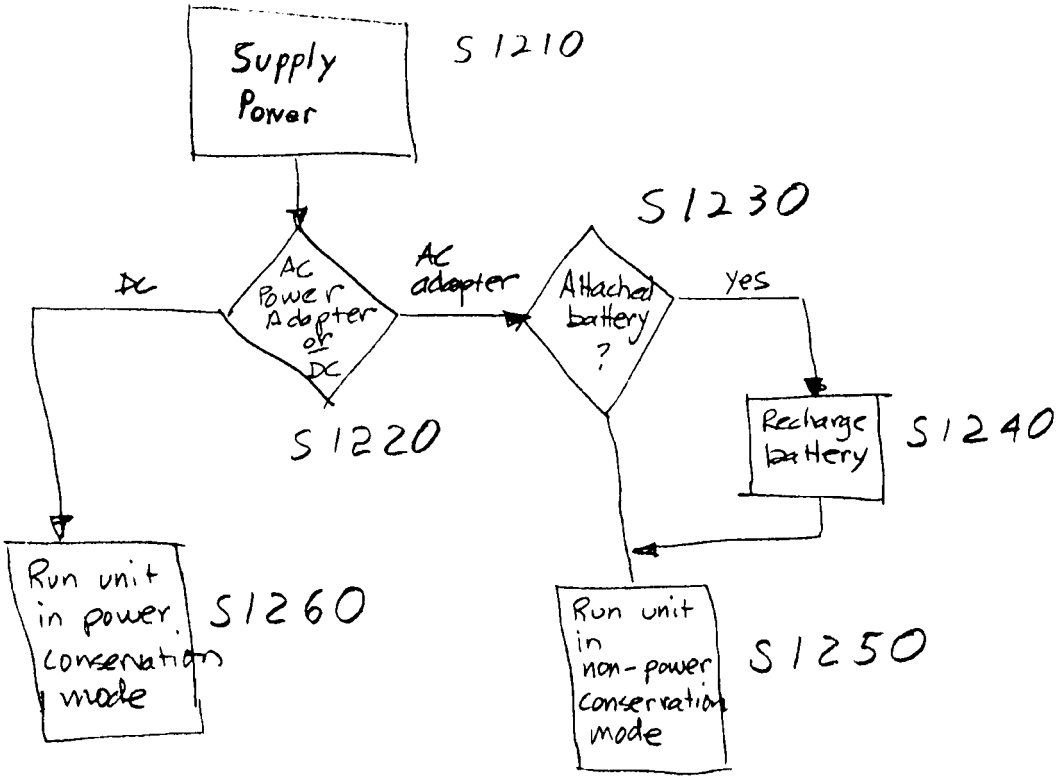

1110 Human
Lungs
1114
1118
1116
Airway
1112
Human / Mask Interface Junction
1120
1122
233
712
420 Membrane
912
234
120
diverter
Electrical
air
322 Sensors
1176
222 Button + Indicator
1158 Bluetooth
1126
microphone jack
1130
1132
air
electrical
1124
1168
312 Compressor
Control
1156 IR Data
1170
Remote Control
speaker jack
1128
1172
Cell Network
1134
air
314
Acoustic Damper
Data
1164
1162
1160 DC
Wired Data
1014
1138
Cellular Network Interface
1136
air
Power DC
532 Cooling
Filter
316
1166 Connector
Cable
242 Cap
Data
DC
Cable/ DSL Modem
1146
Intake 232
1158
1156 IR
1162
DC 1160
1154
Battery
244
1140
AC/DC Power
1018
Exhaust
250
1146 Phone Line
POTS Modem
1148
1155
1210
Wireless Access Point
1142
1150
WiFi
Radio Signal
1144
cellular
1138
1020
1172
1152 AC

FIG. 12


Supply Power
S1210
S1230
AC Power Adapter or DC
S1220
DC
AC adapter
Attached battery ?
yes
Recharge battery
S1240
Run unit in power conservation mode
S1260
Run unit in non-power conservation mode
S1250