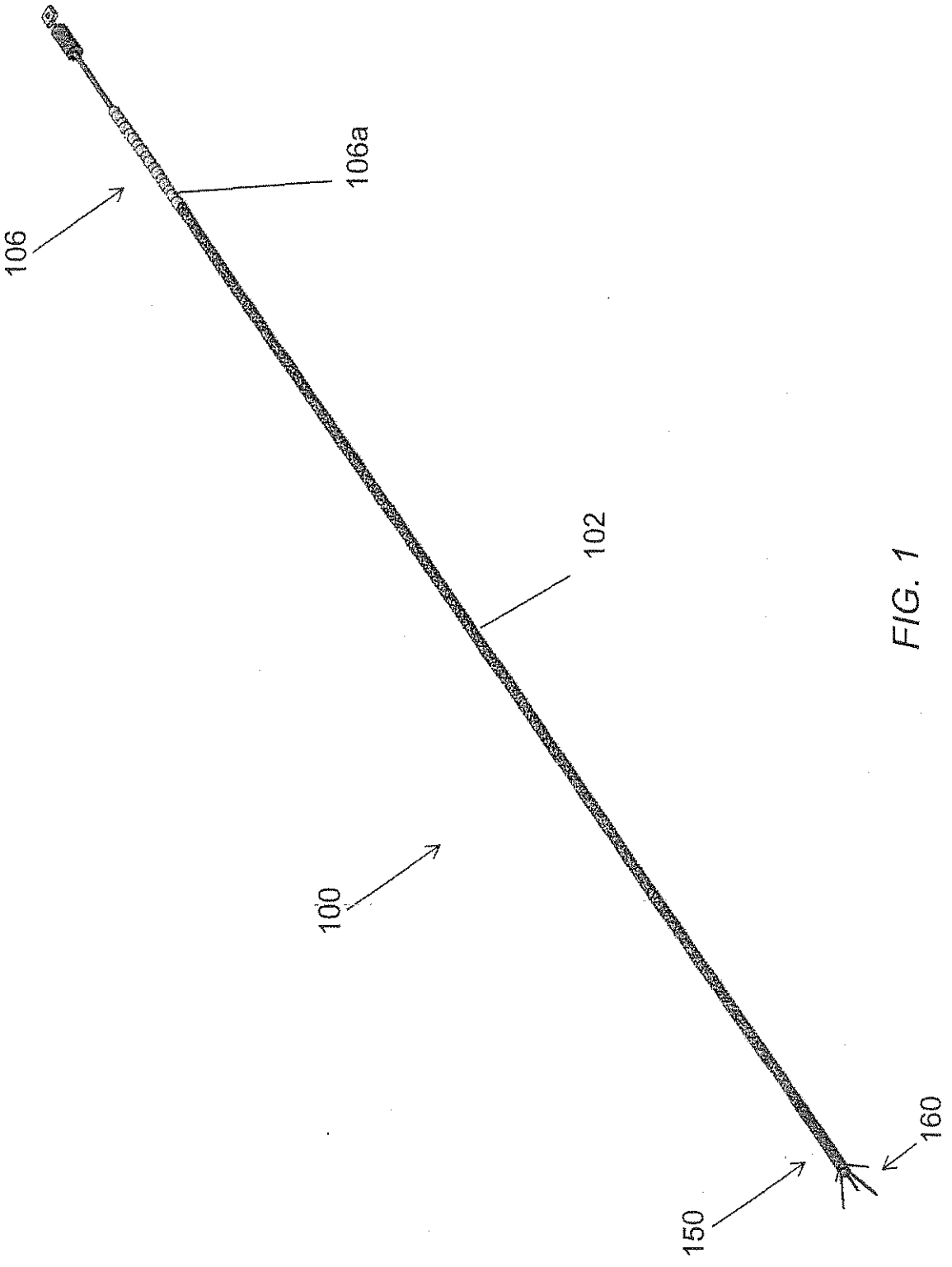


FIG. 1

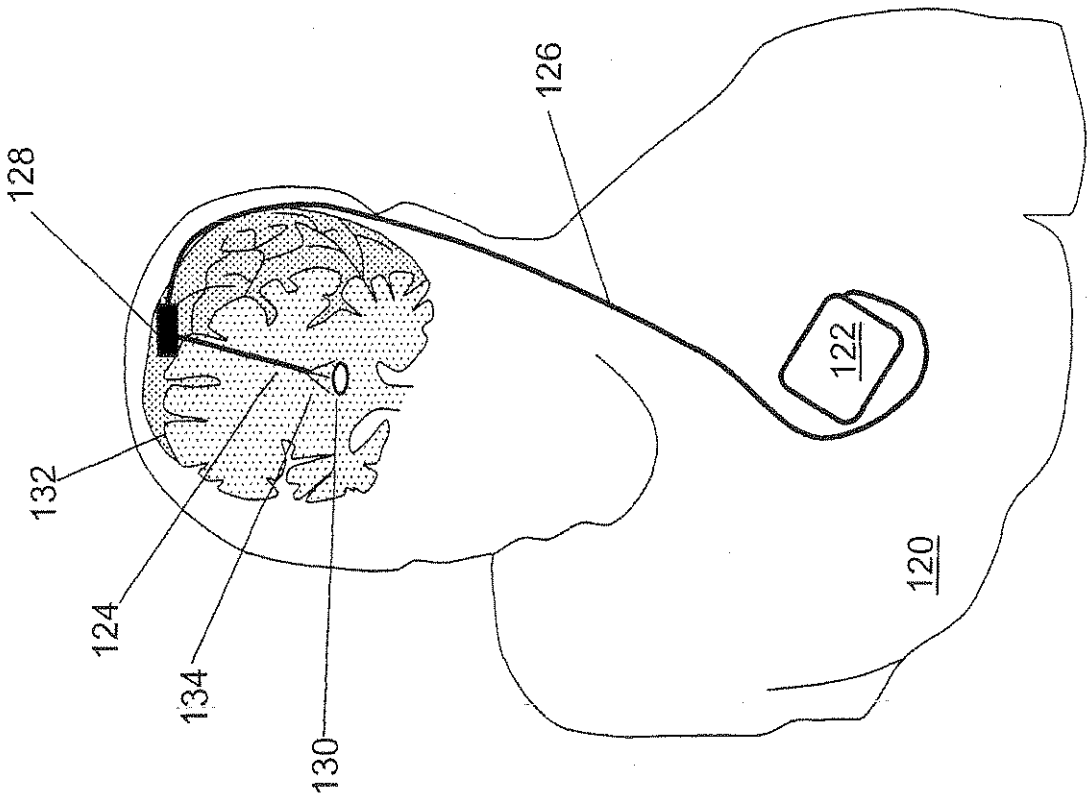


FIG. 2

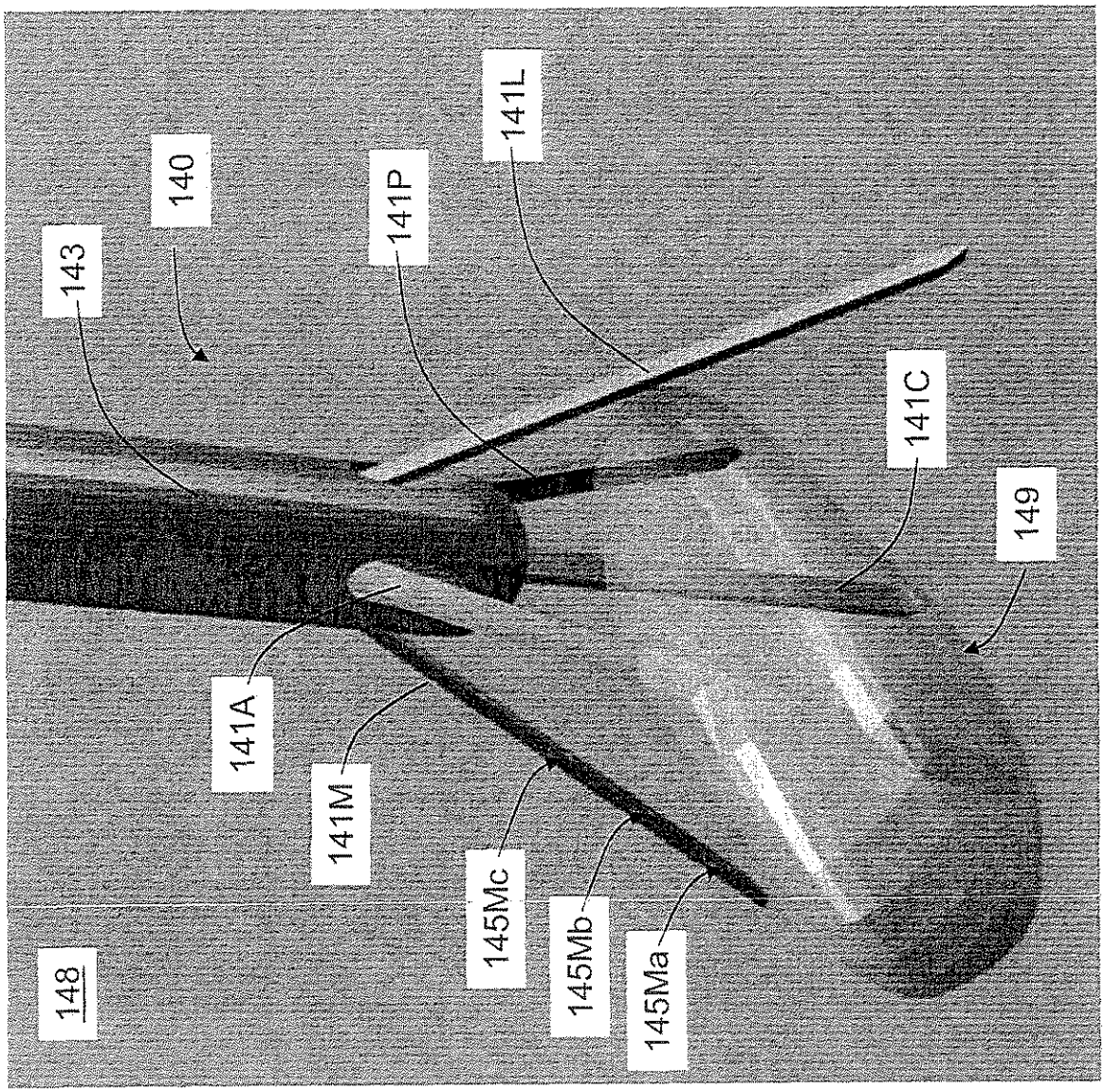


FIG. 3

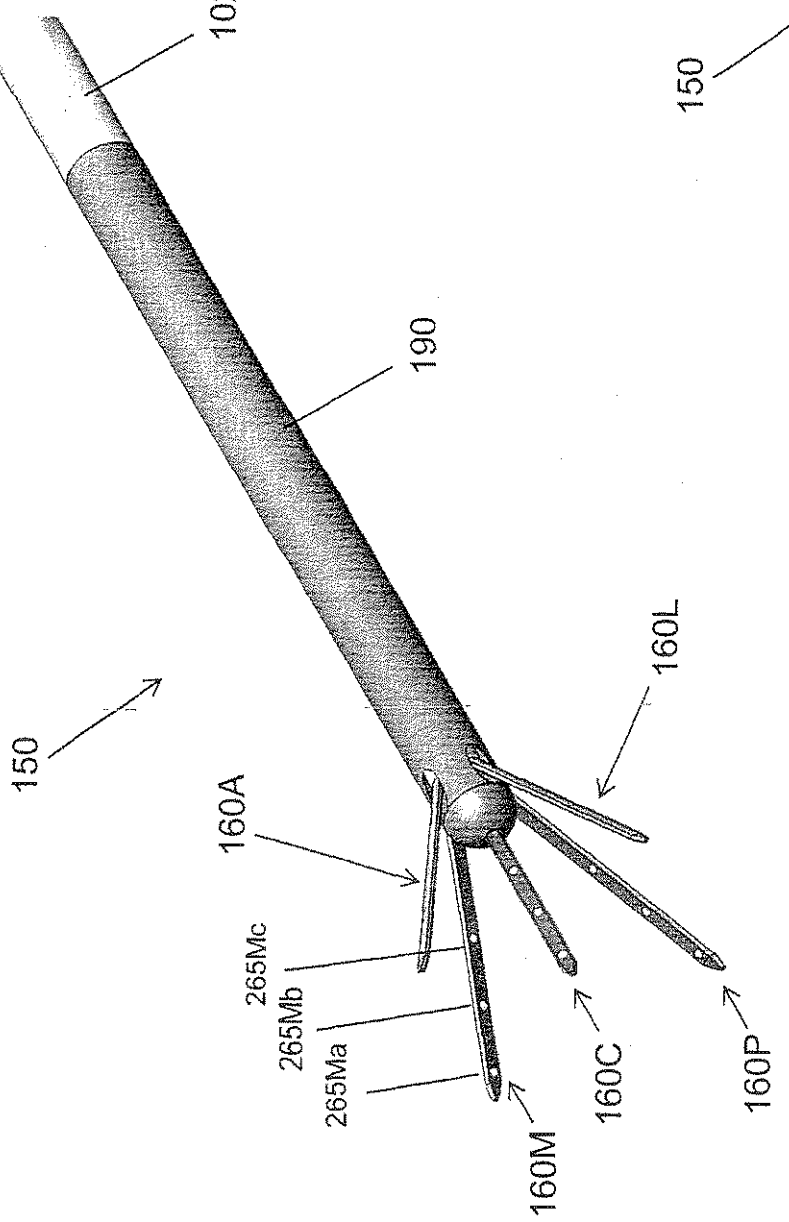

150
102
190
160A
160L
265Mc
265Mb
265Ma
160M
160C
160P

FIG. 4A

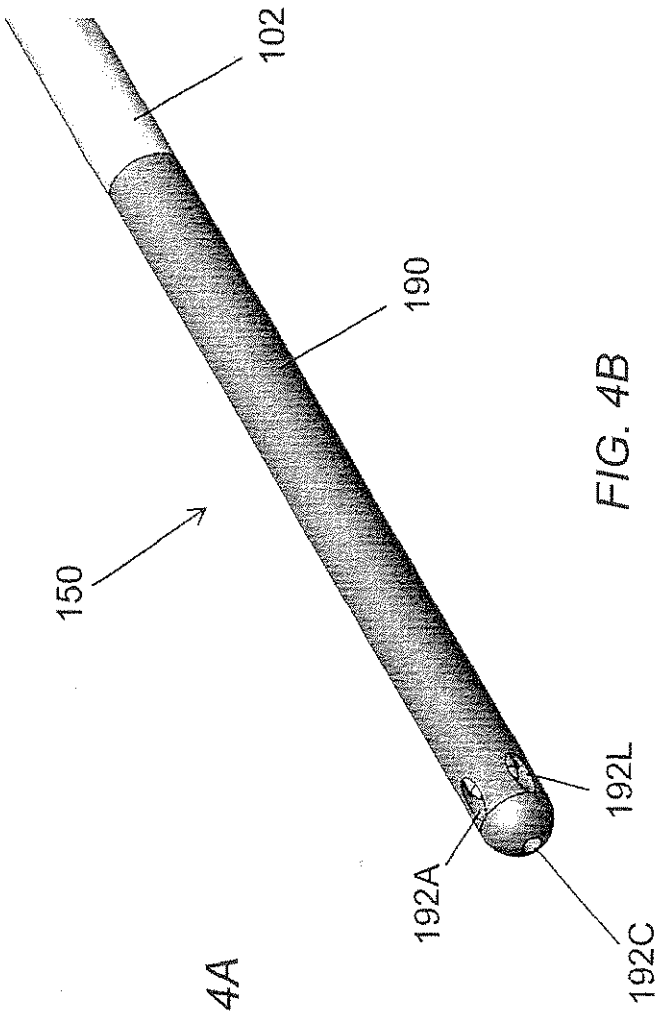

150
102
190
192L
192A
192C

FIG. 4B

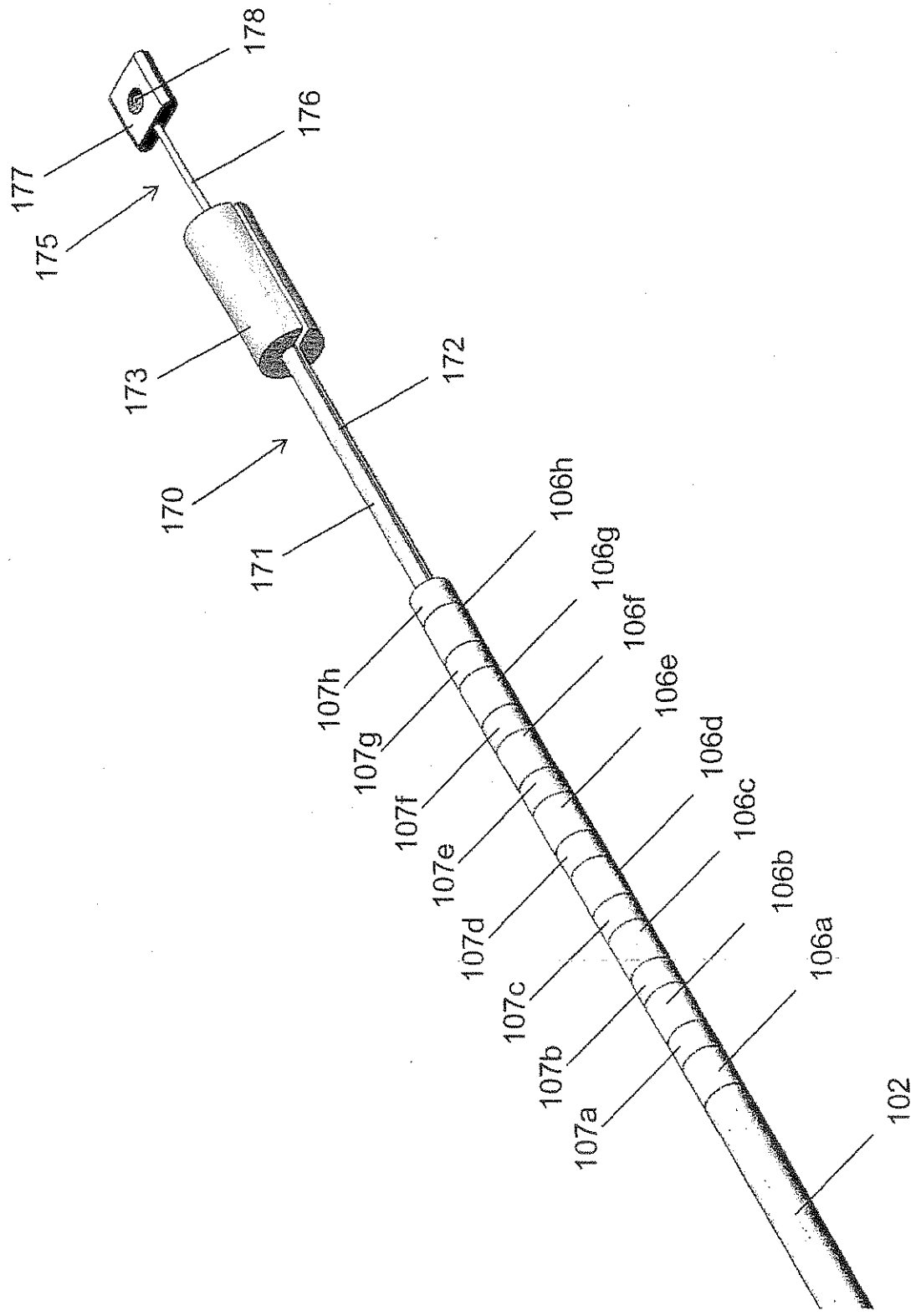

178
176
177
175
173
172
170
171
106h
106g
106f
106e
106d
106c
106b
106a
107h
107g
107f
107e
107d
107c
107b
107a
102

FIG. 5

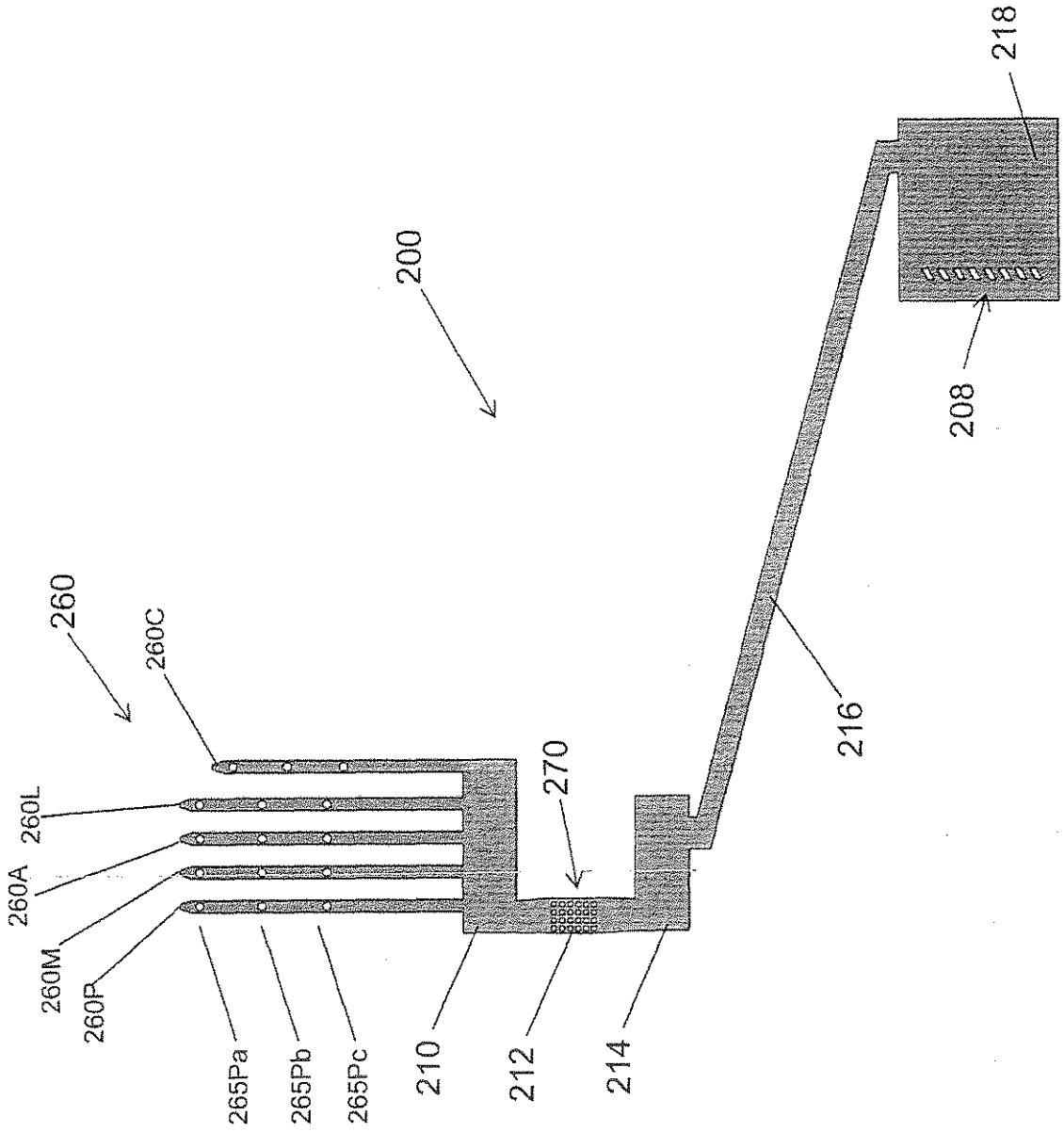

200
218
208
260
260C
260L
260A
260M
260P
270
216
265Pa
265Pb
265Pc
210
212
214

FIG. 6

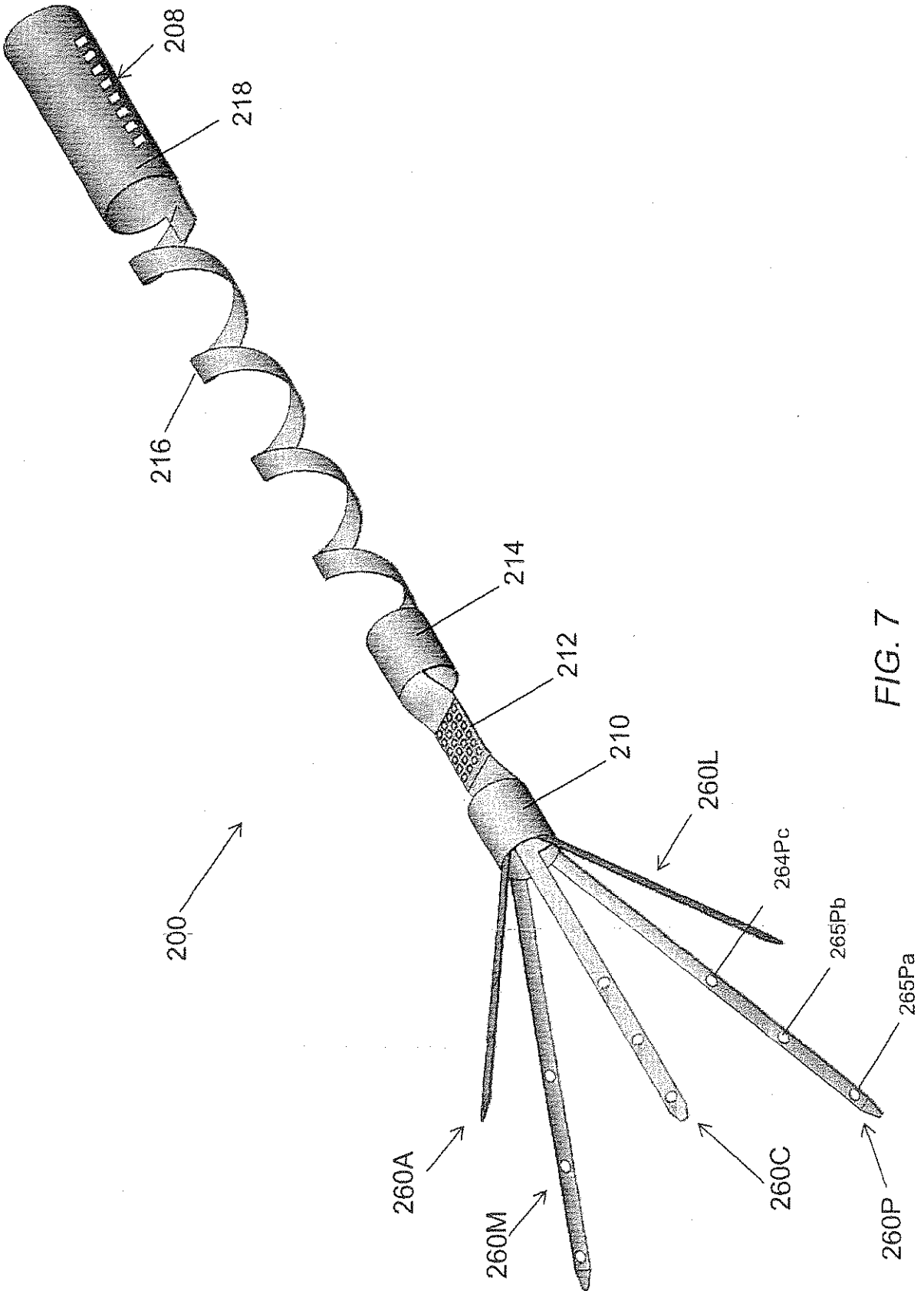

208
218
216
214
212
210
260L
264Pc
265Pb
265Pa
200
260A
260M
260C
260P

FIG. 7

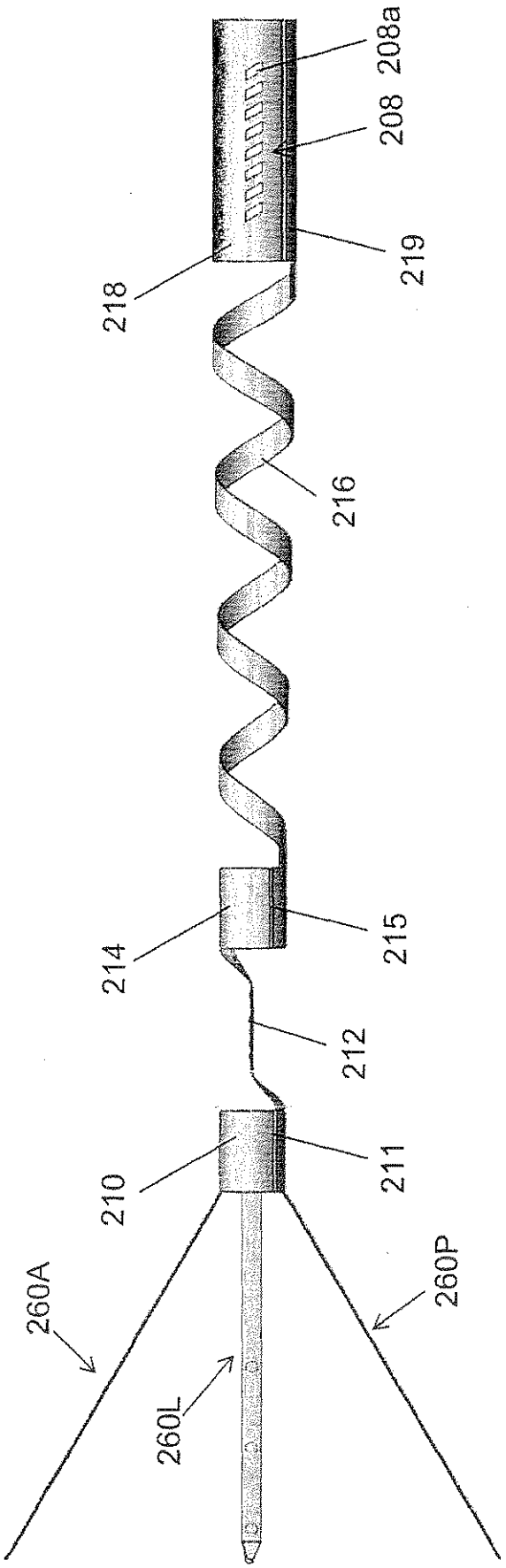

208a
208
219
218
216
214
215
212
210
211
260A
260P
260L

FIG. 8A

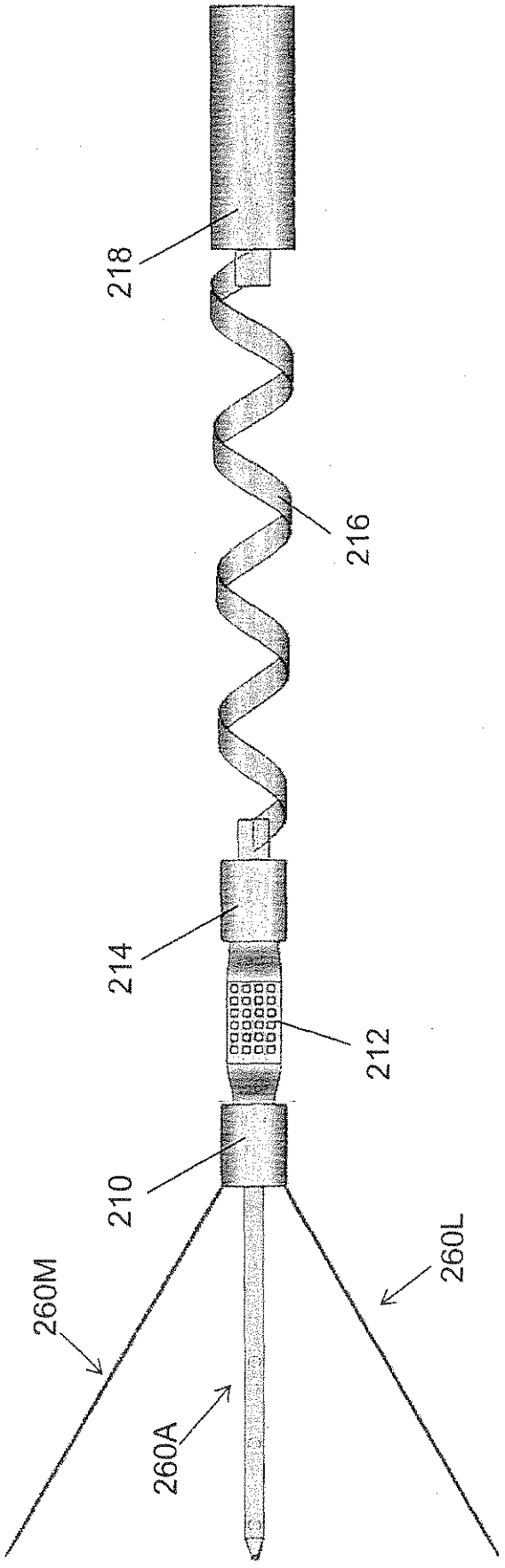

218
216
214
212
210
260M
260L
260A

FIG. 8B

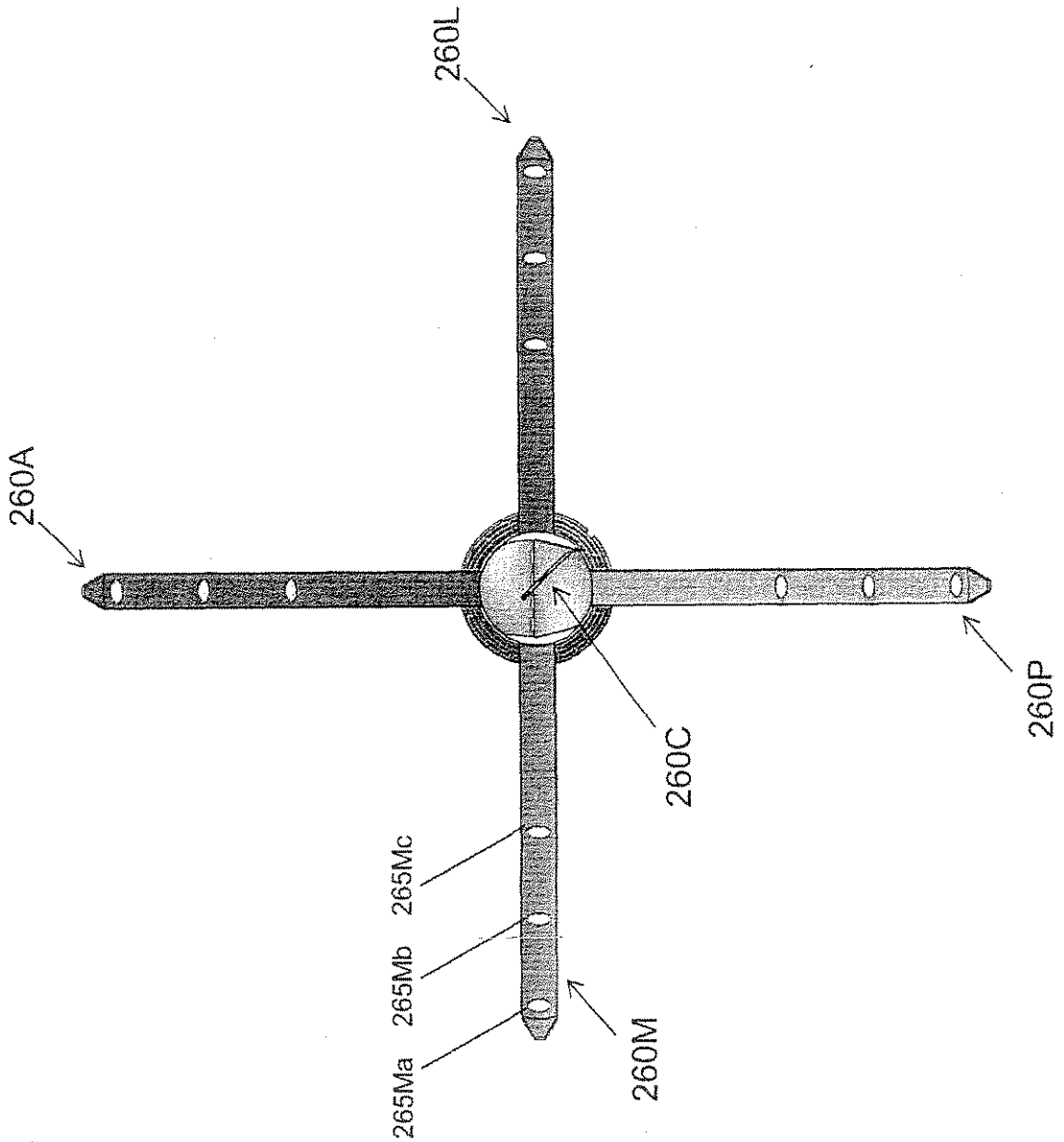


FIG. 9

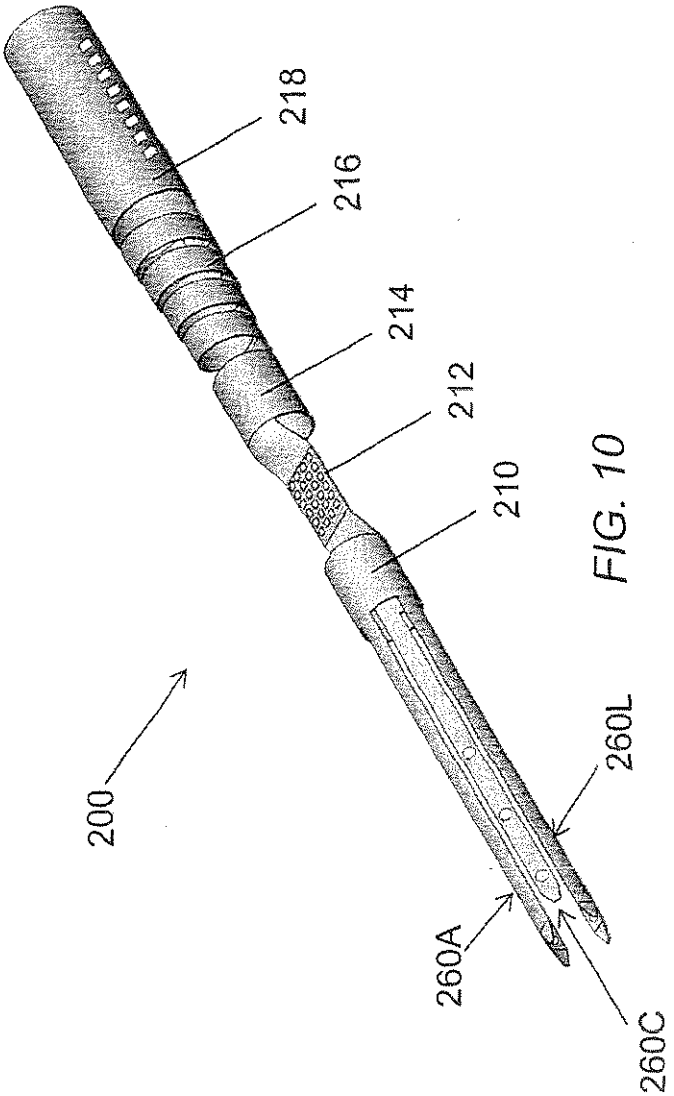

200
218
216
214
212
210
260L
260A
260C

FIG. 10

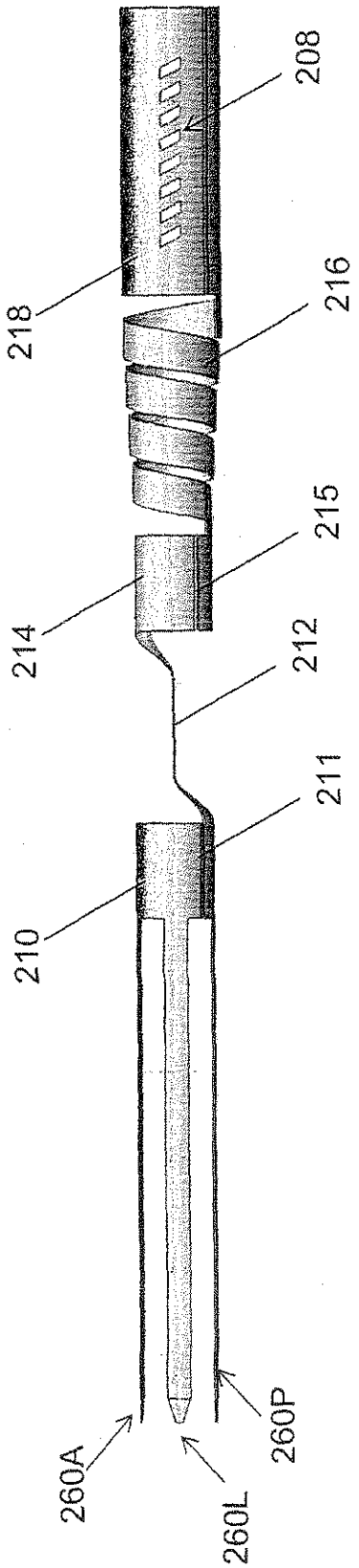

208
218
216
215
214
212
211
210
260A
260L
260P

FIG. 11

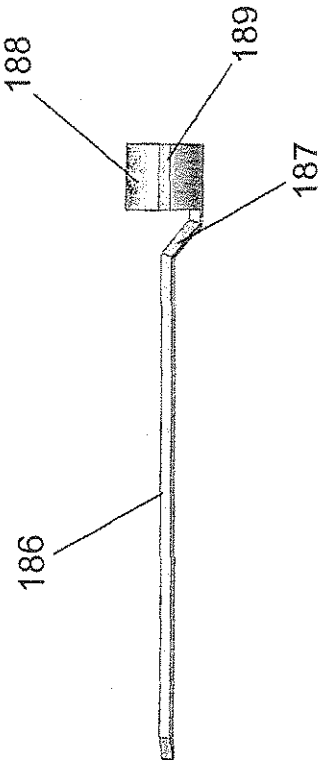


FIG. 12B

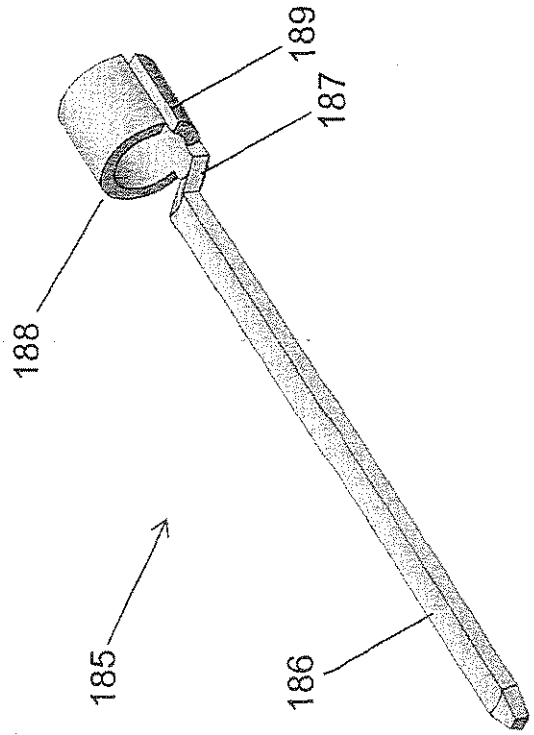


FIG. 12A

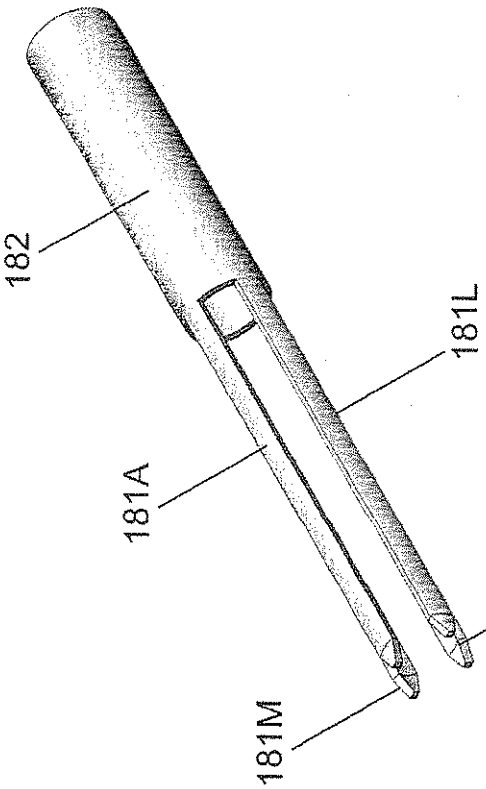


FIG. 13B

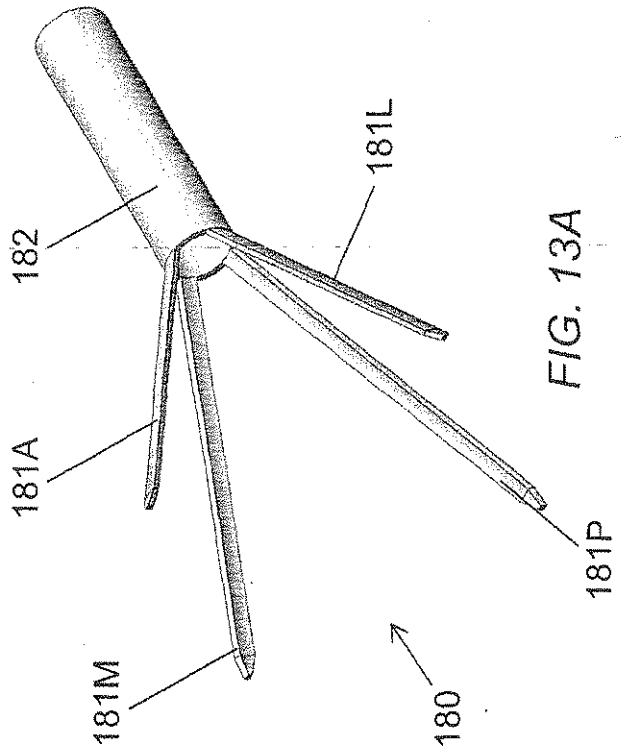


FIG. 13A

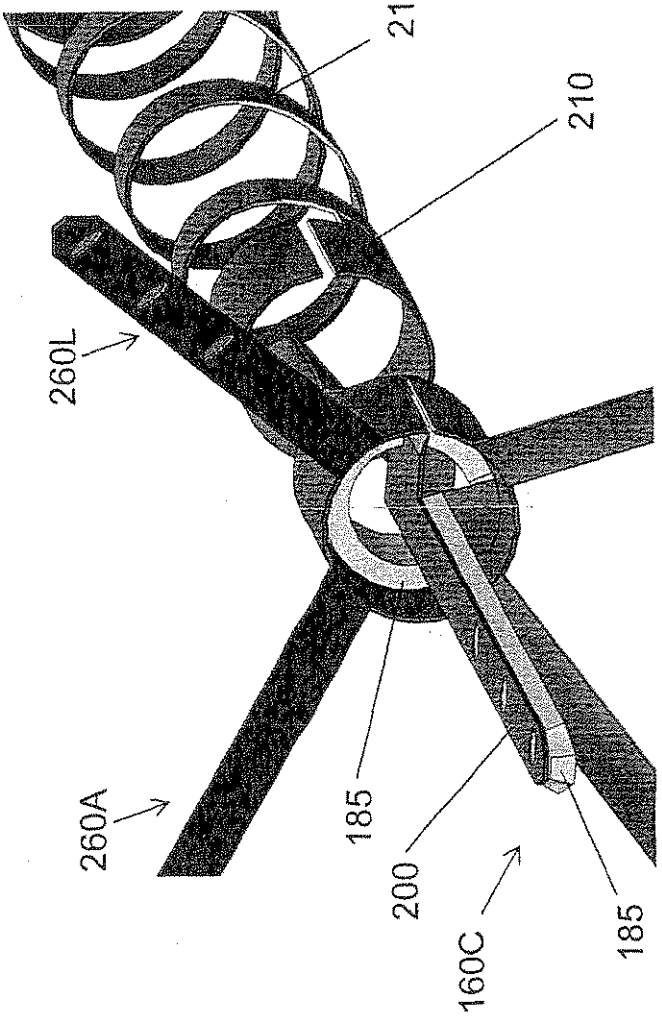

260L
216
210
260A
185
200
160C
185

FIG. 14

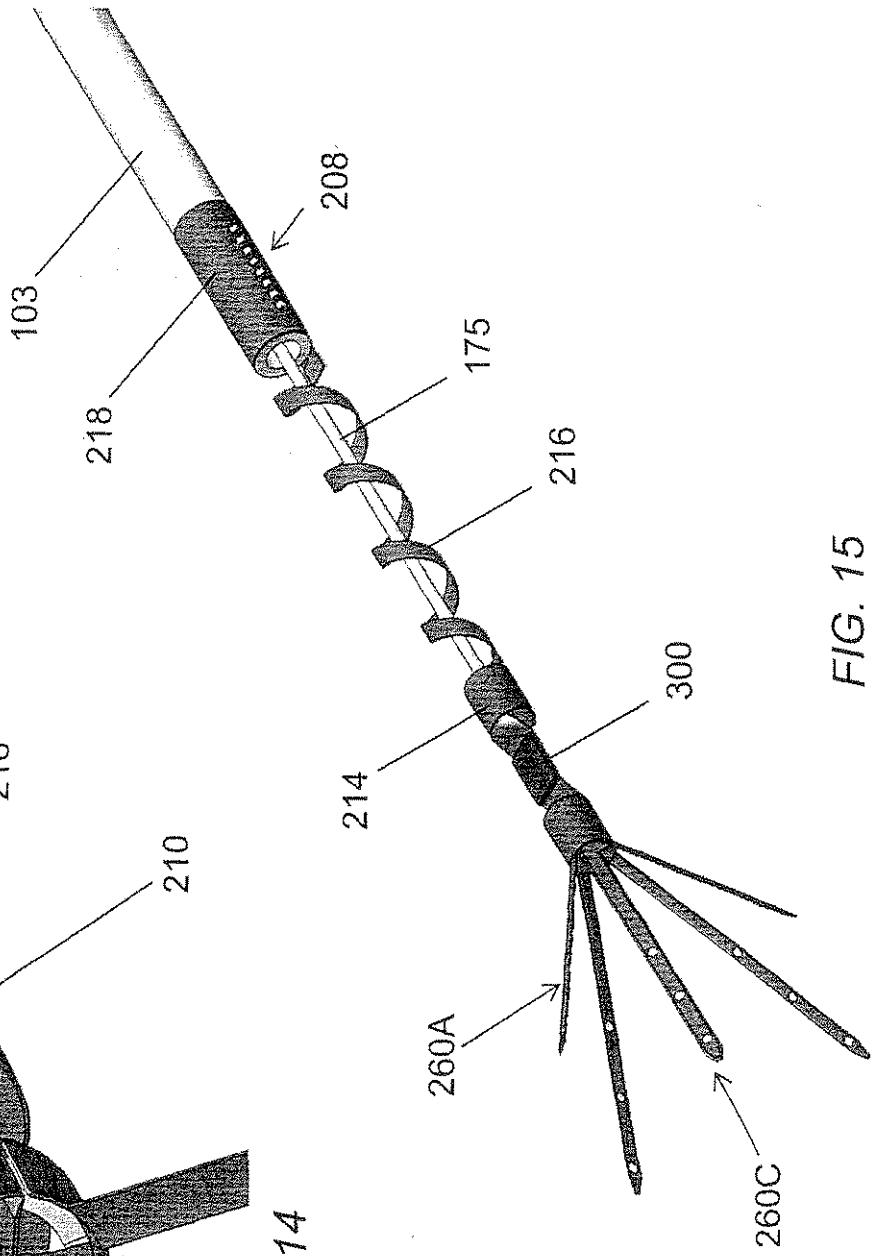

103
208
218
175
216
214
300
260A
260C

FIG. 15

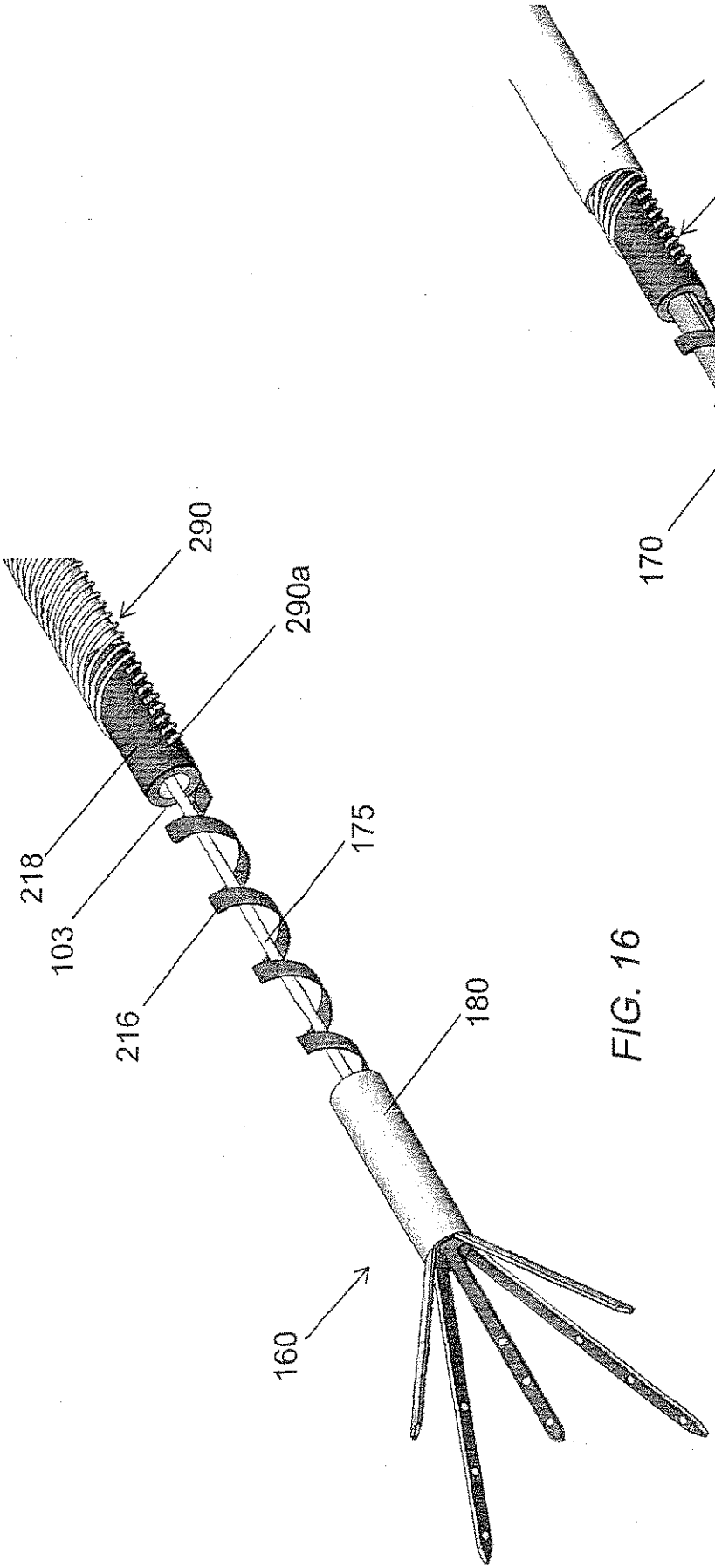


FIG. 16

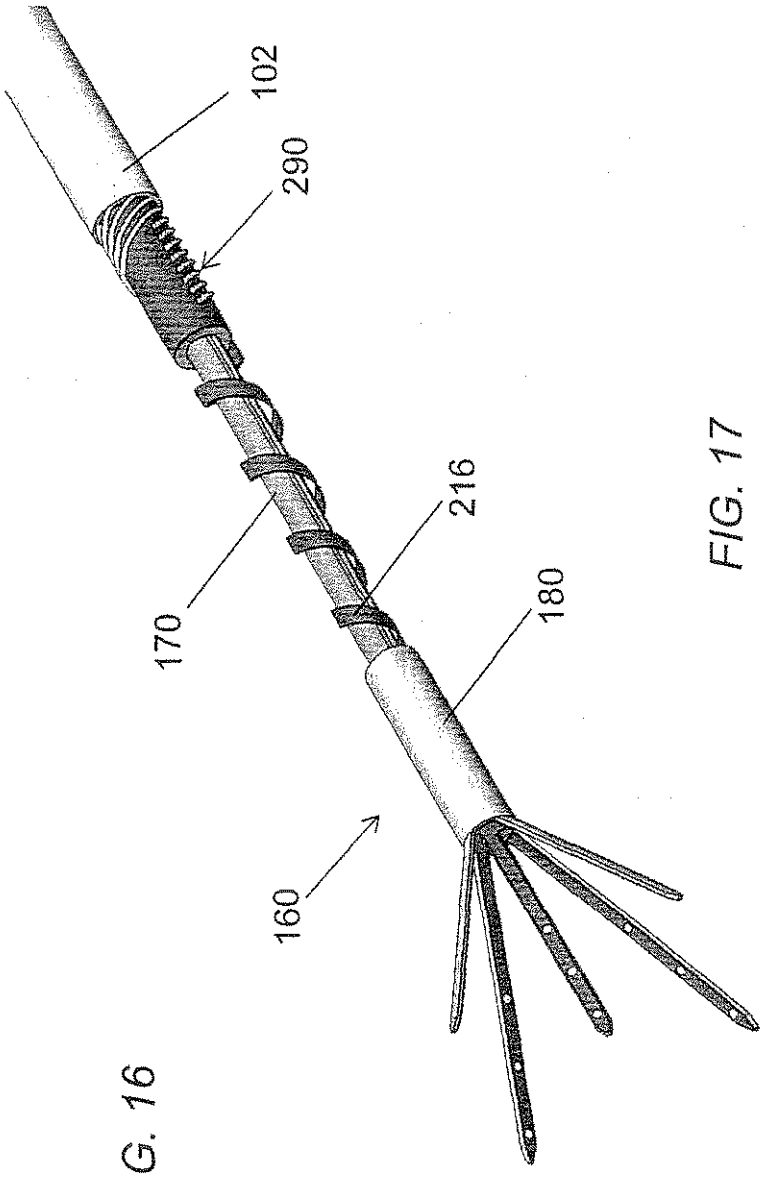


FIG. 17

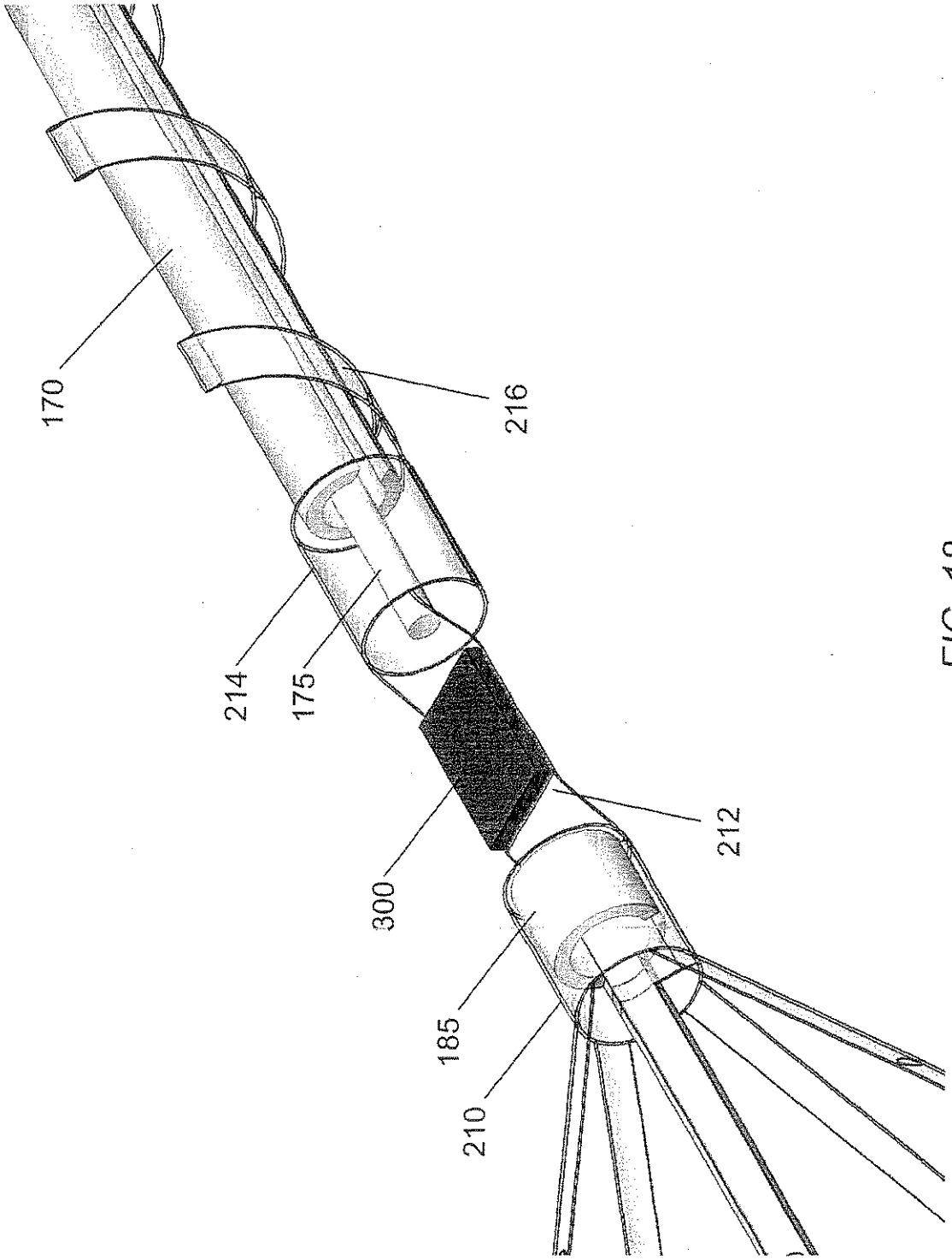


FIG. 18

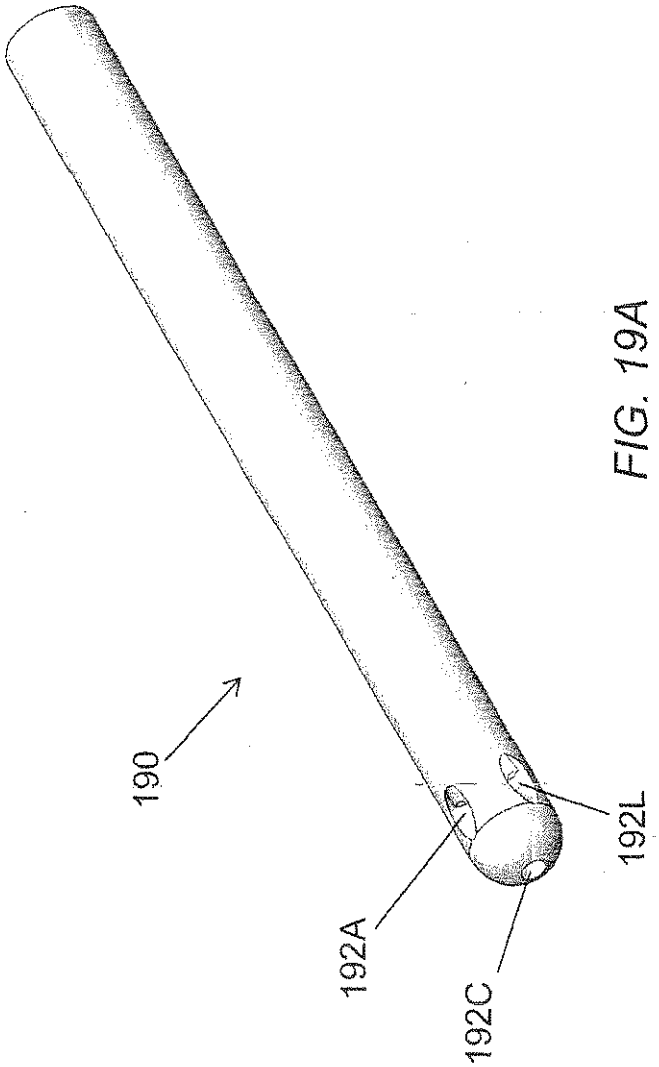


FIG. 19A

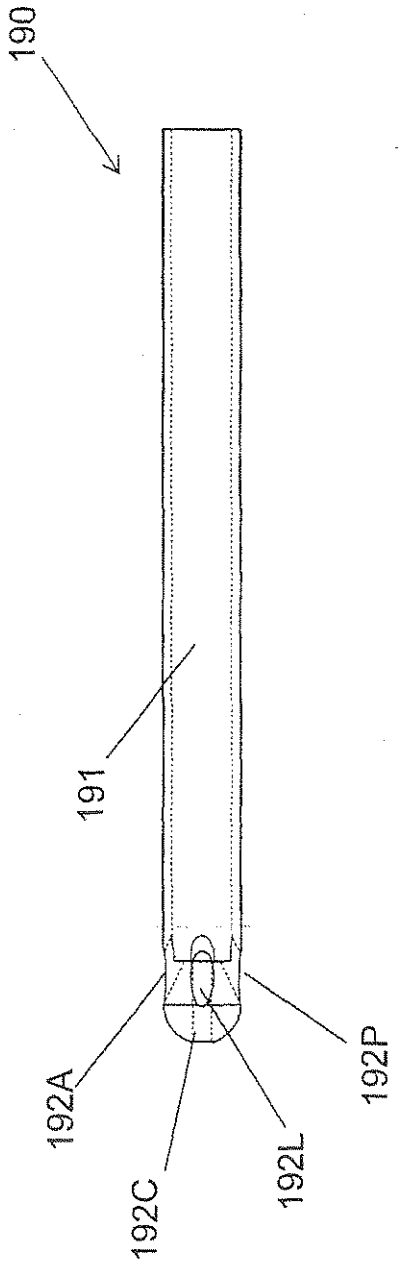


FIG. 19B

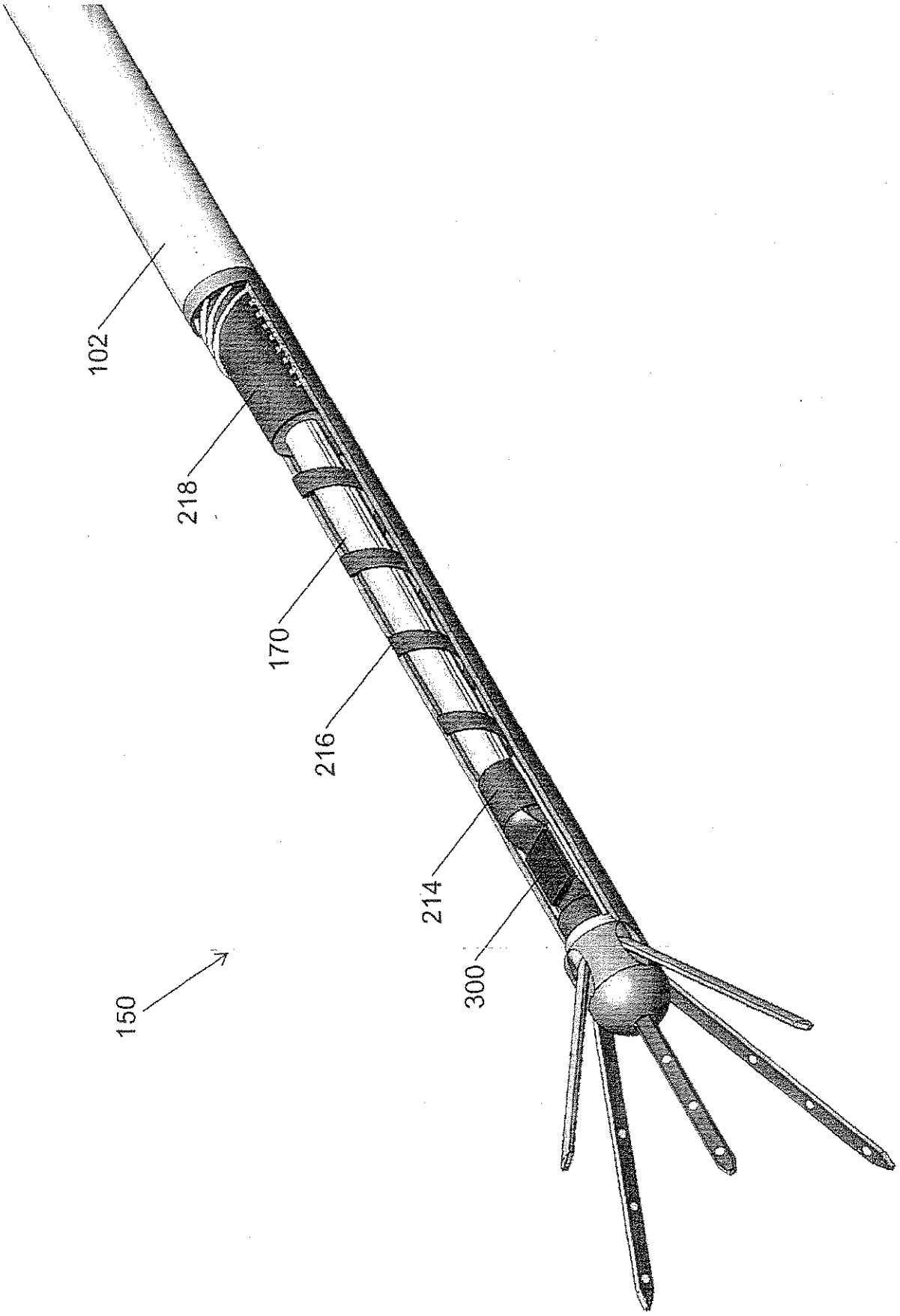


FIG. 20

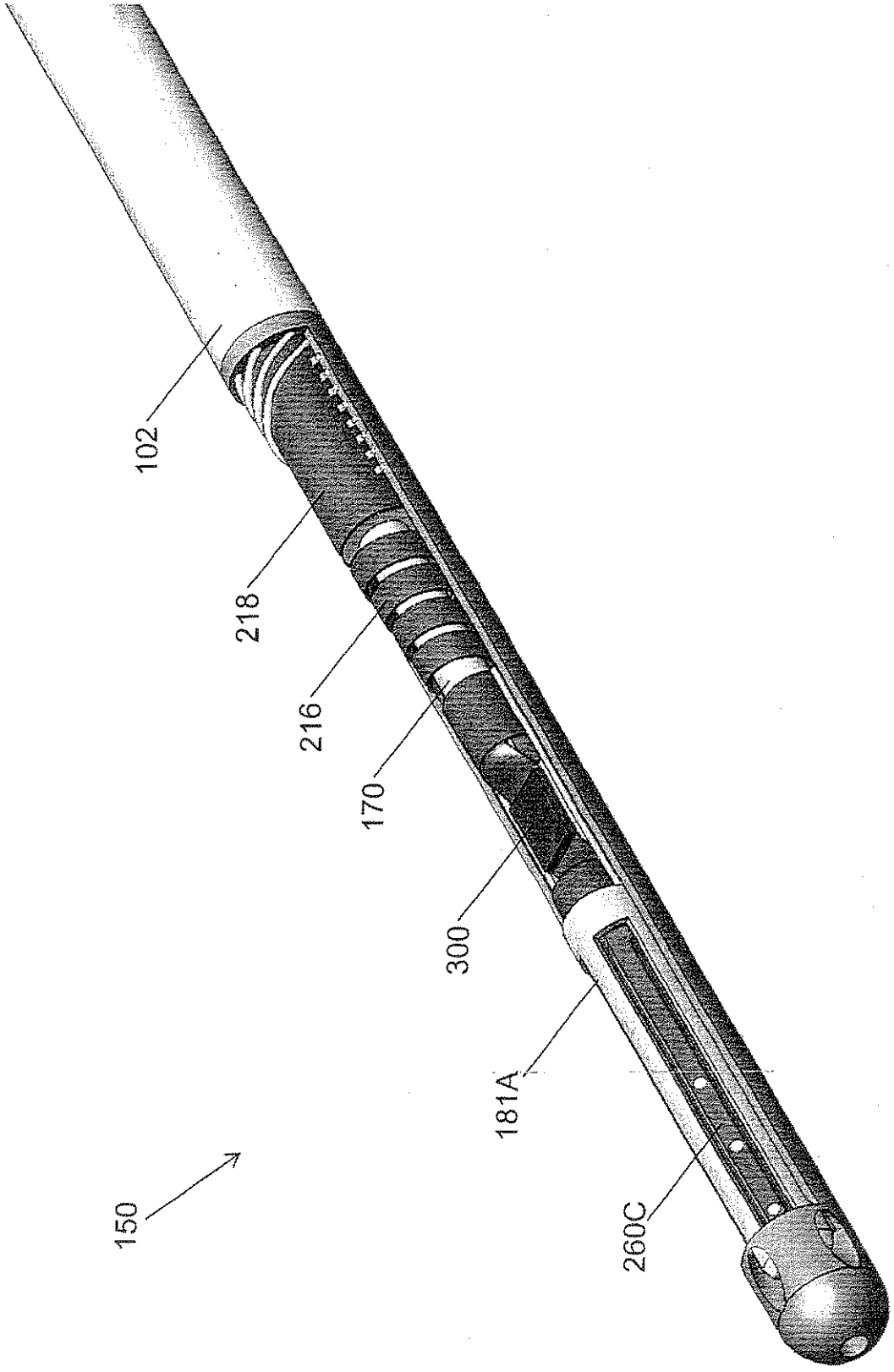


FIG. 21

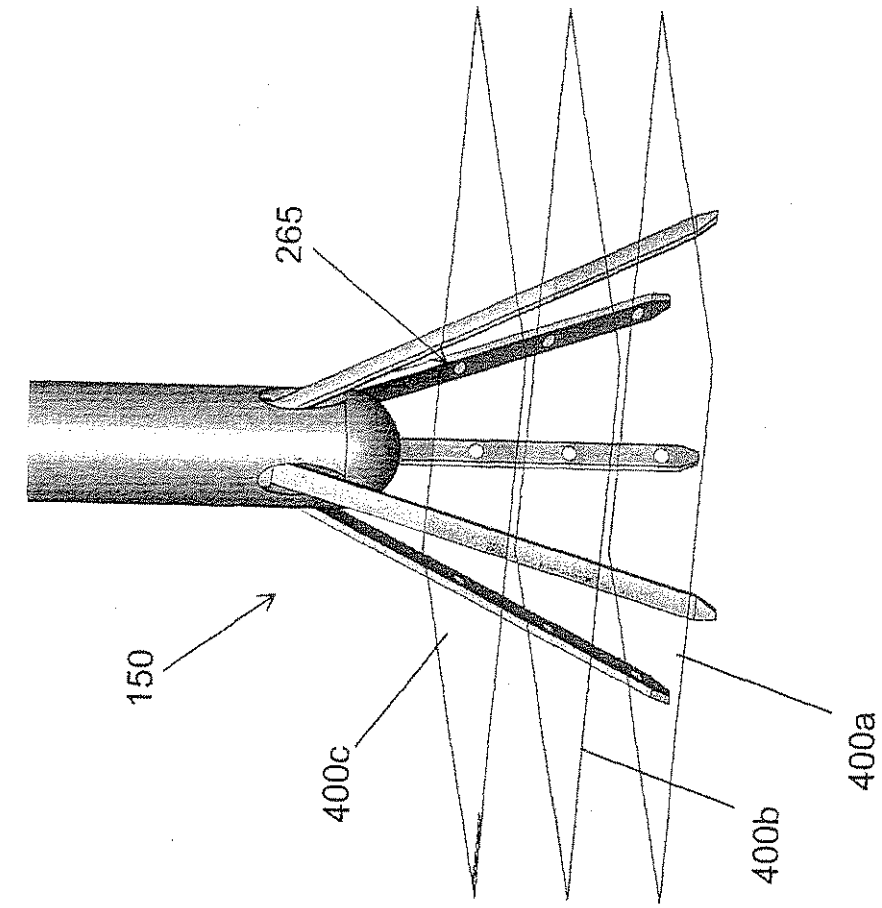


FIG. 23

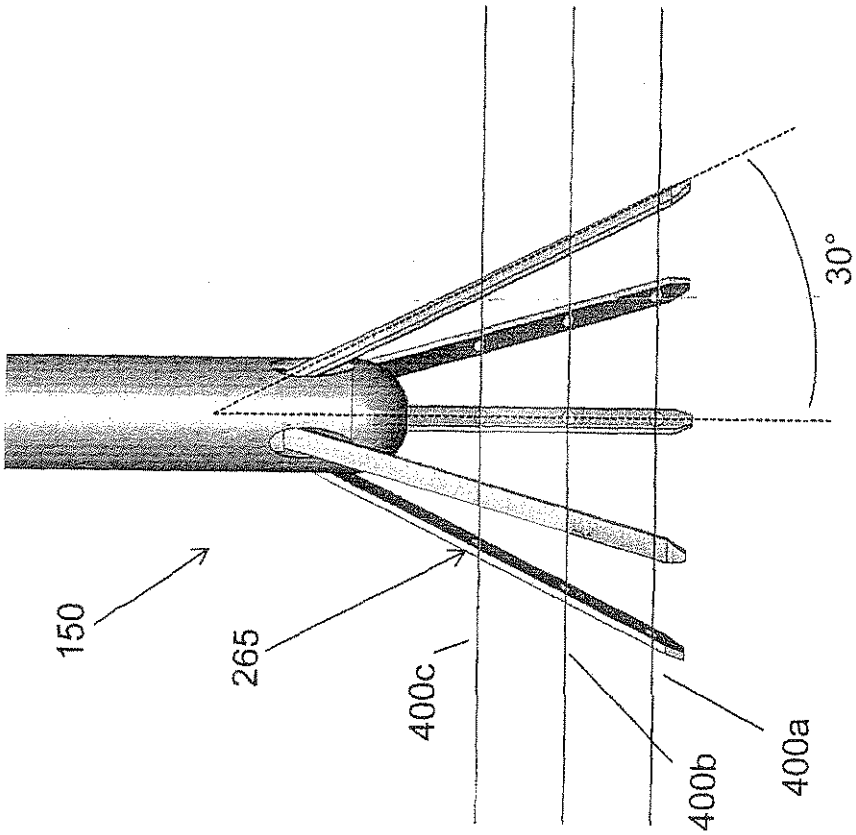


FIG. 22

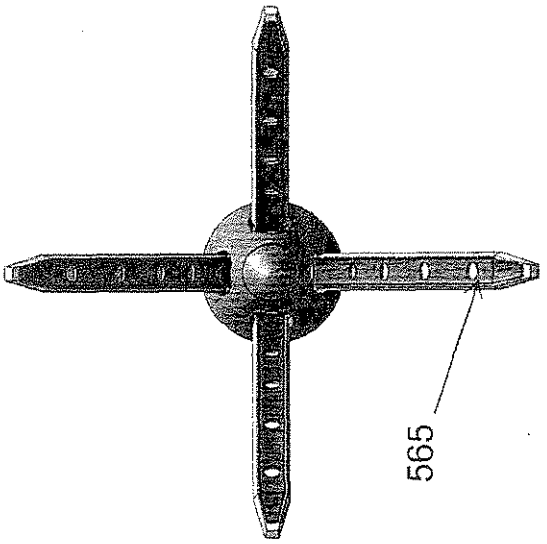


FIG. 25

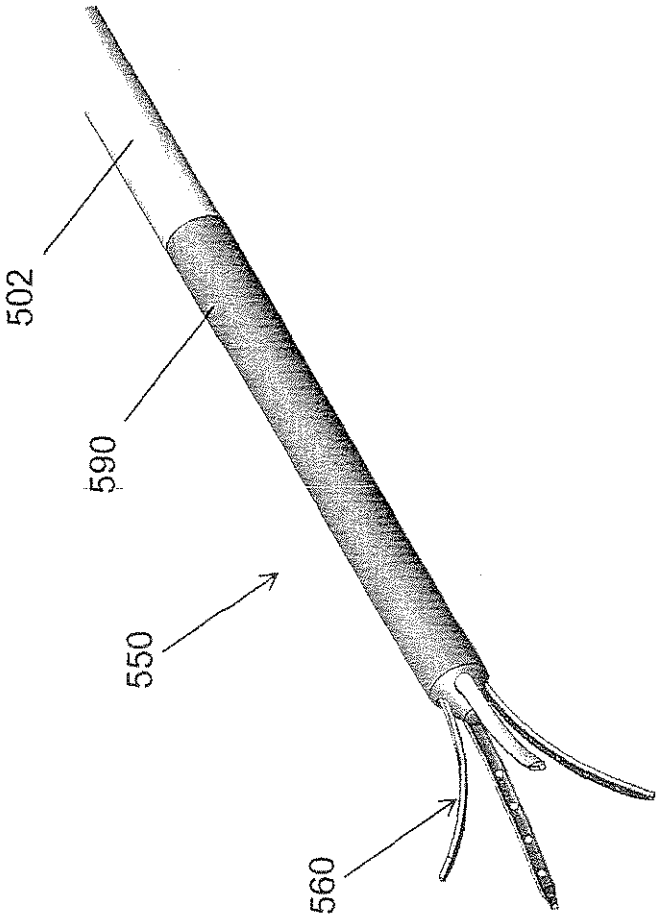


FIG. 24

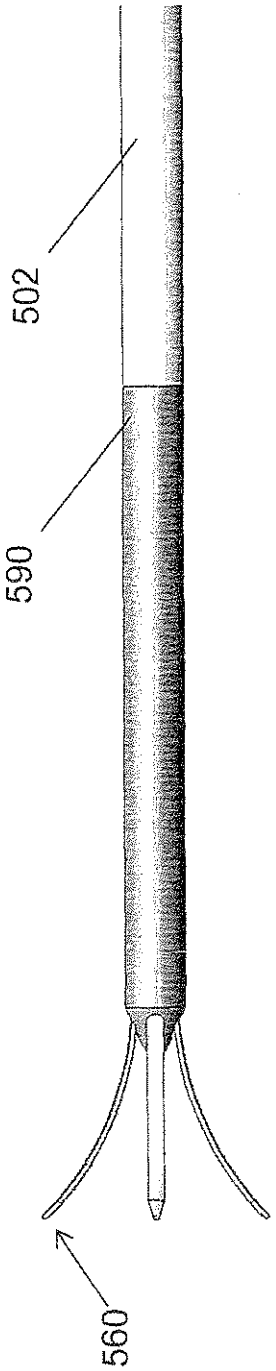


FIG. 26

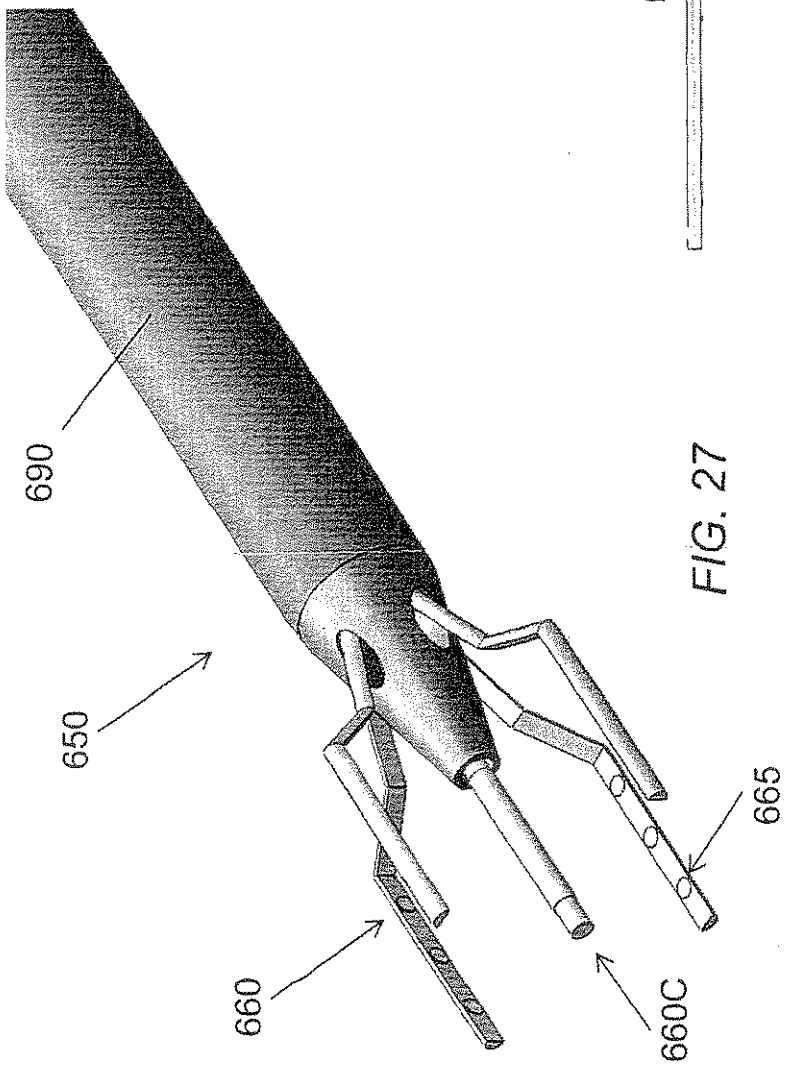


FIG. 27

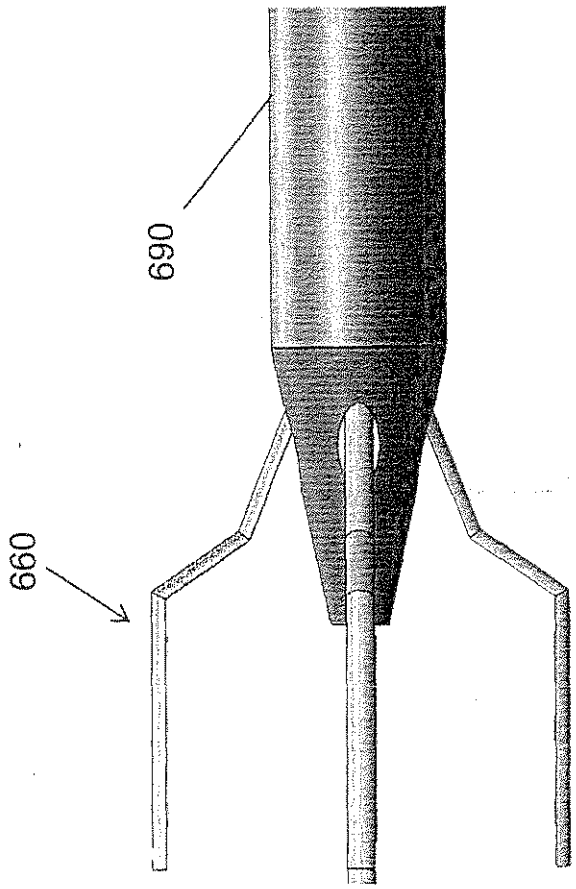


FIG. 28

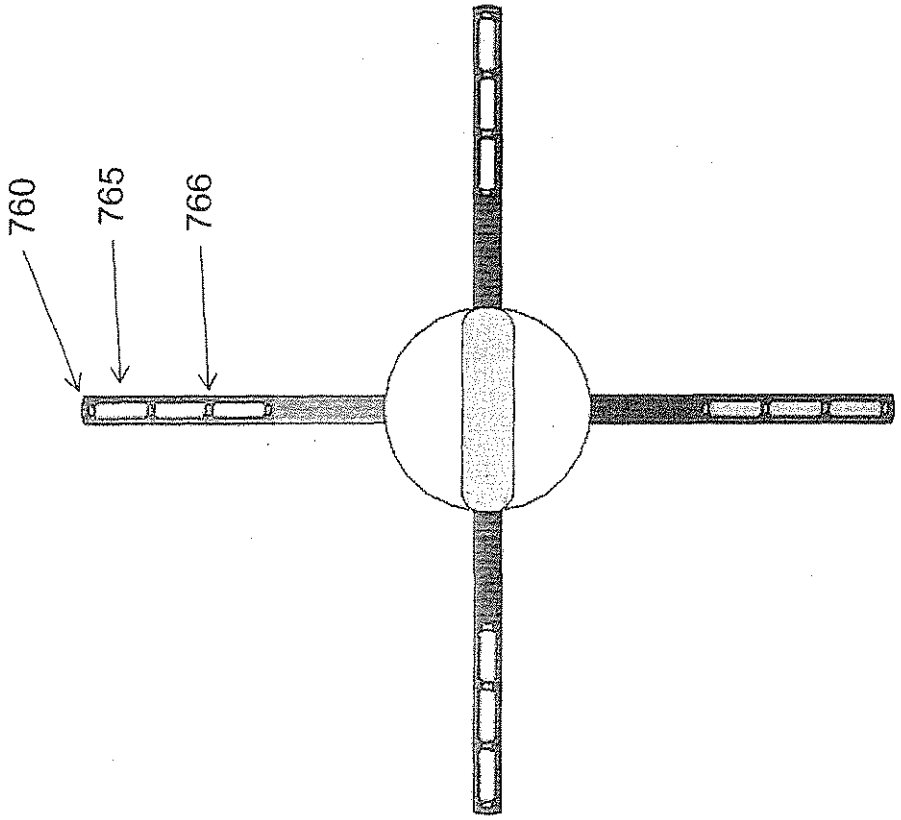


FIG. 30

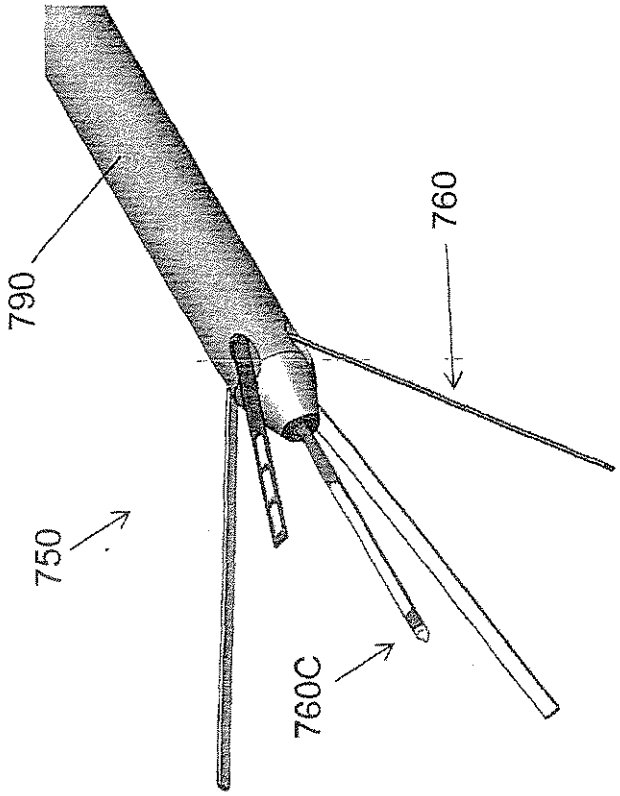


FIG. 29

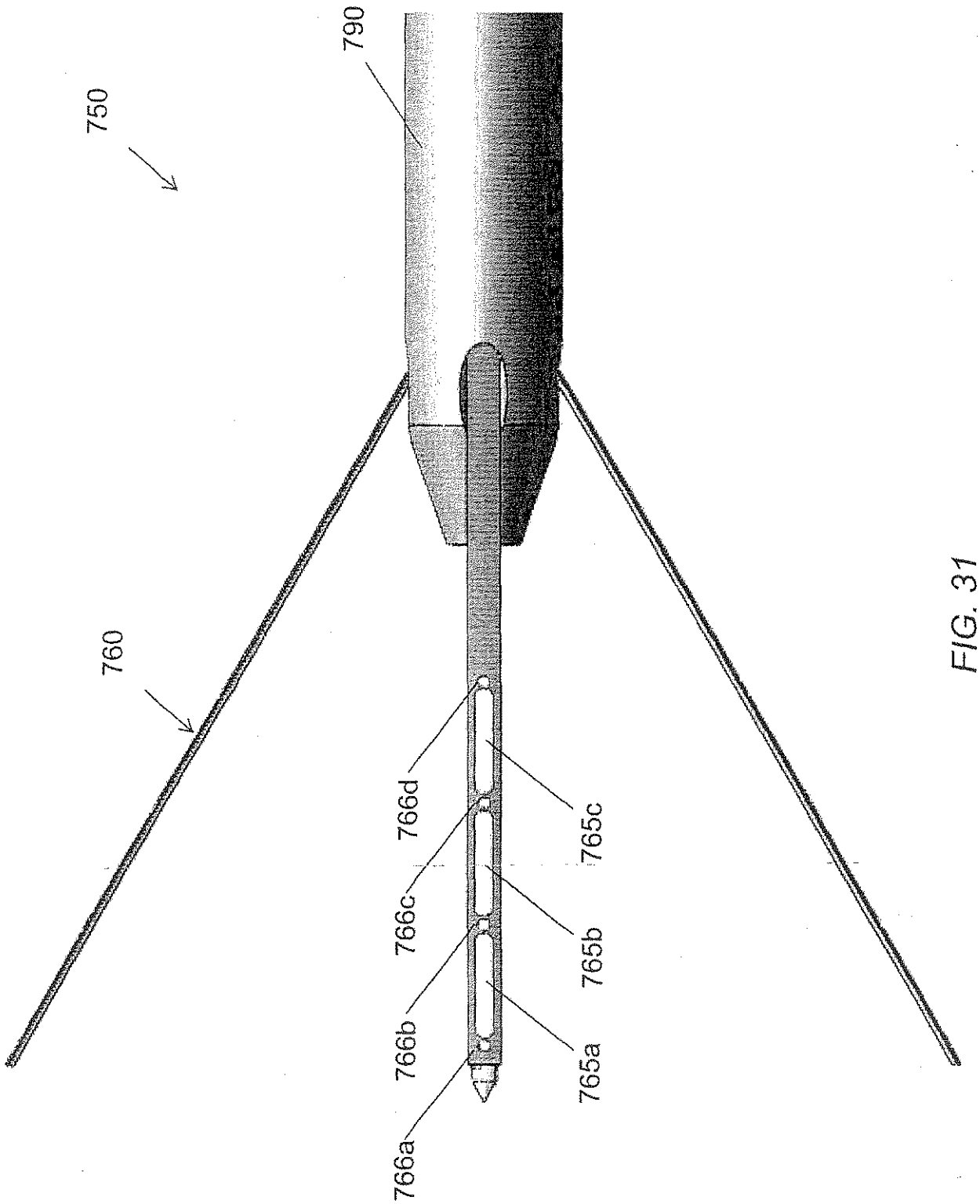


FIG. 31

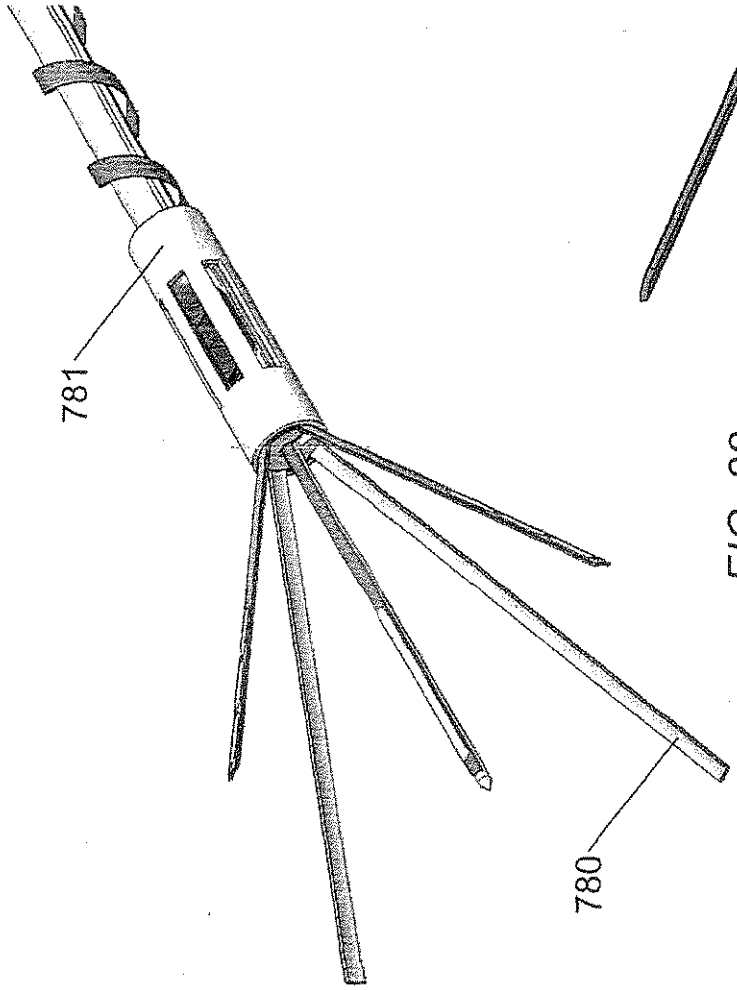


FIG. 32

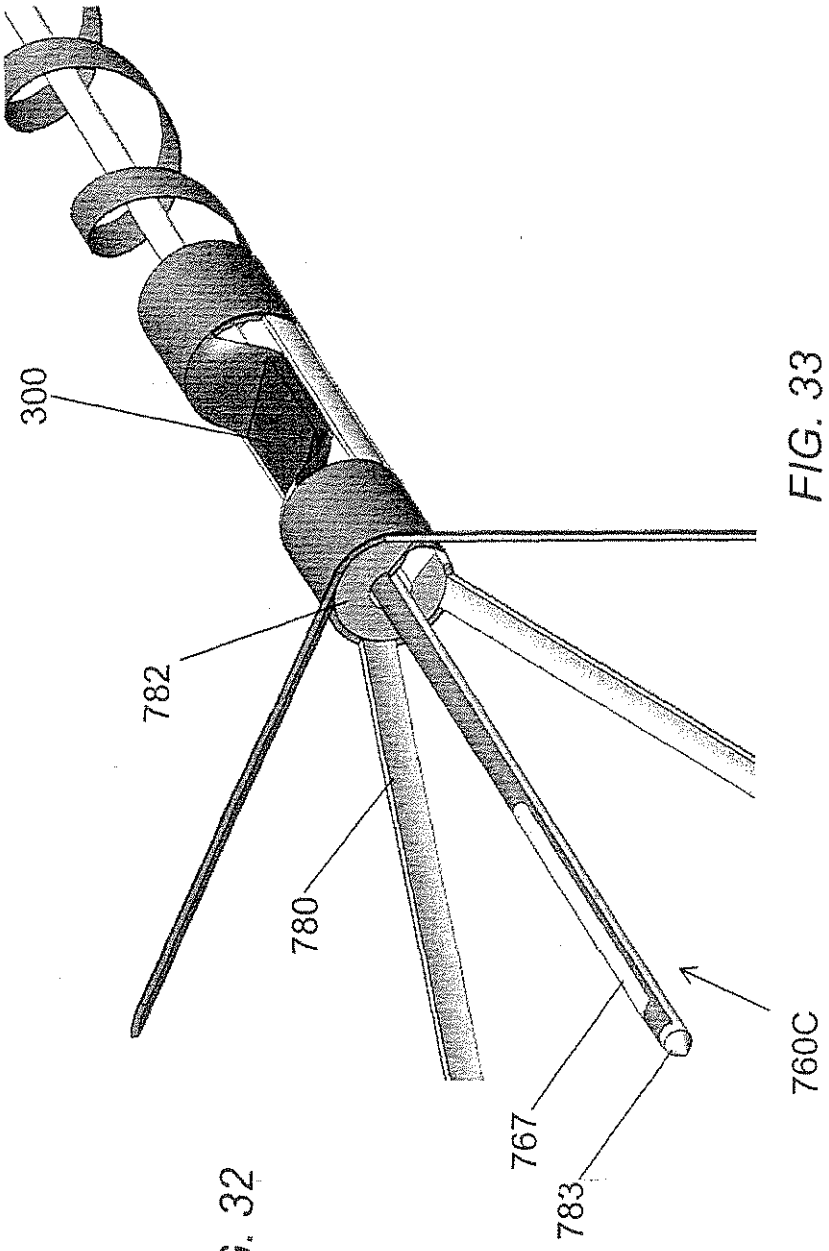


FIG. 33

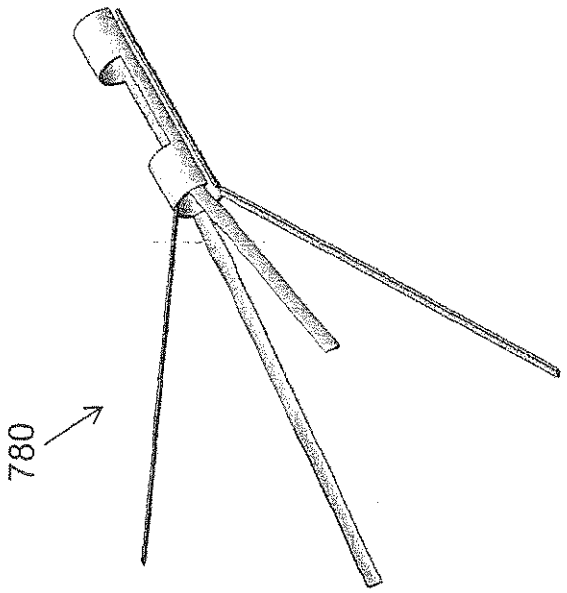


FIG. 34

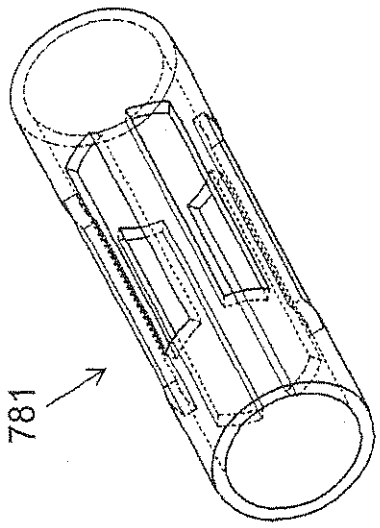


FIG. 35

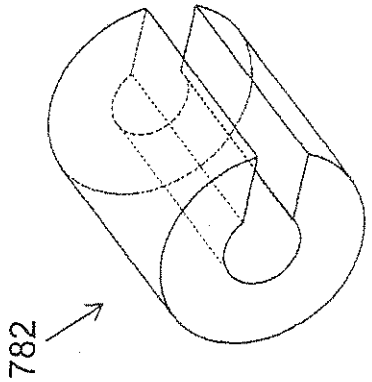


FIG. 36

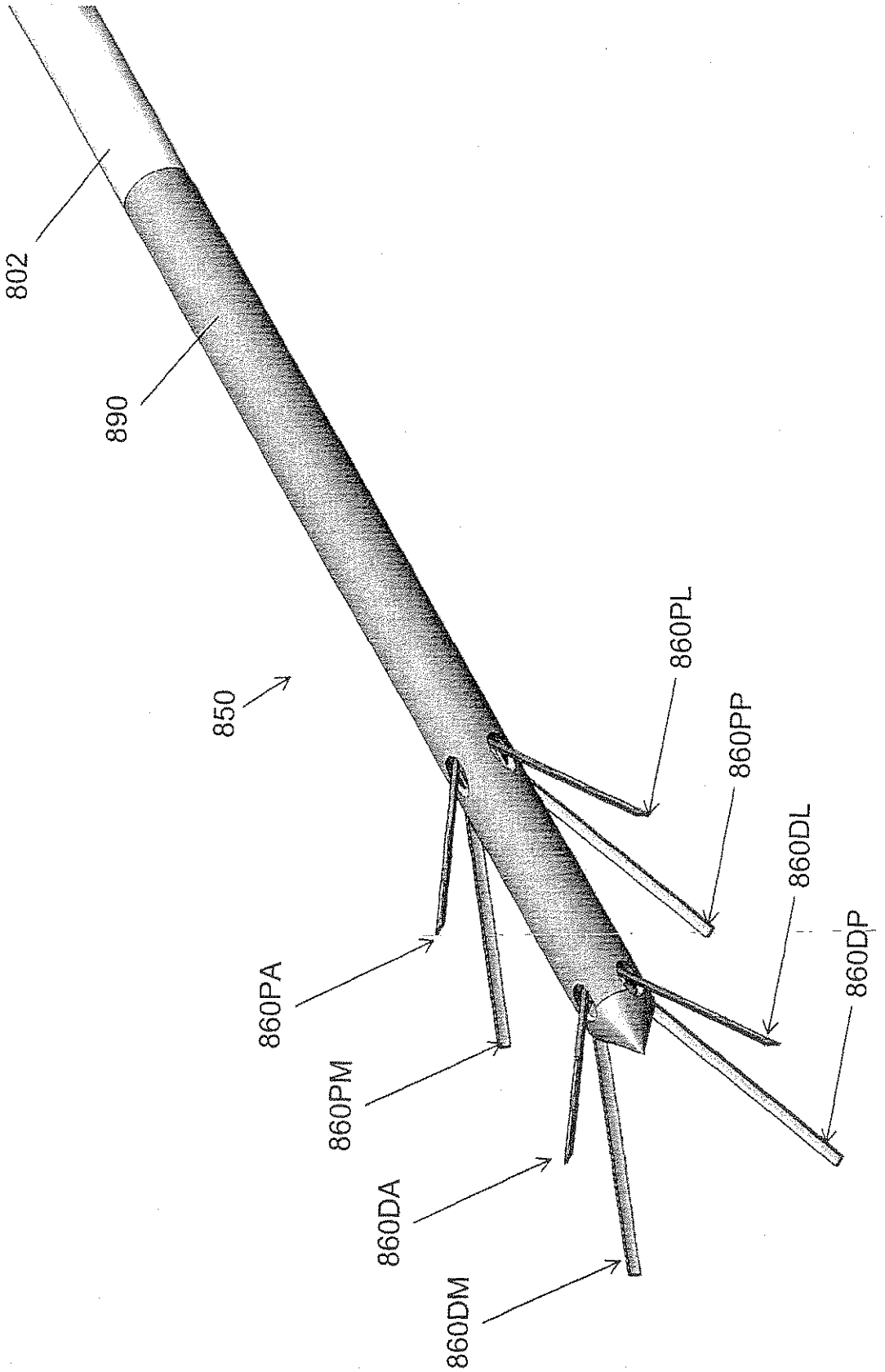


FIG. 37

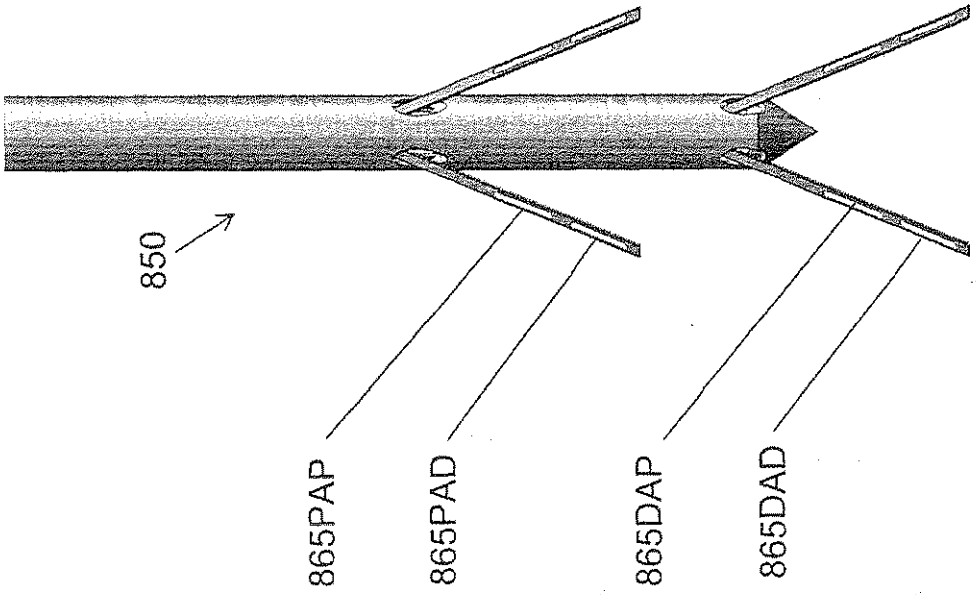


FIG. 38B

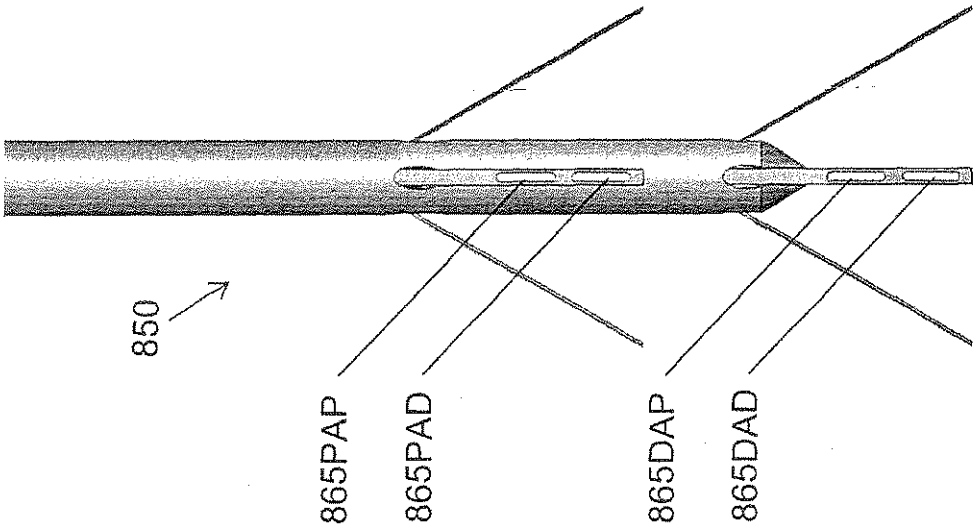


FIG. 38A

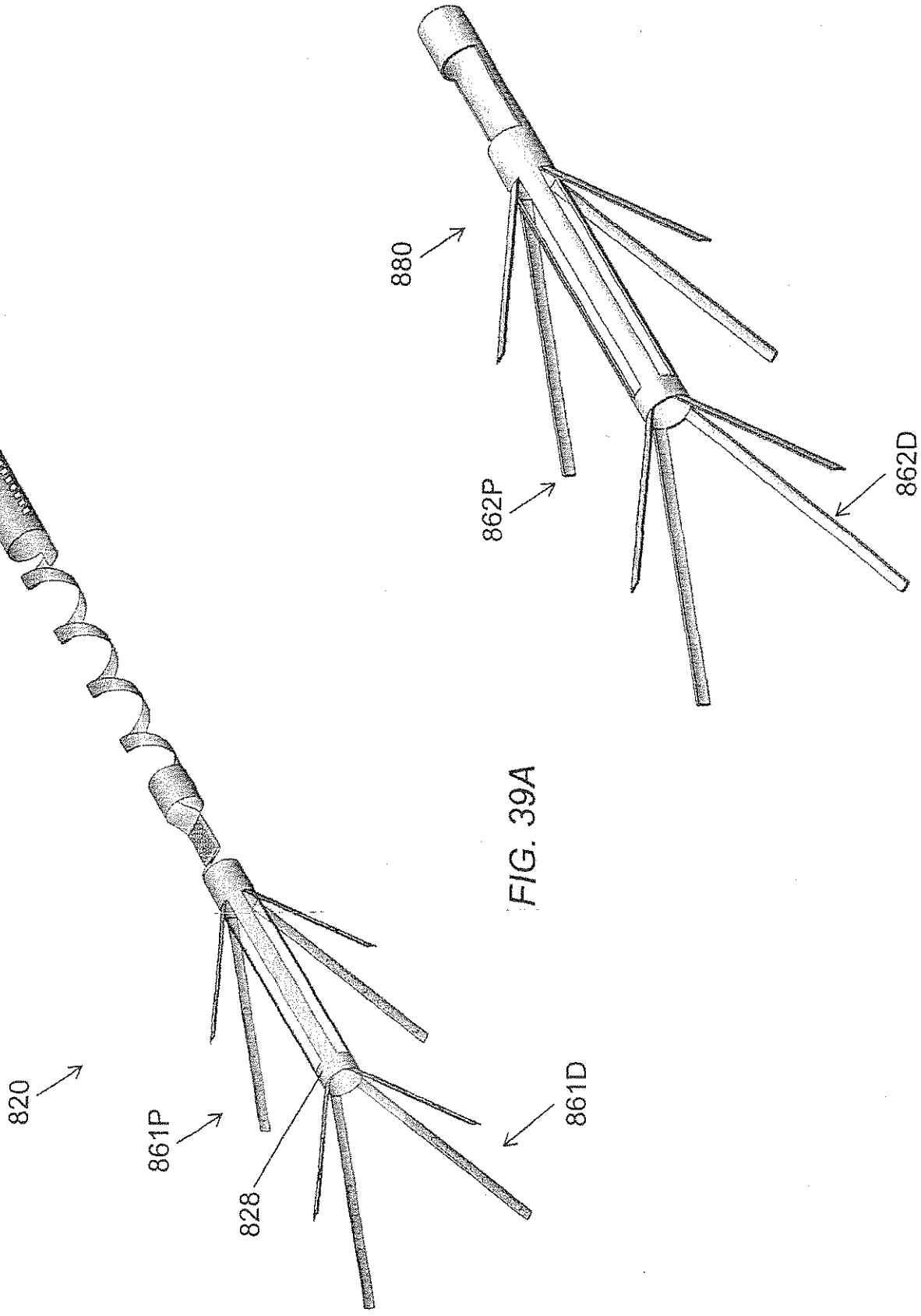


FIG. 39A

FIG. 39B

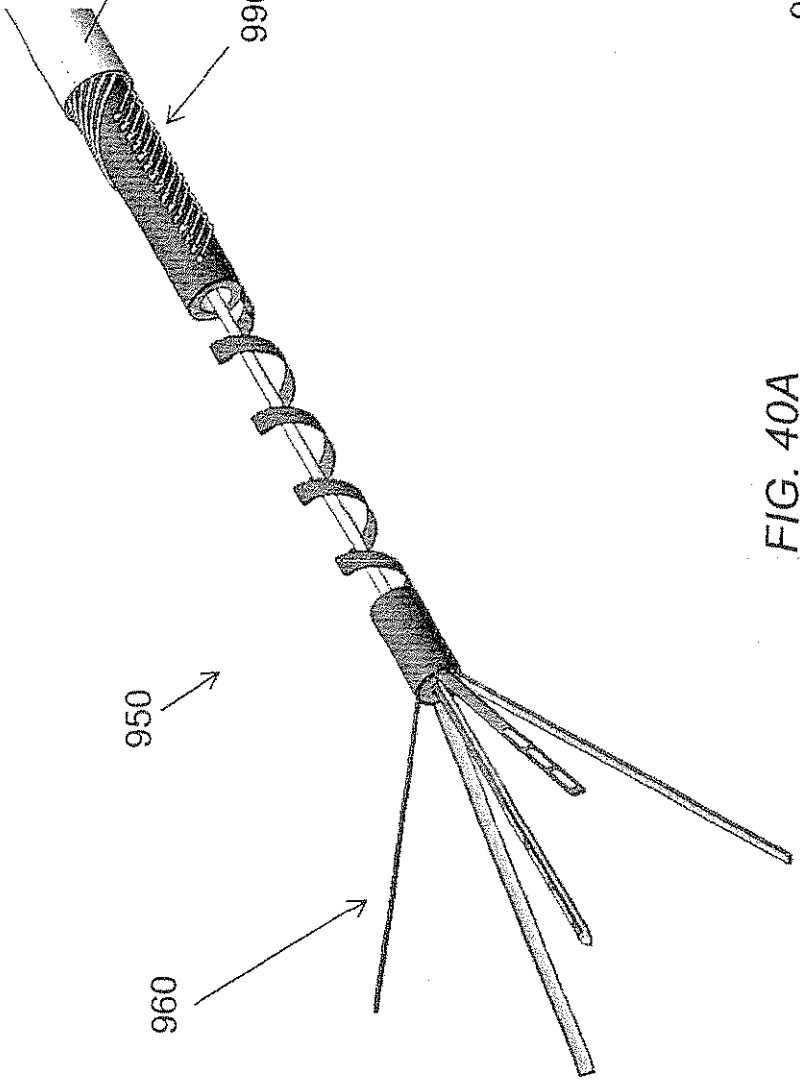


FIG. 40A

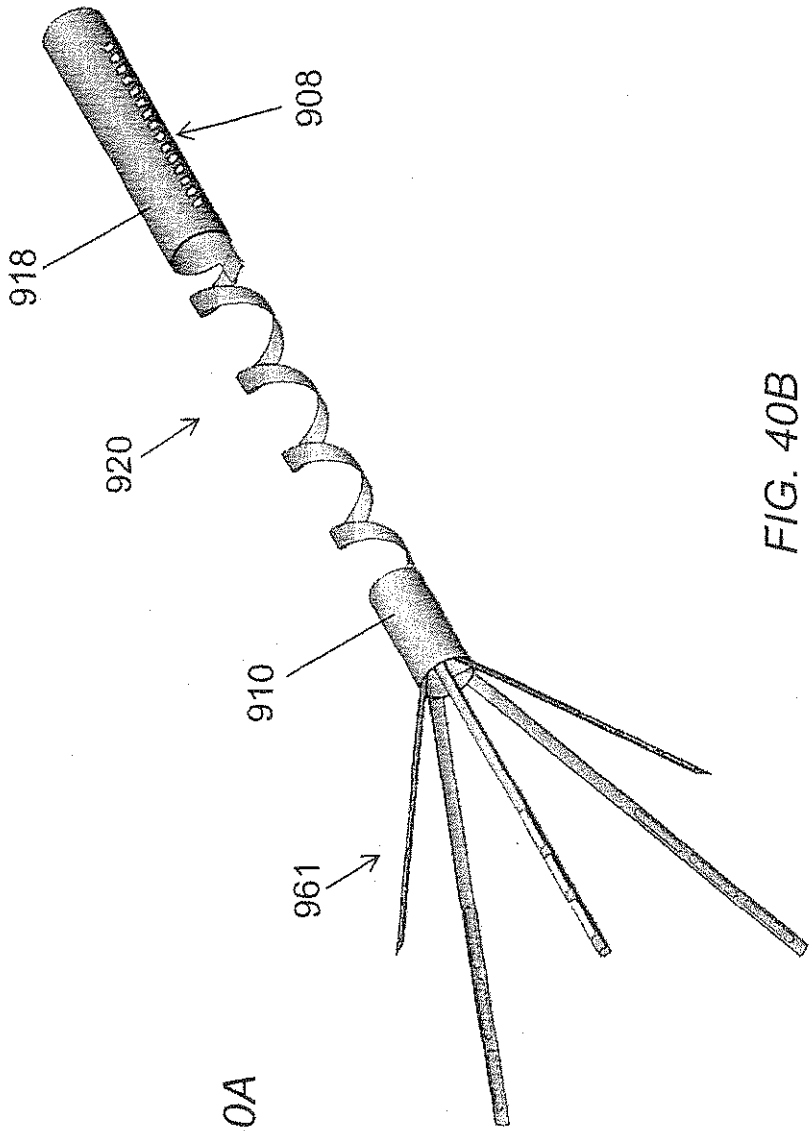


FIG. 40B

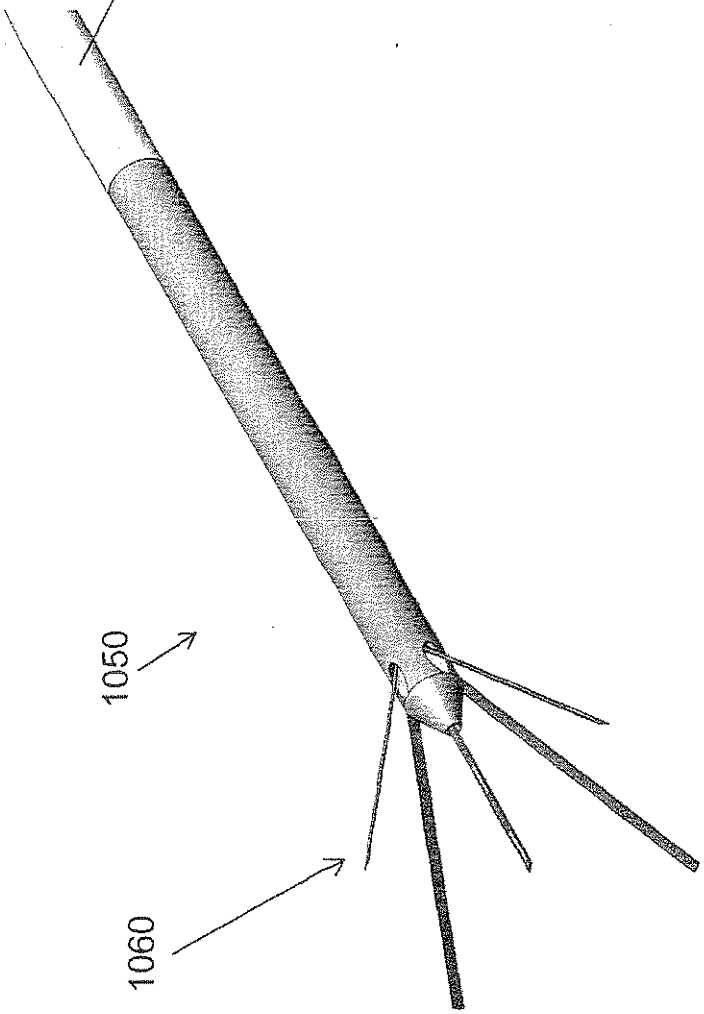


FIG. 40C

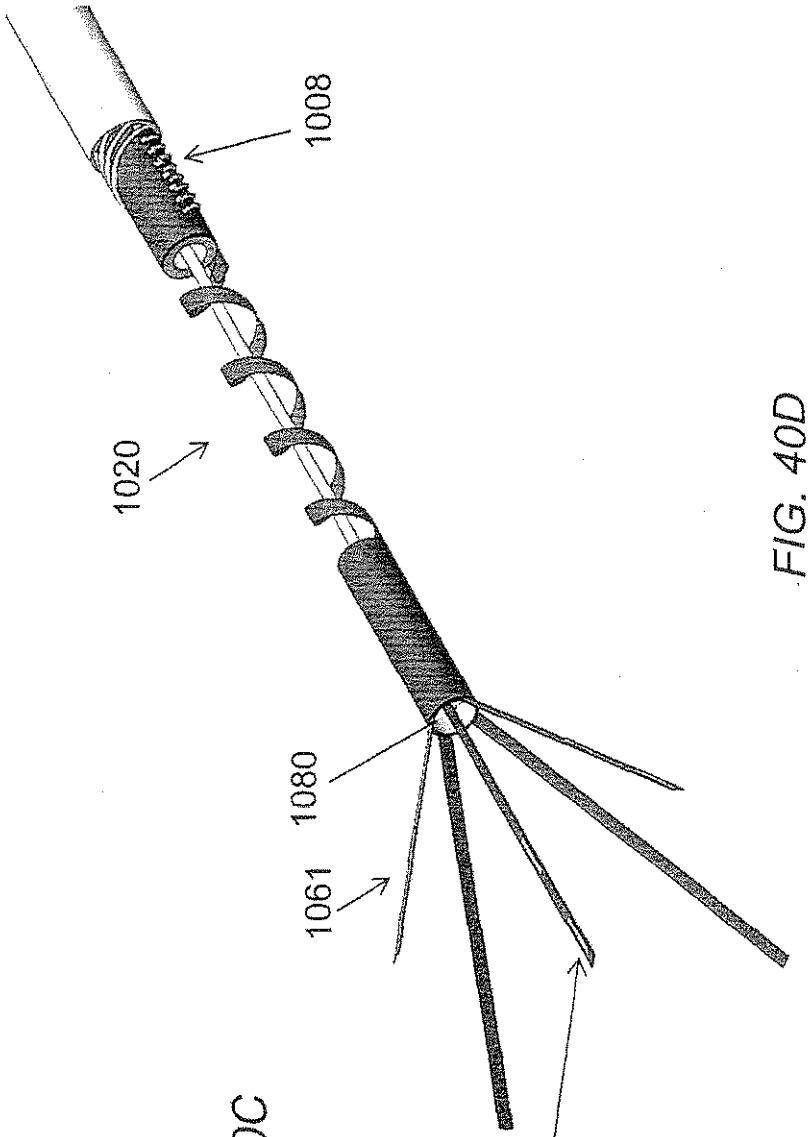


FIG. 40D

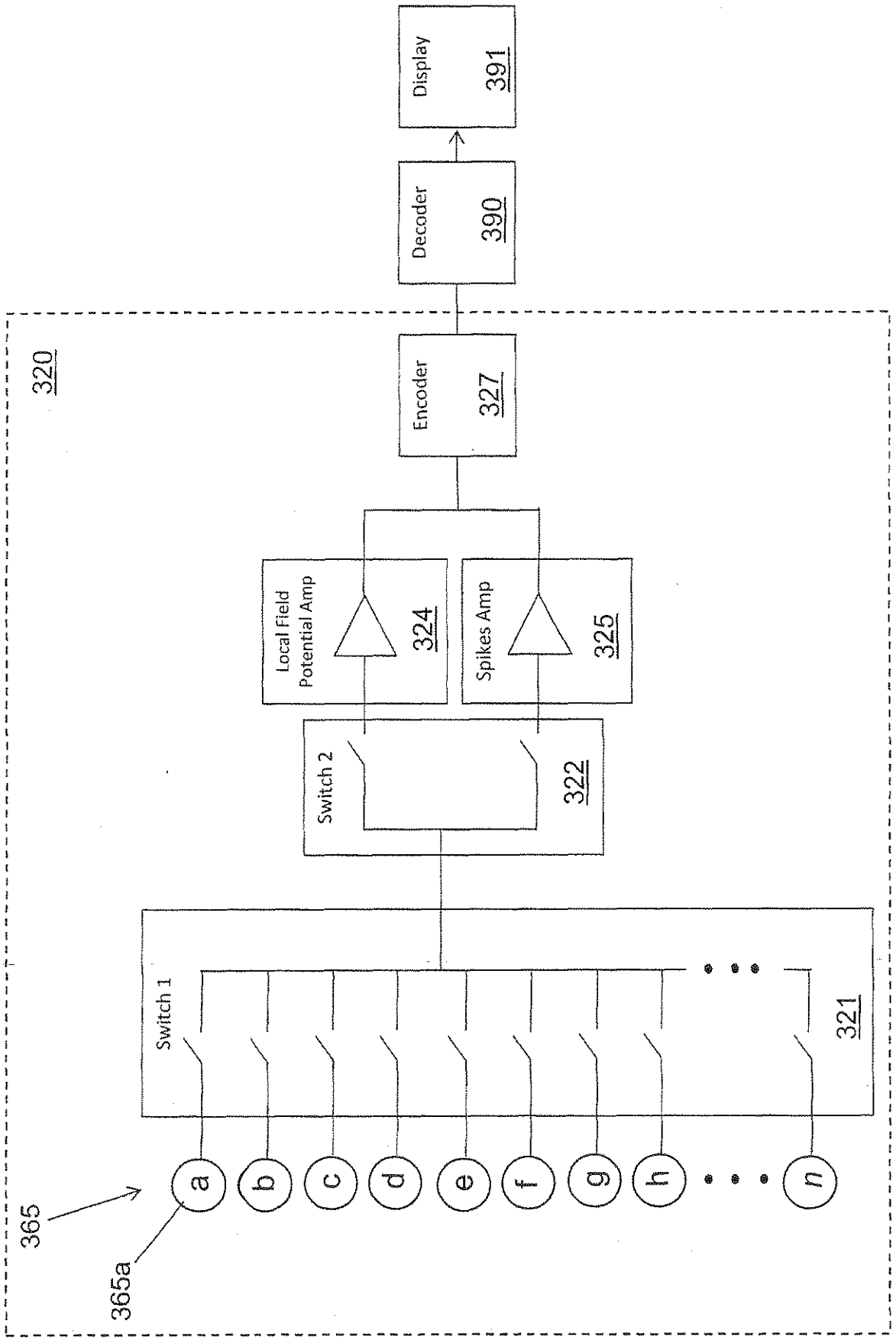

Display
391
Decoder
390
Encoder
327
320
Local Field Potential Amp
324
Spikes Amp
325
Switch 2
322
Switch 1
321
a
b
c
d
e
f
g
h
n
365
365a

FIG. 41

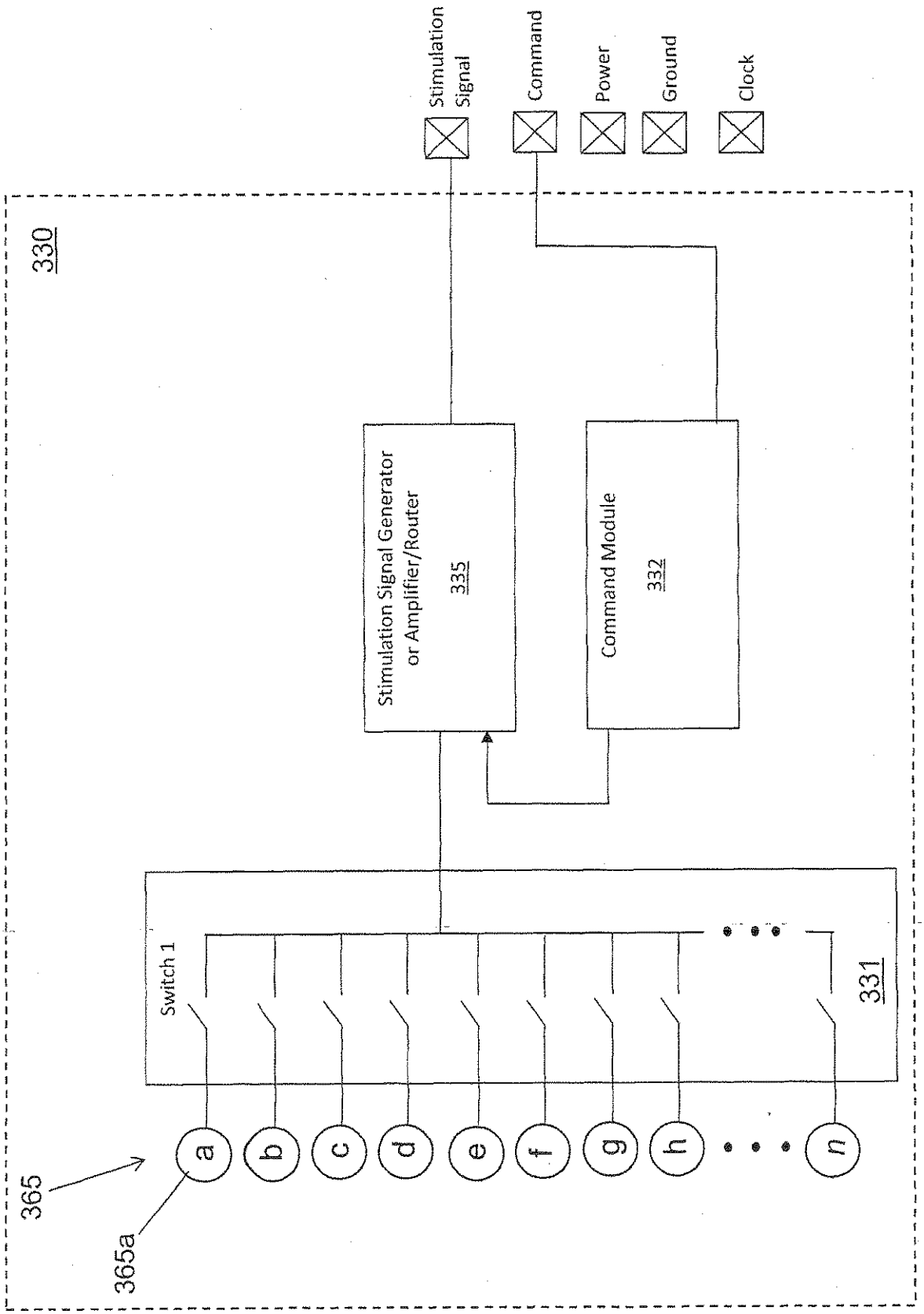

330
Stimulation Signal
Command
Power
Ground
Clock
Stimulation Signal Generator or Amplifier/Router
335
Command Module
332
Switch 1
331
365
365a
a
b
c
d
e
f
g
h
n

FIG. 42

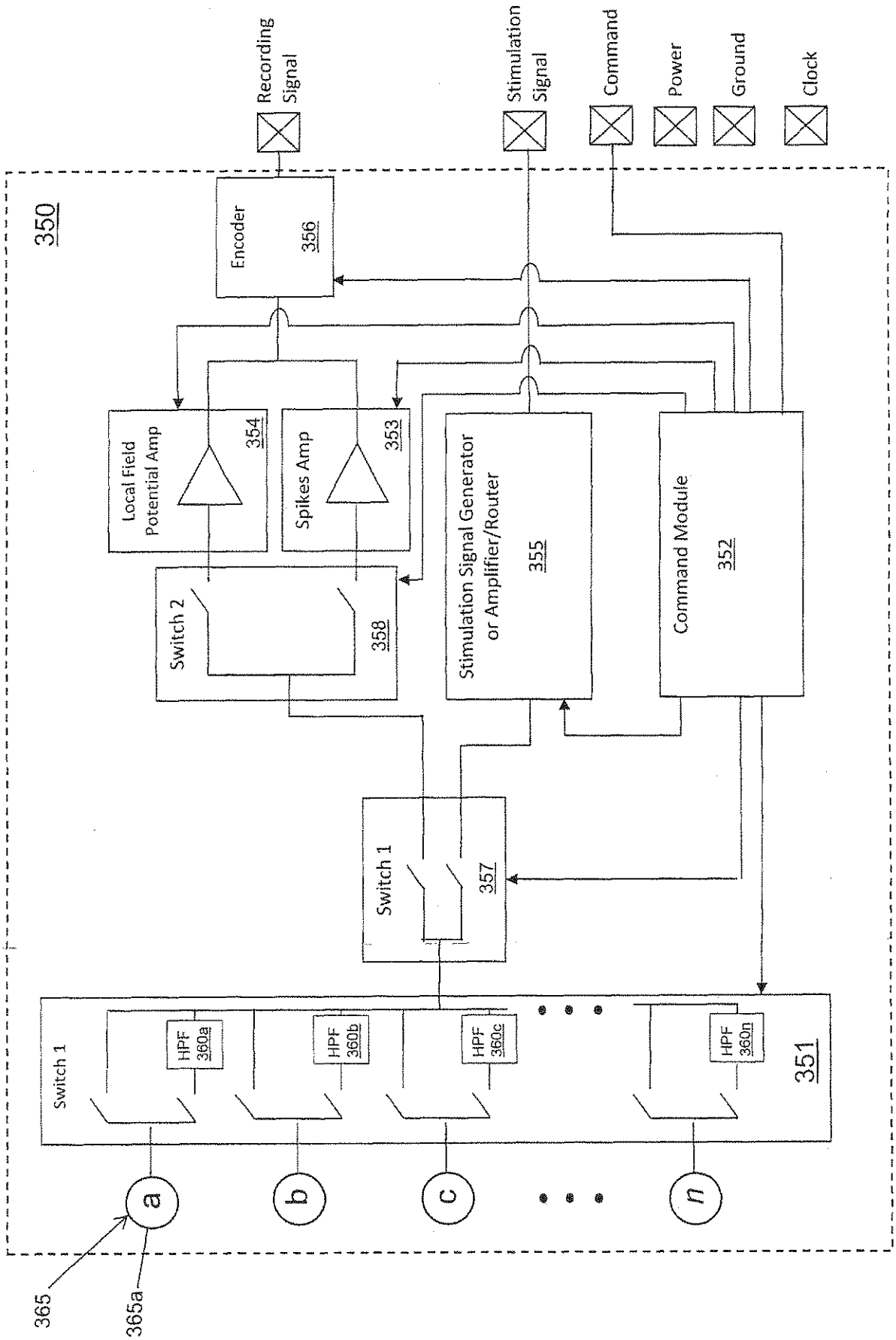

Recording Signal
Stimulation Signal
Command
Power
Ground
Clock
350
Encoder
356
Local Field Potential Amp
354
Spikes Amp
353
Switch 2
358
Stimulation Signal Generator or Amplifier/Router
355
Command Module
352
Switch 1
357
Switch 1
HPF 360a
HPF 360b
HPF 360c
HPF 360n
351
a
b
c
n
365
365a

FIG. 43

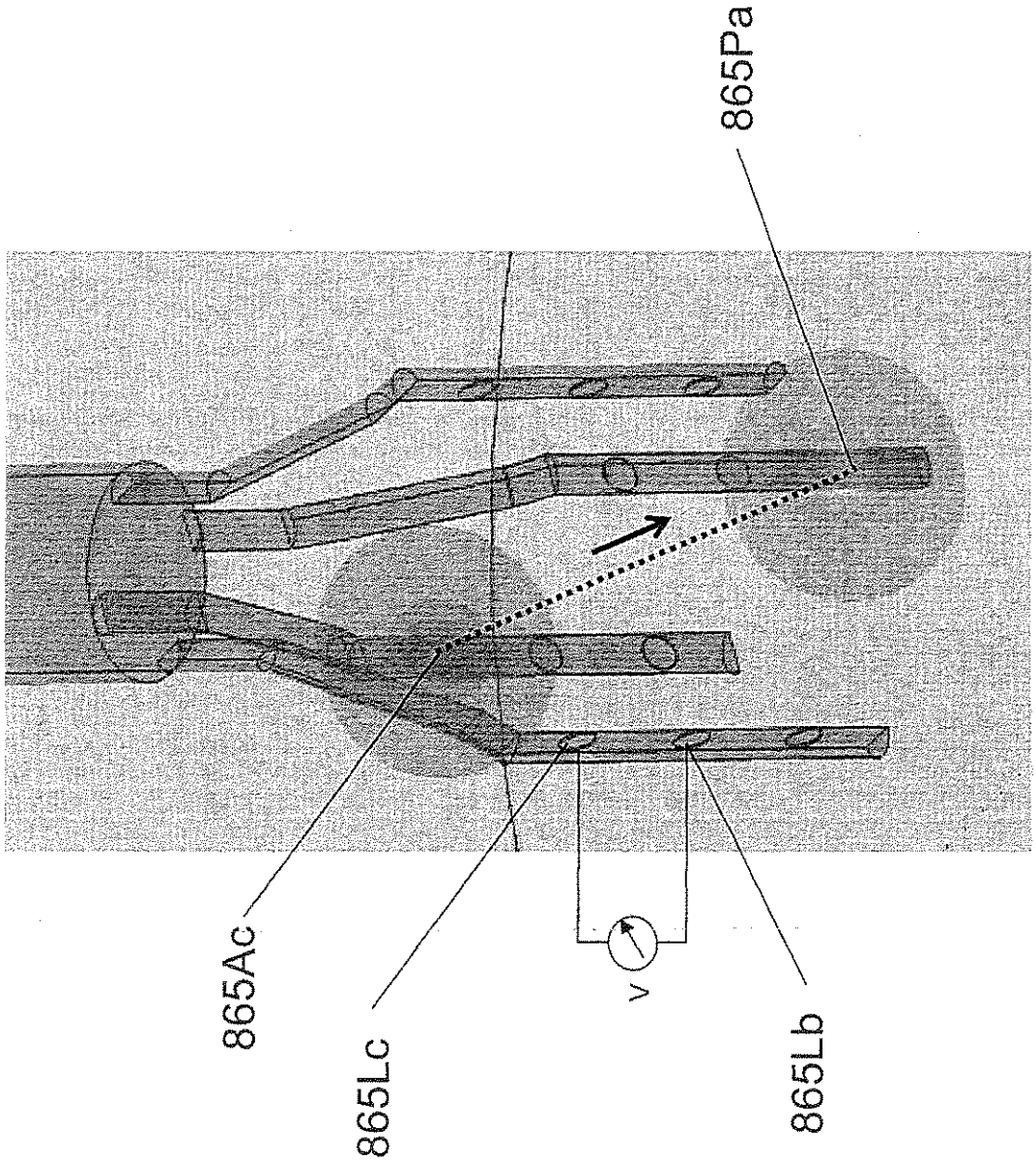


FIG. 44