FIG. 1

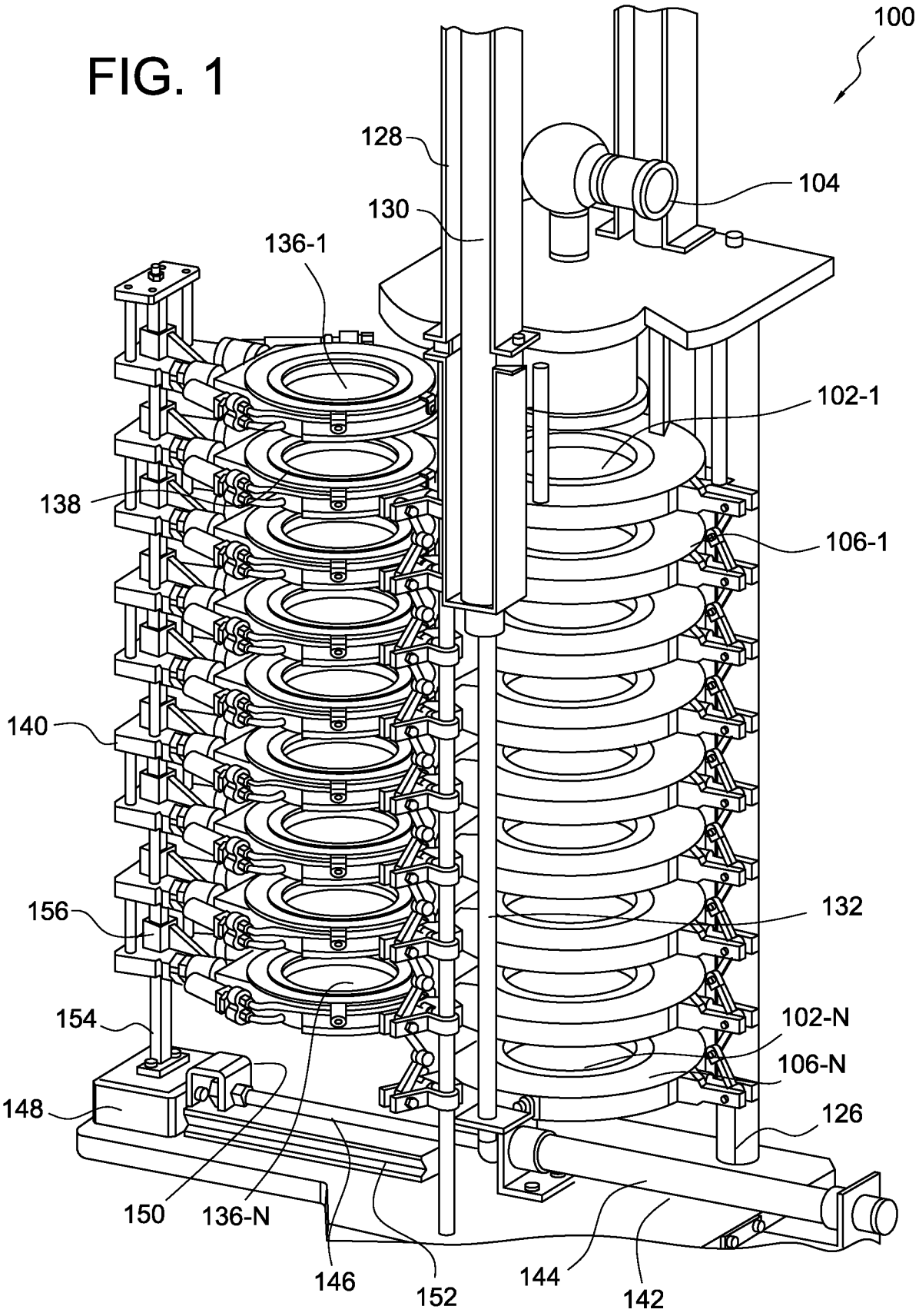

100
128
104
130
136-1
102-1
138
106-1
140
156
132
154
102-N
106-N
148
126
150
136-N
146
152
144
142

FIG. 2

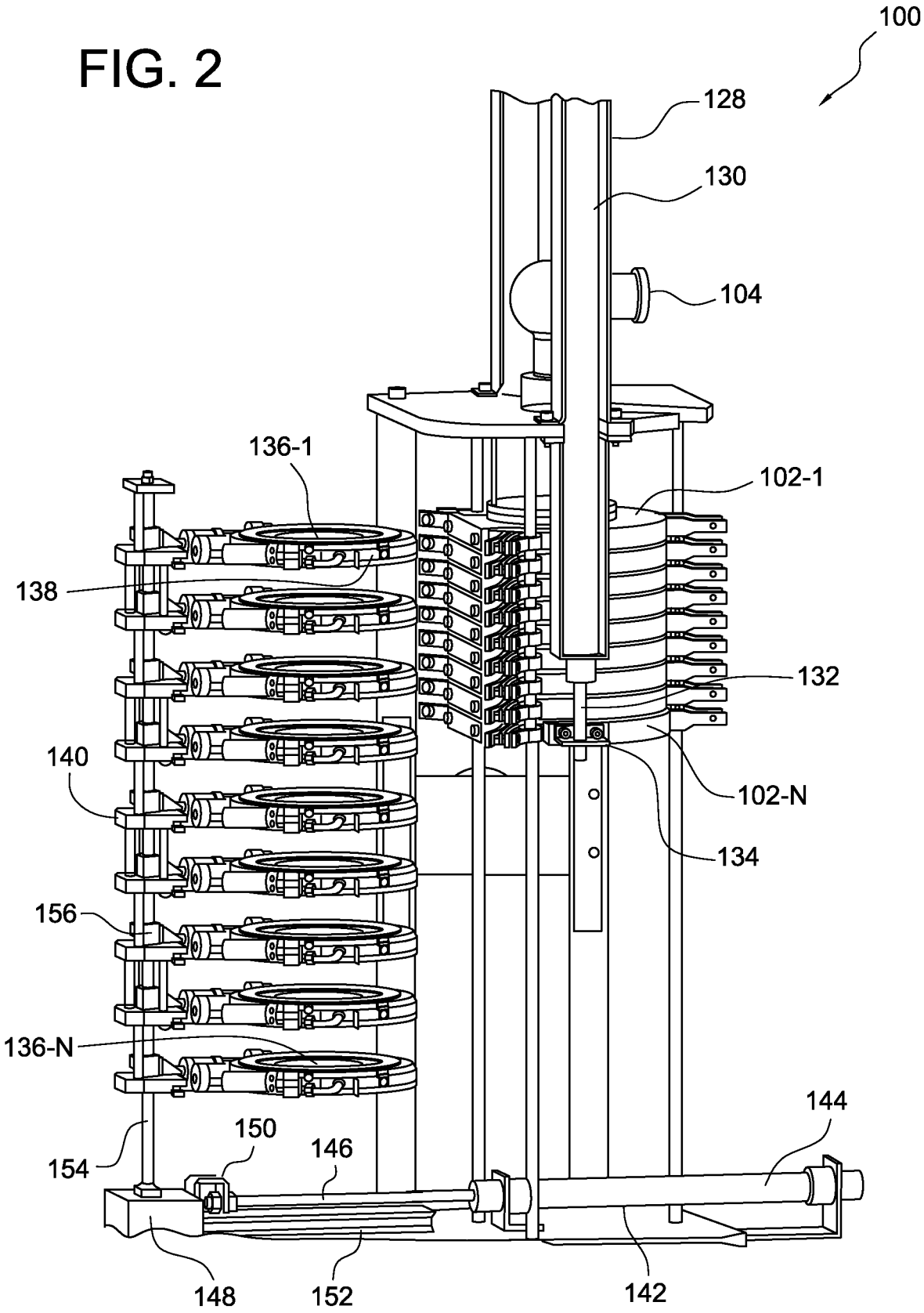

100
128
130
104
136-1
102-1
138
132
140
102-N
134
156
136-N
144
150
146
154
148
152
142

FIG. 3

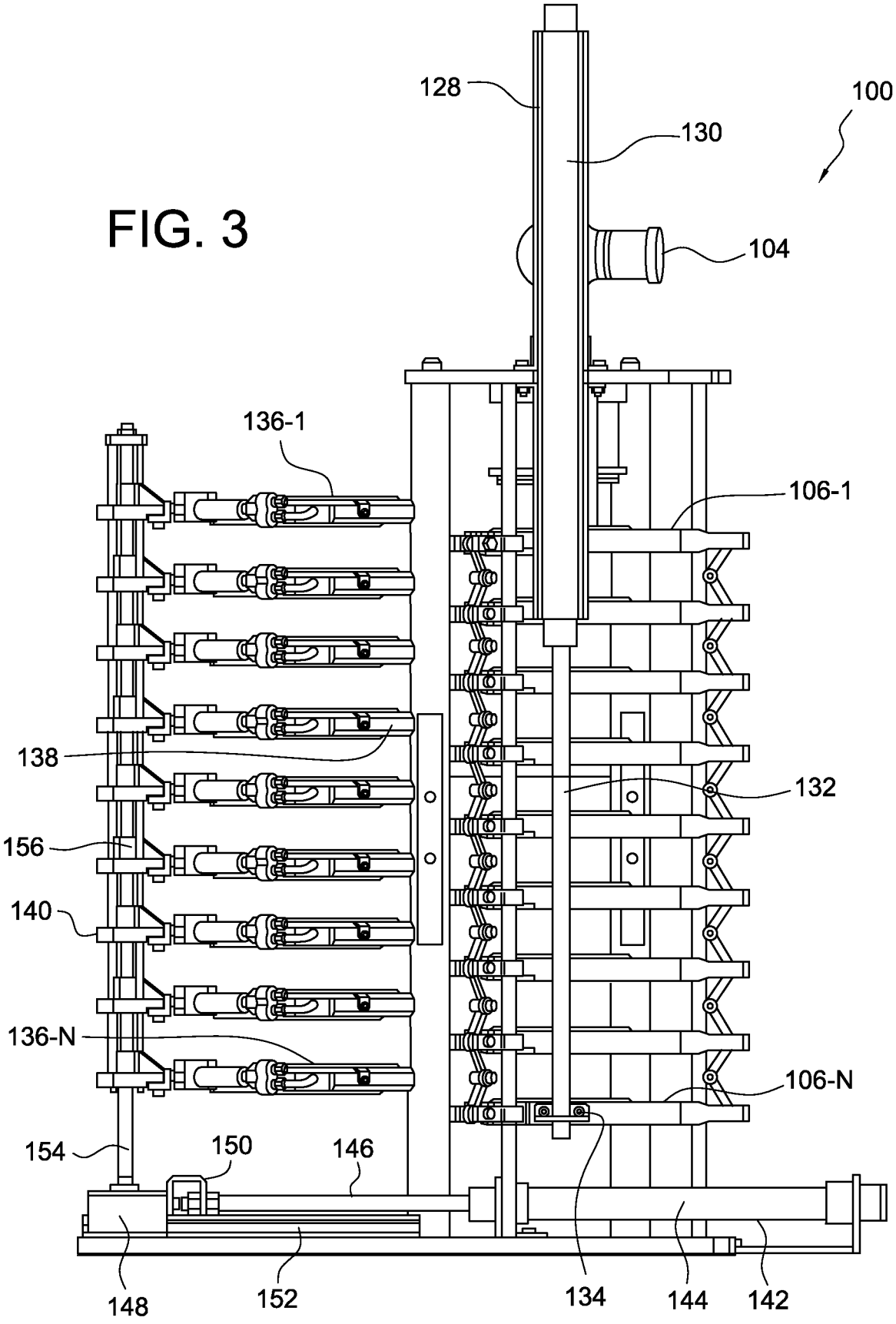

128
100
130
104
136-1
106-1
138
132
156
140
136-N
106-N
154
150
146
148
152
134
144
142

FIG. 4

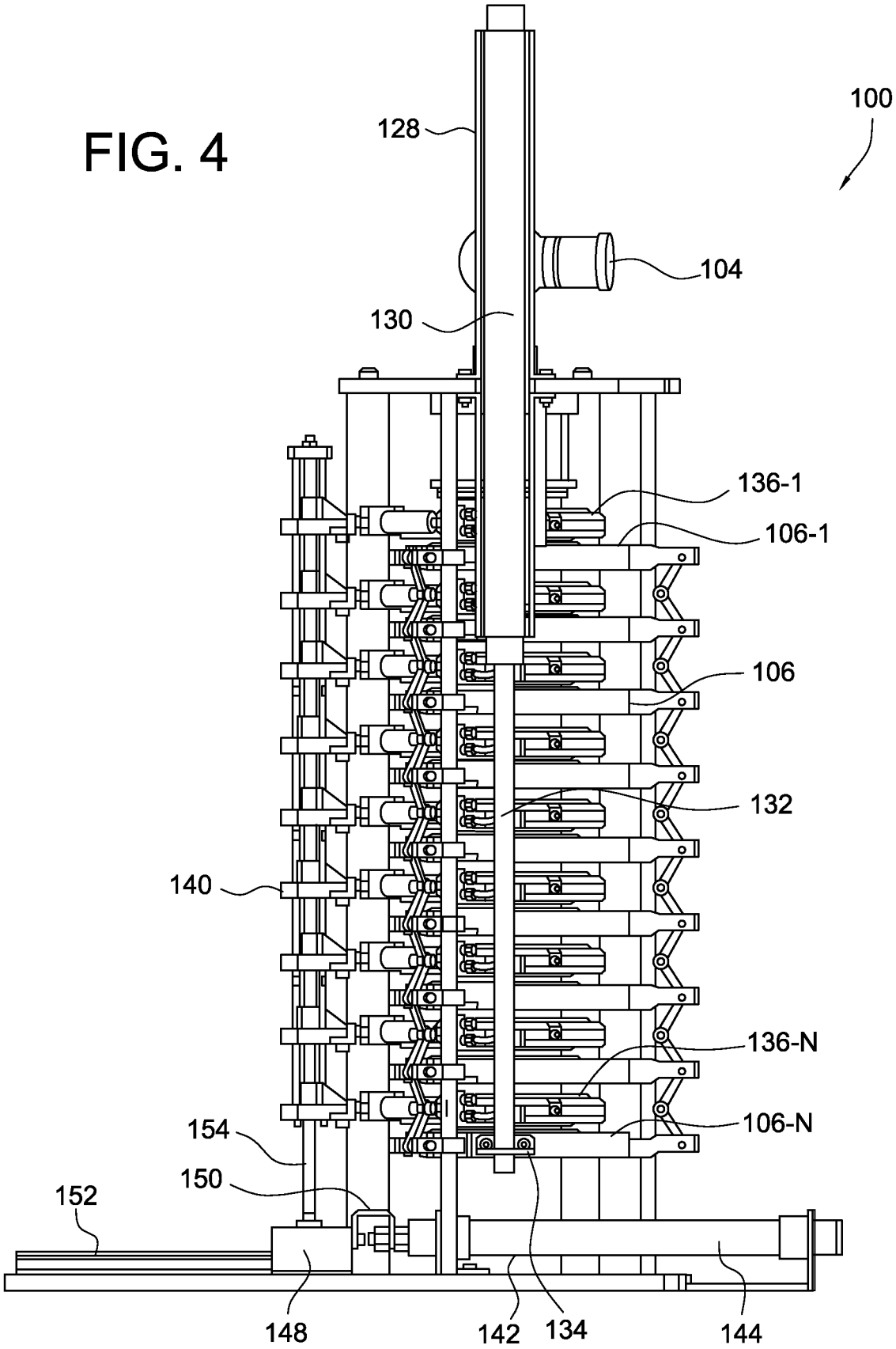
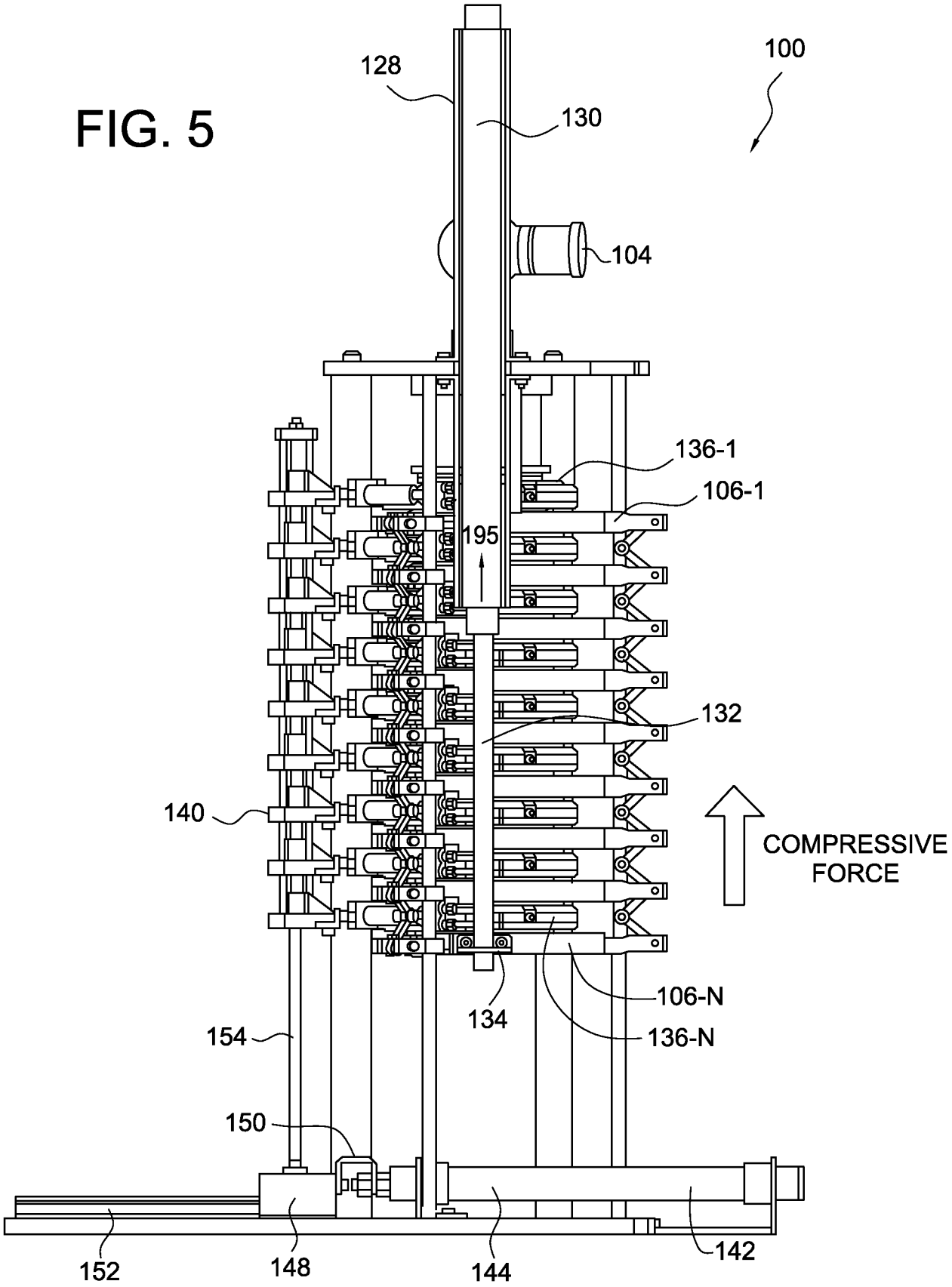

100
128
104
130
136-1
106-1
106
132
140
136-N
106-N
154
150
152
148
142
134
144

FIG. 5


100
128
130
104
136-1
106-1
195
132
140
COMPRESSIVE FORCE
106-N
134
136-N
154
150
152
148
144
142

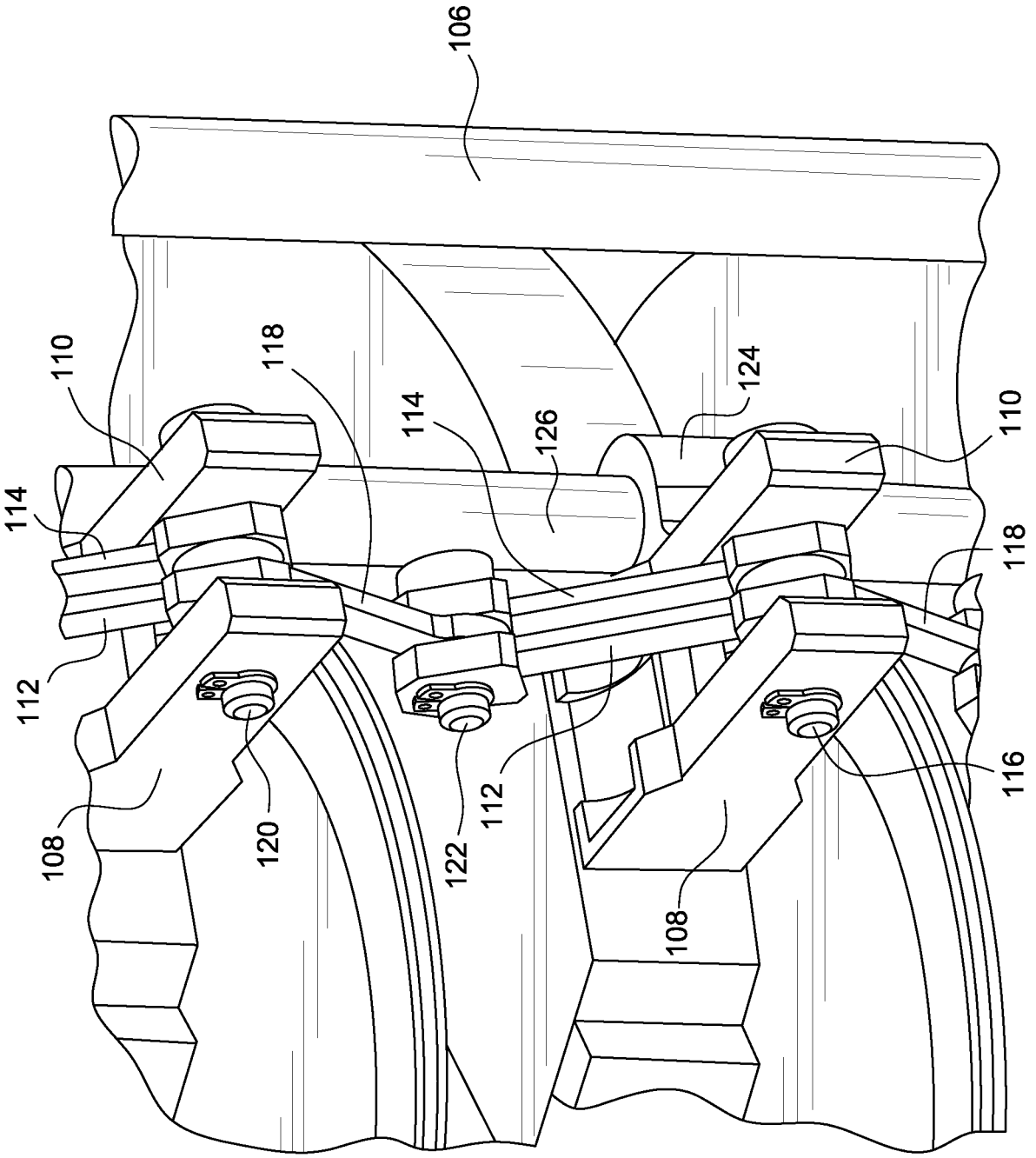


FIG. 6

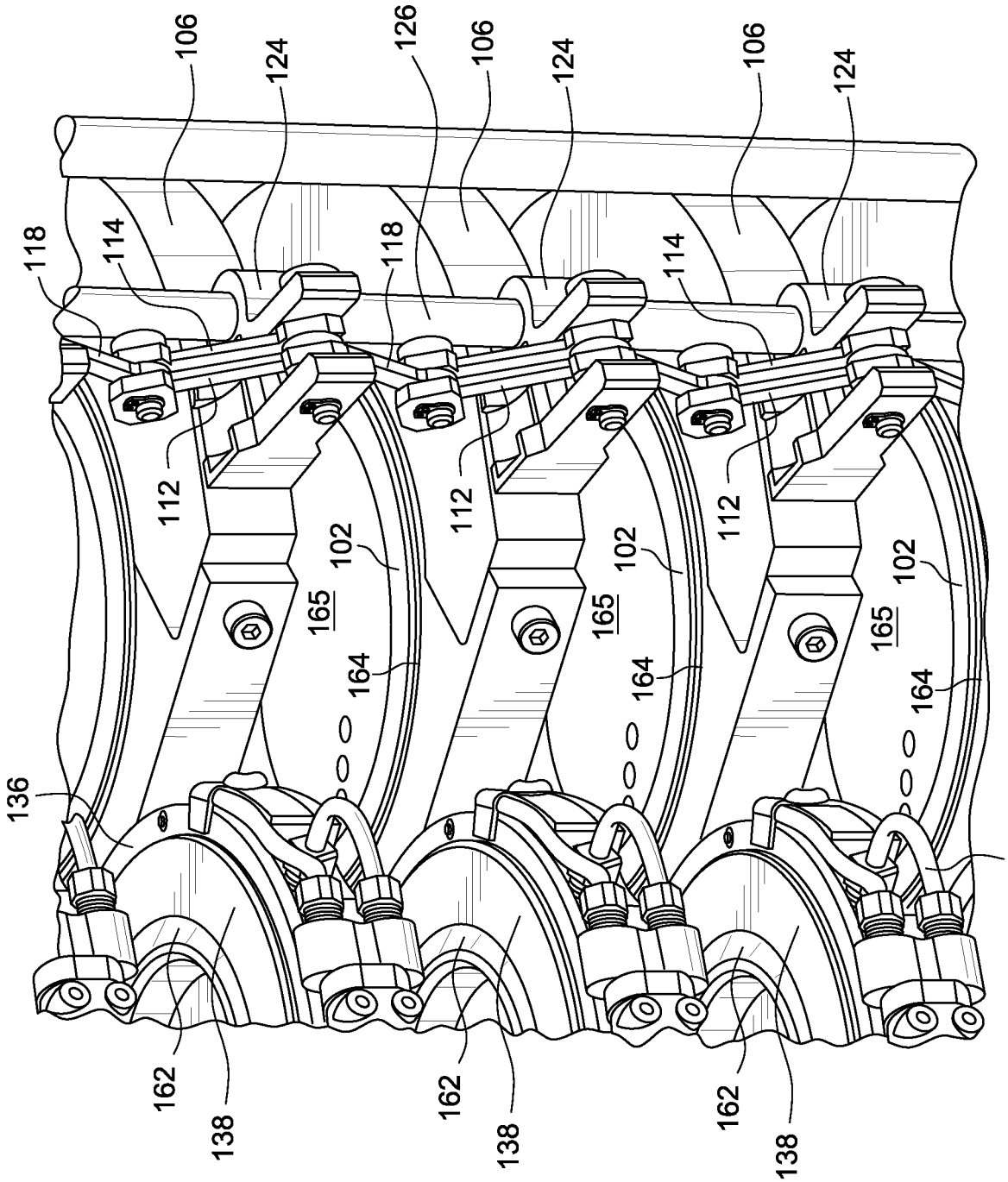

106
124
126
106
124
106
124
118
114
118
114
112
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102
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162
138

FIG. 7

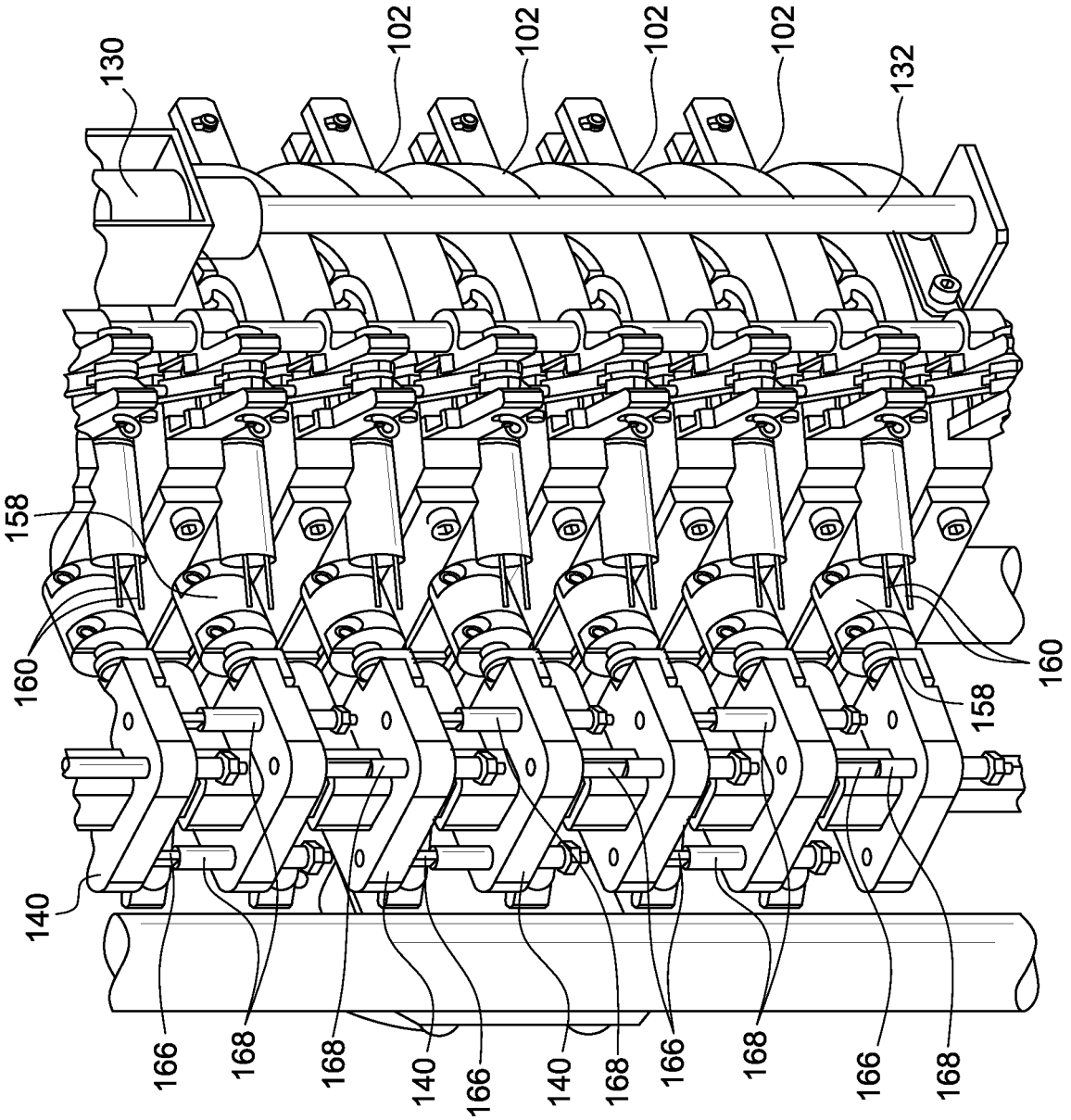

130
102
102
102
102
132
158
160
160
158
140
166
168
168
140
166
140
168
166
168
166
168

FIG. 8

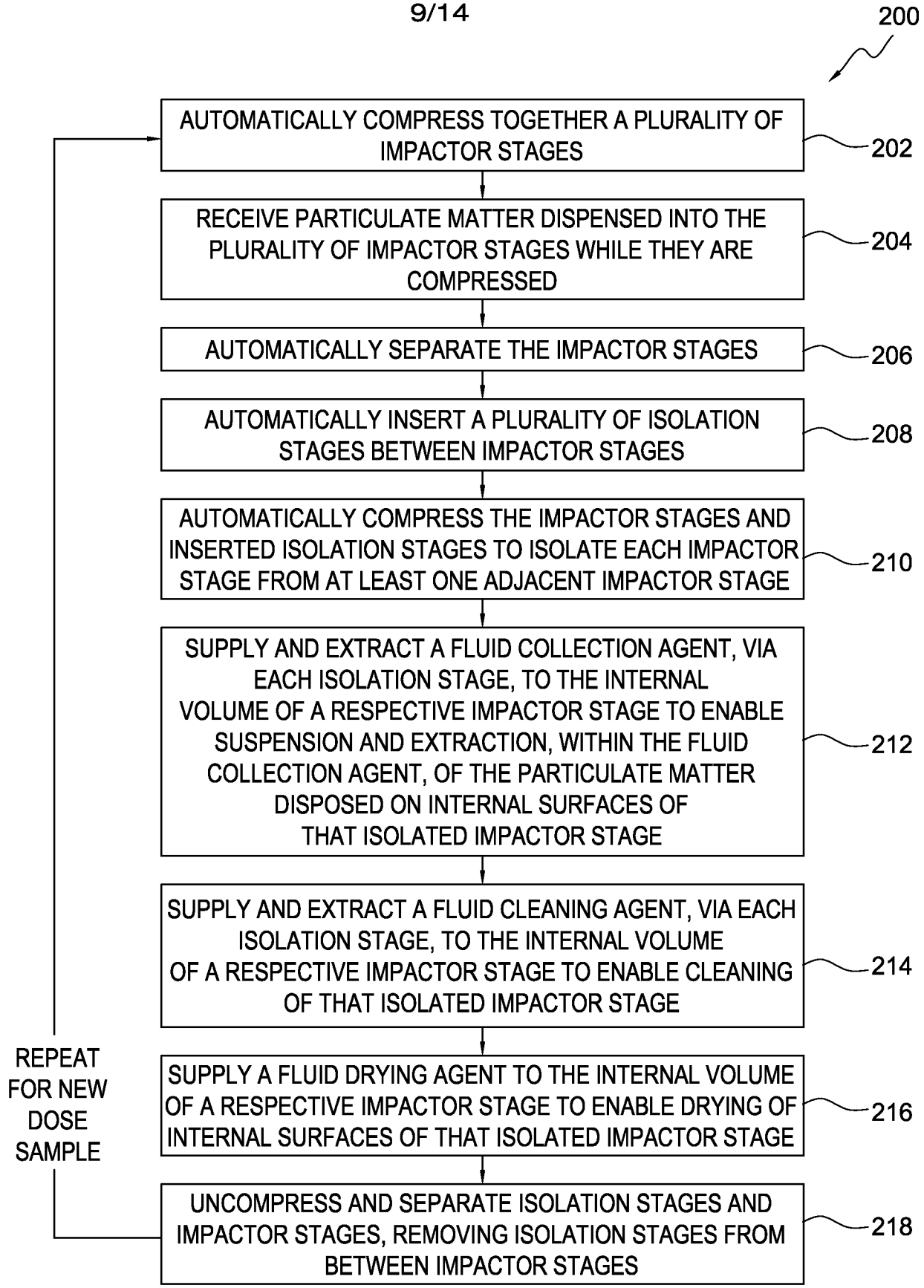

200
AUTOMATICALLY COMPRESS TOGETHER A PLURALITY OF IMPACTOR STAGES
202
RECEIVE PARTICULATE MATTER DISPENSED INTO THE PLURALITY OF IMPACTOR STAGES WHILE THEY ARE COMPRESSED
204
AUTOMATICALLY SEPARATE THE IMPACTOR STAGES
206
AUTOMATICALLY INSERT A PLURALITY OF ISOLATION STAGES BETWEEN IMPACTOR STAGES
208
AUTOMATICALLY COMPRESS THE IMPACTOR STAGES AND INSERTED ISOLATION STAGES TO ISOLATE EACH IMPACTOR STAGE FROM AT LEAST ONE ADJACENT IMPACTOR STAGE
210
SUPPLY AND EXTRACT A FLUID COLLECTION AGENT, VIA EACH ISOLATION STAGE, TO THE INTERNAL VOLUME OF A RESPECTIVE IMPACTOR STAGE TO ENABLE SUSPENSION AND EXTRACTION, WITHIN THE FLUID COLLECTION AGENT, OF THE PARTICULATE MATTER DISPOSED ON INTERNAL SURFACES OF THAT ISOLATED IMPACTOR STAGE
212
SUPPLY AND EXTRACT A FLUID CLEANING AGENT, VIA EACH ISOLATION STAGE, TO THE INTERNAL VOLUME OF A RESPECTIVE IMPACTOR STAGE TO ENABLE CLEANING OF THAT ISOLATED IMPACTOR STAGE
214
SUPPLY A FLUID DRYING AGENT TO THE INTERNAL VOLUME OF A RESPECTIVE IMPACTOR STAGE TO ENABLE DRYING OF INTERNAL SURFACES OF THAT ISOLATED IMPACTOR STAGE
216
UNCOMPRESS AND SEPARATE ISOLATION STAGES AND IMPACTOR STAGES, REMOVING ISOLATION STAGES FROM BETWEEN IMPACTOR STAGES
218
REPEAT FOR NEW DOSE SAMPLE

FIG. 9

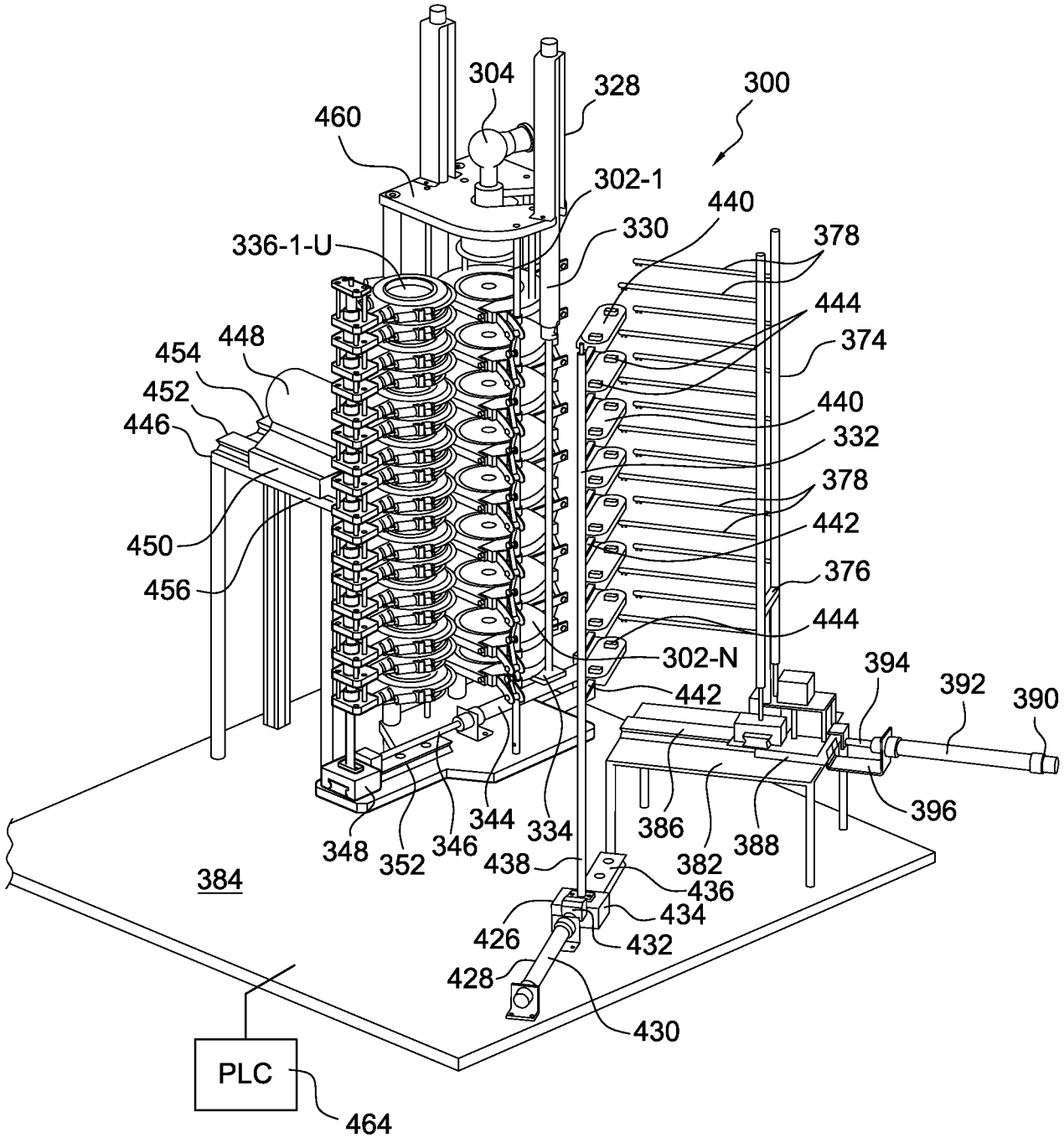
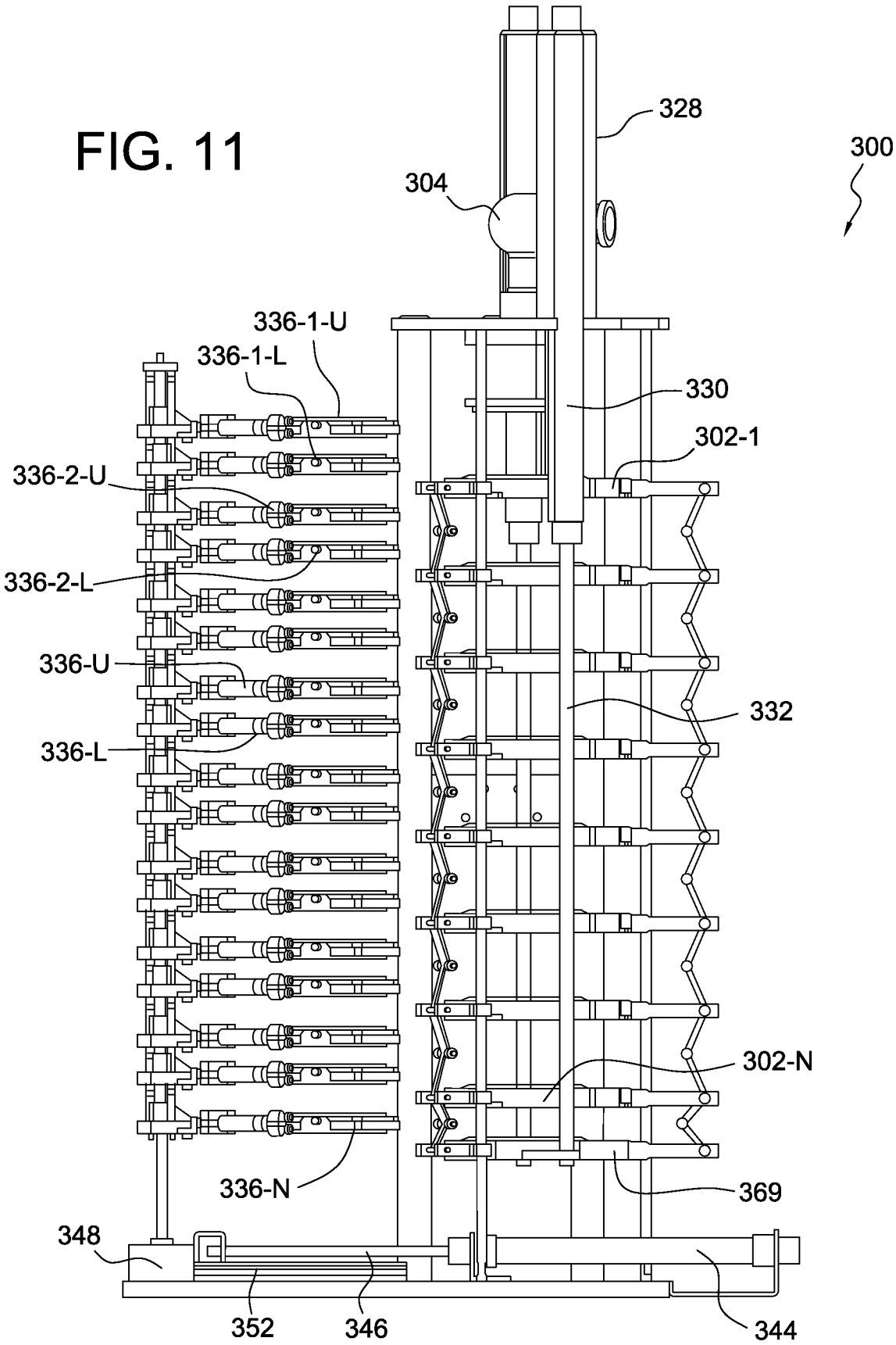

304
328
300
460
302-1
440
330
336-1-U
378
444
448
374
454
452
440
446
332
378
450
442
456
376
444
302-N
394
392
390
442
396
344
334
386
348
352
346
438
382
388
384
436
434
426
432
428
430
PLC
464

FIG. 10

FIG. 11


328
300
304
336-1-U
336-1-L
330
302-1
336-2-U
336-2-L
336-U
332
336-L
302-N
336-N
369
348
352
346
344

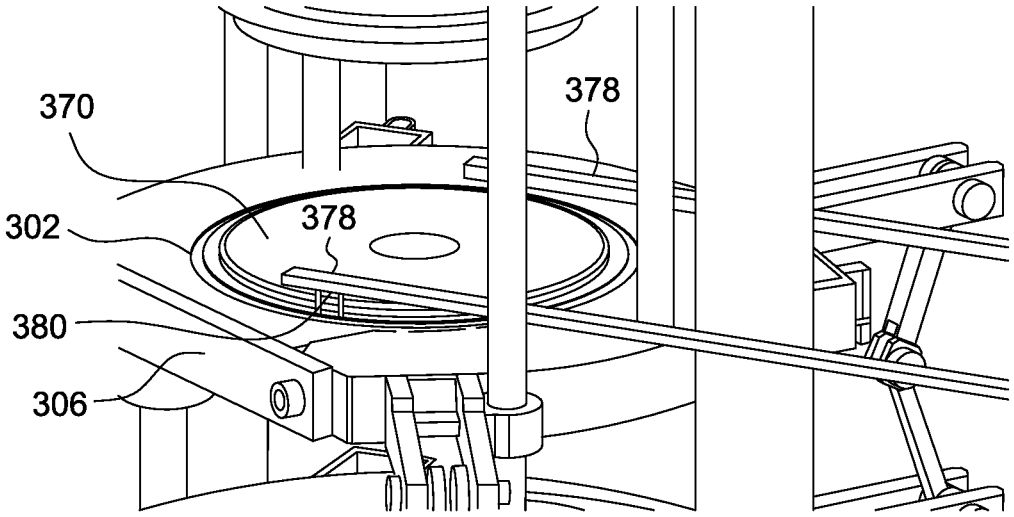


FIG. 12

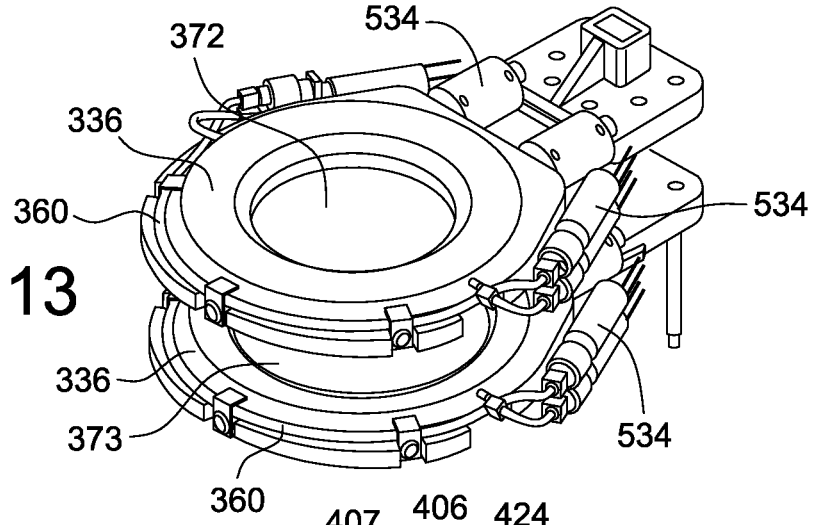


FIG. 13

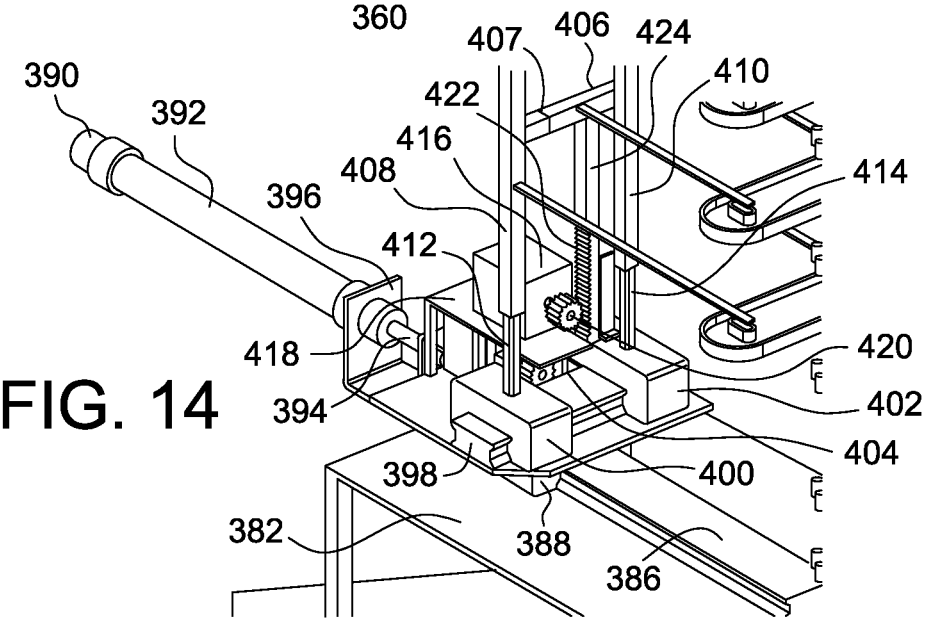


FIG. 14

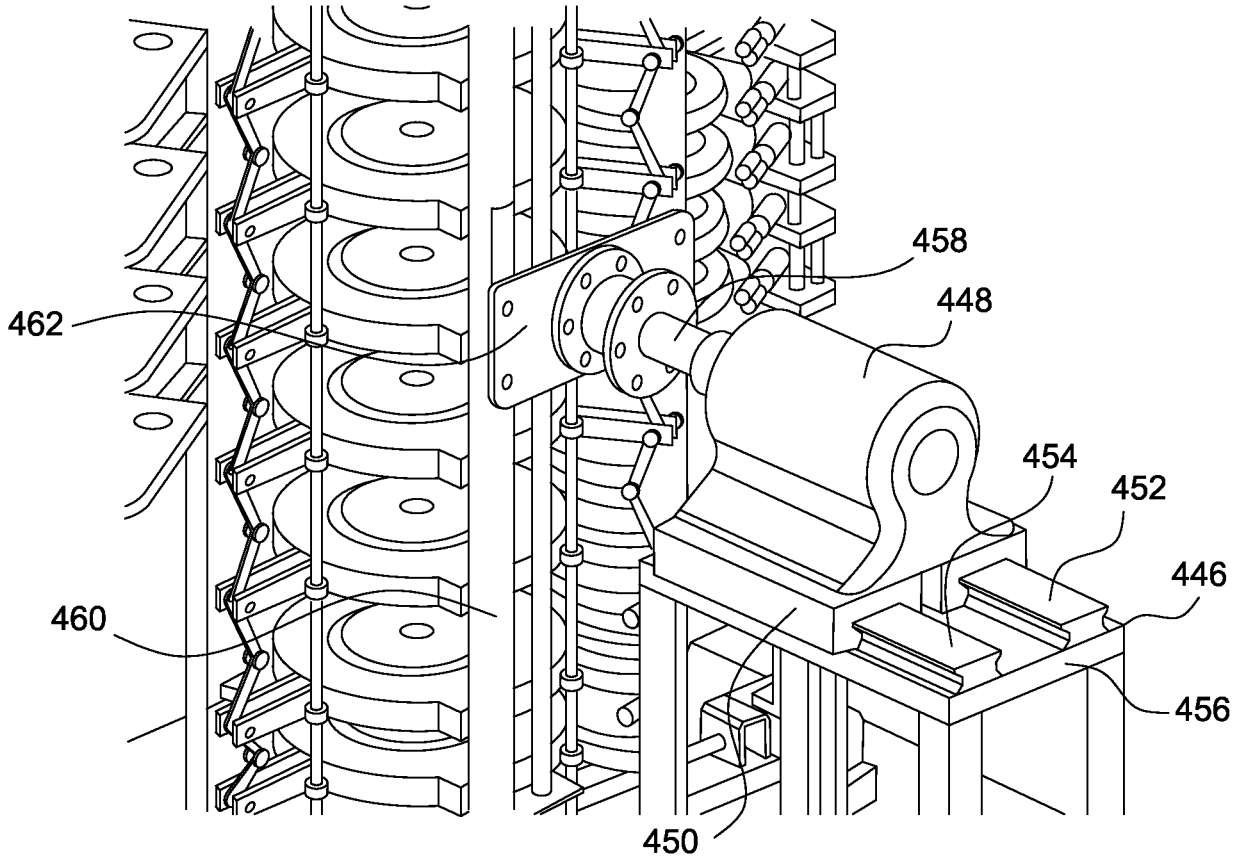


FIG. 15

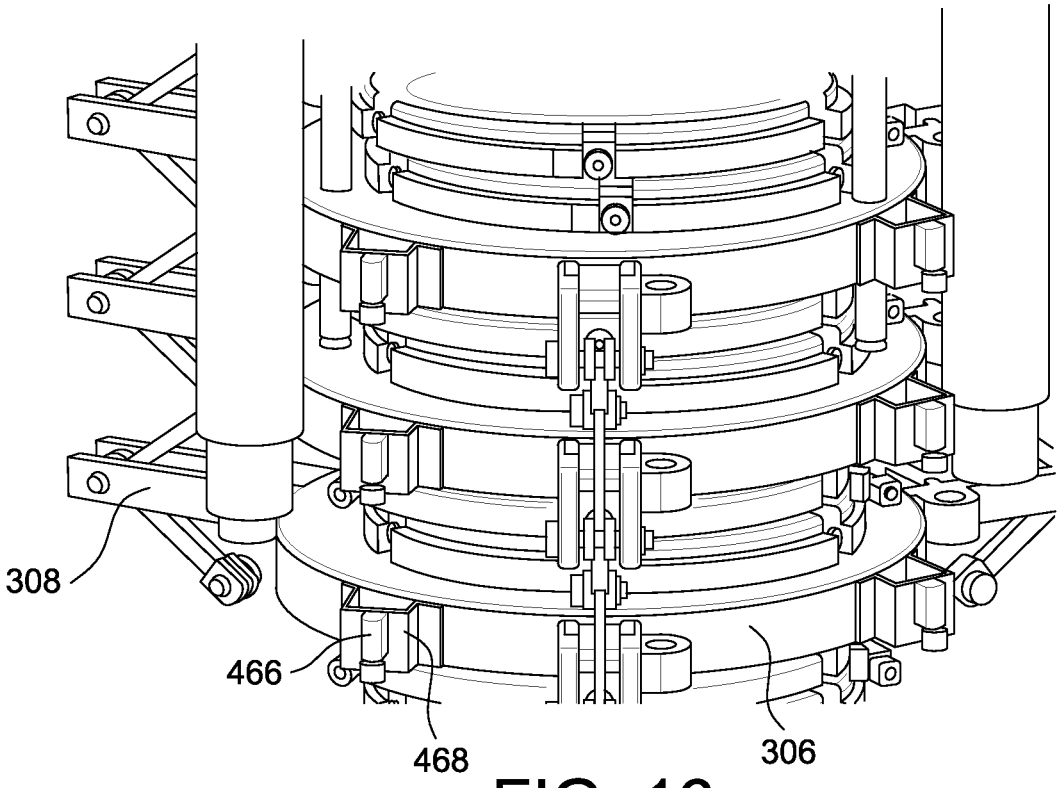


FIG. 16

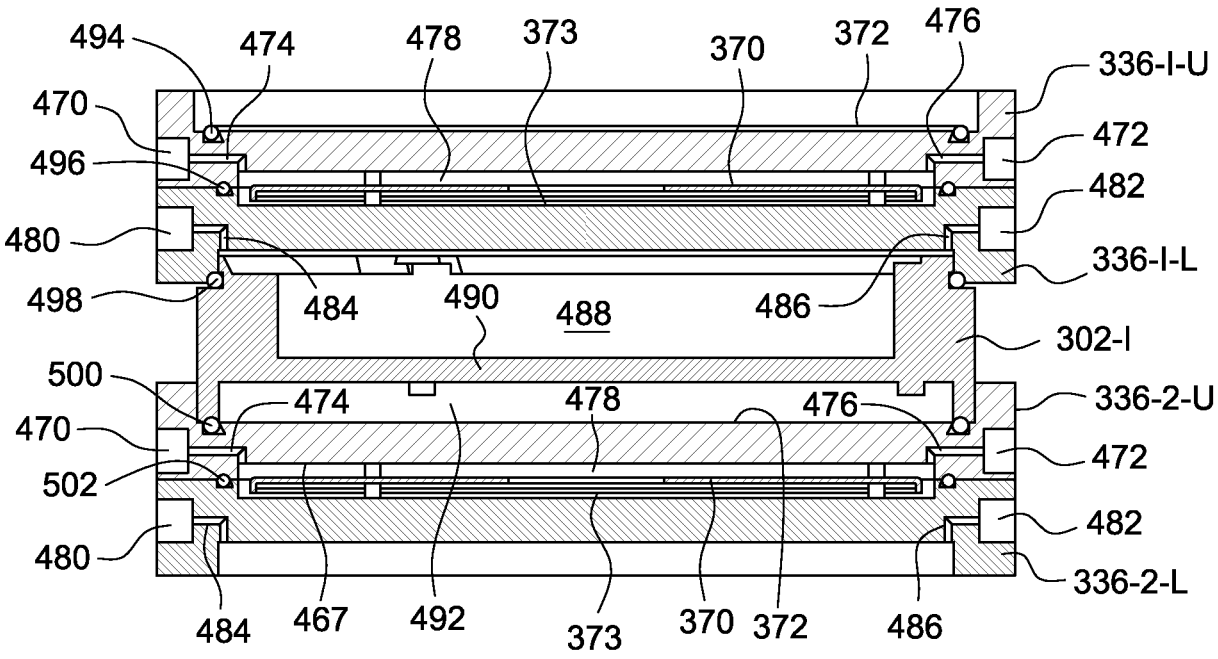

494
474
478
373
370
372
476
336-I-U
470
472
496
482
480
336-I-L
498
484
490
488
486
302-I
500
474
478
476
336-2-U
470
472
502
482
480
336-2-L
484
467
492
373
370
372
486

FIG. 17

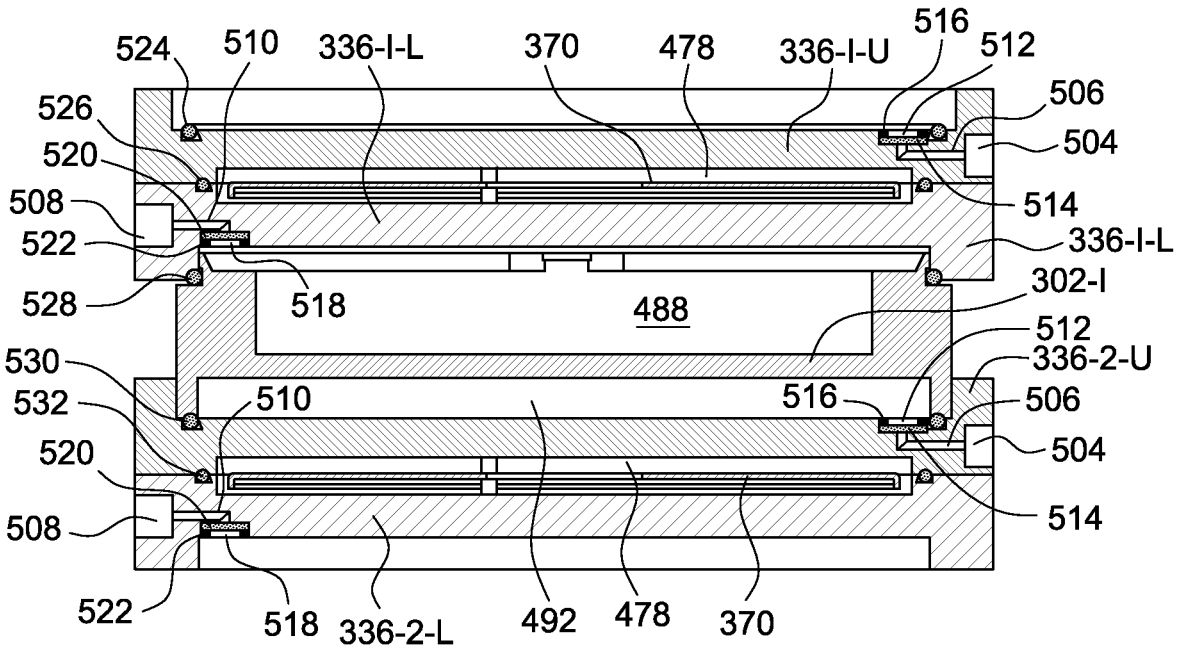

524
510
336-I-L
370
478
336-I-U
516
512
526
506
520
504
508
514
522
336-I-L
528
518
488
302-I
512
530
336-2-U
532
510
516
506
520
504
508
514
522
518
336-2-L
492
478
370

FIG. 18