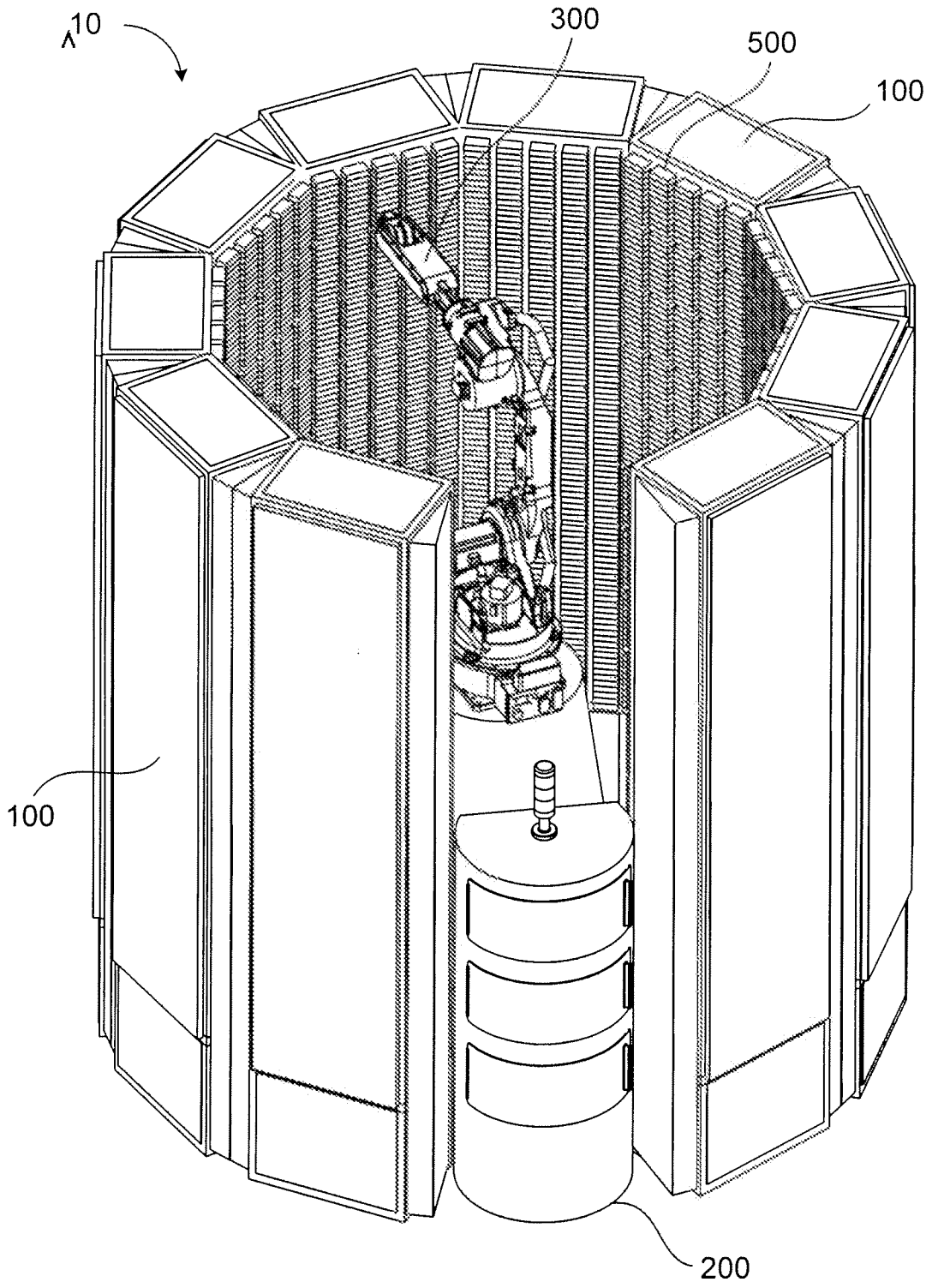


FIG. 1

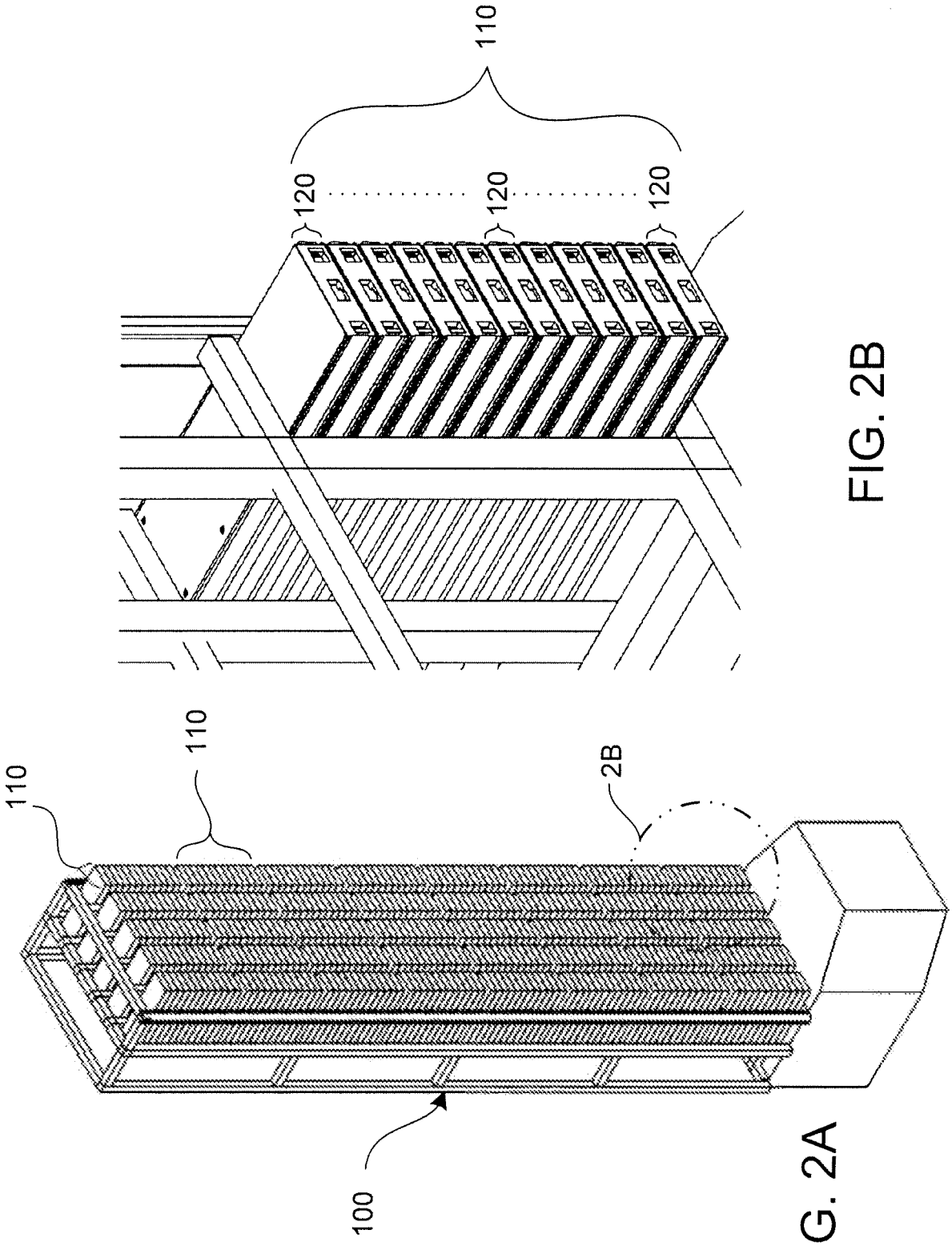


FIG. 2B

FIG. 2A

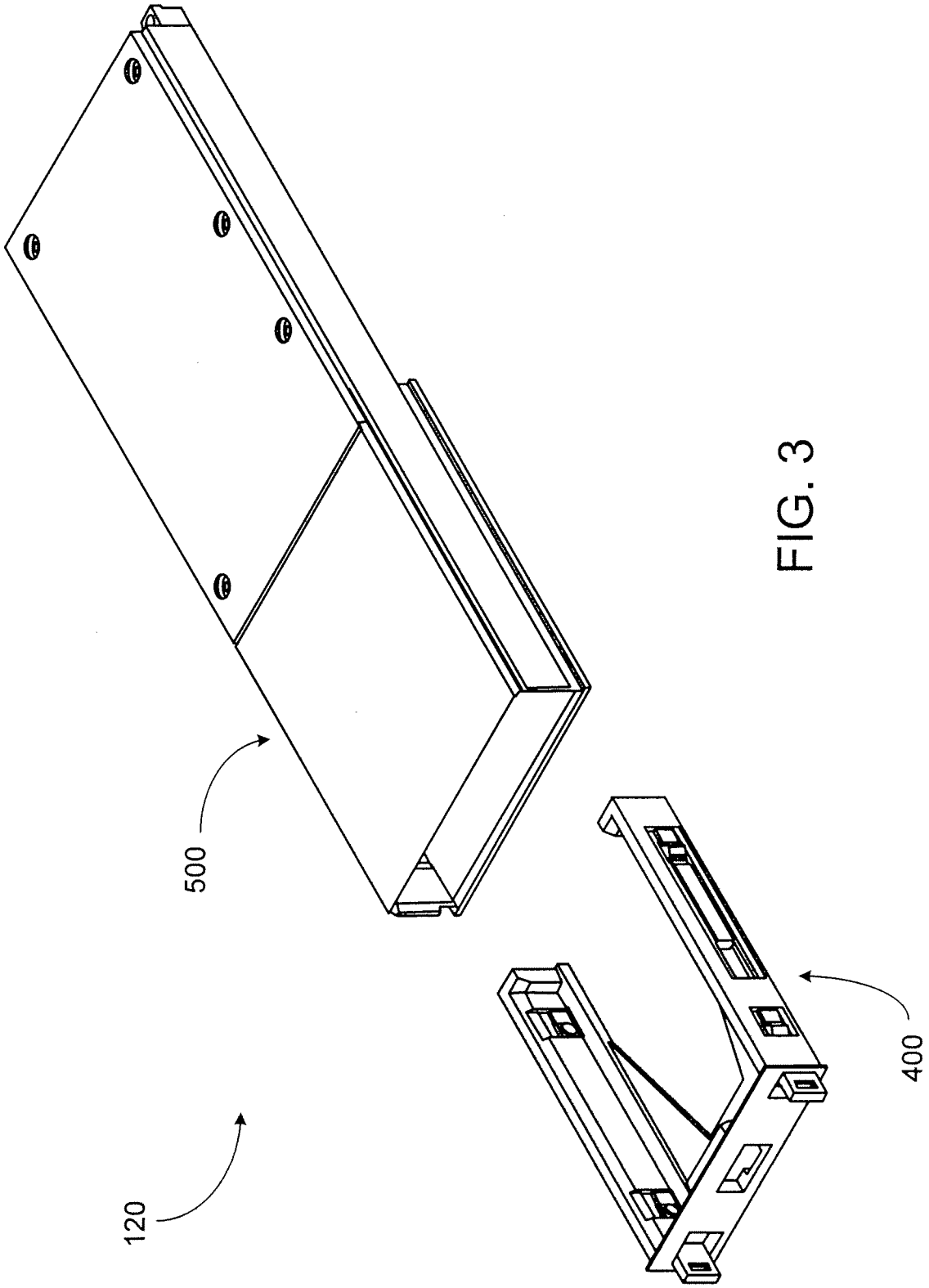


FIG. 3

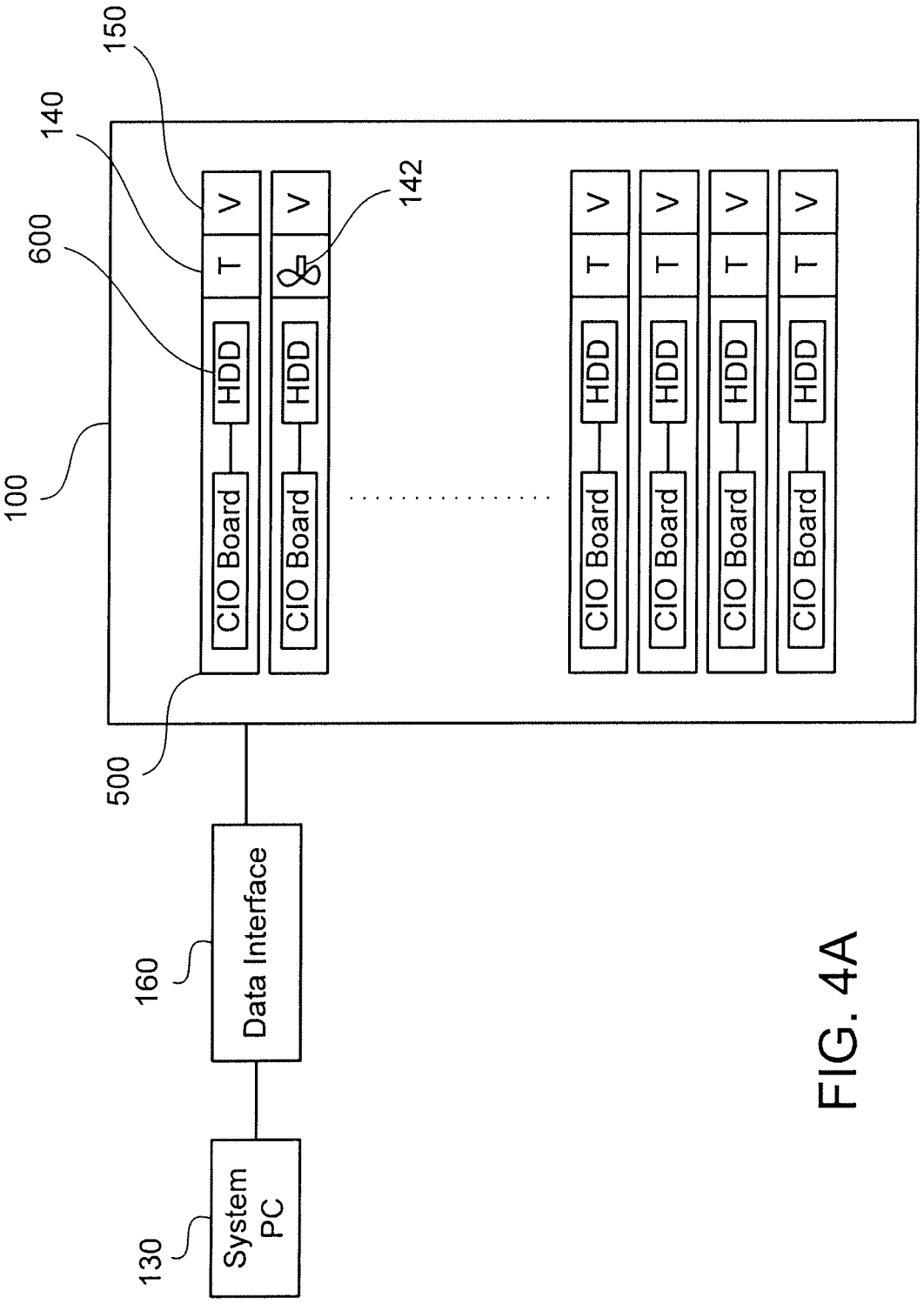

150
140
600
142
100
500
160
130
V
T
HDD
CIO Board
Data Interface
System PC

FIG. 4A

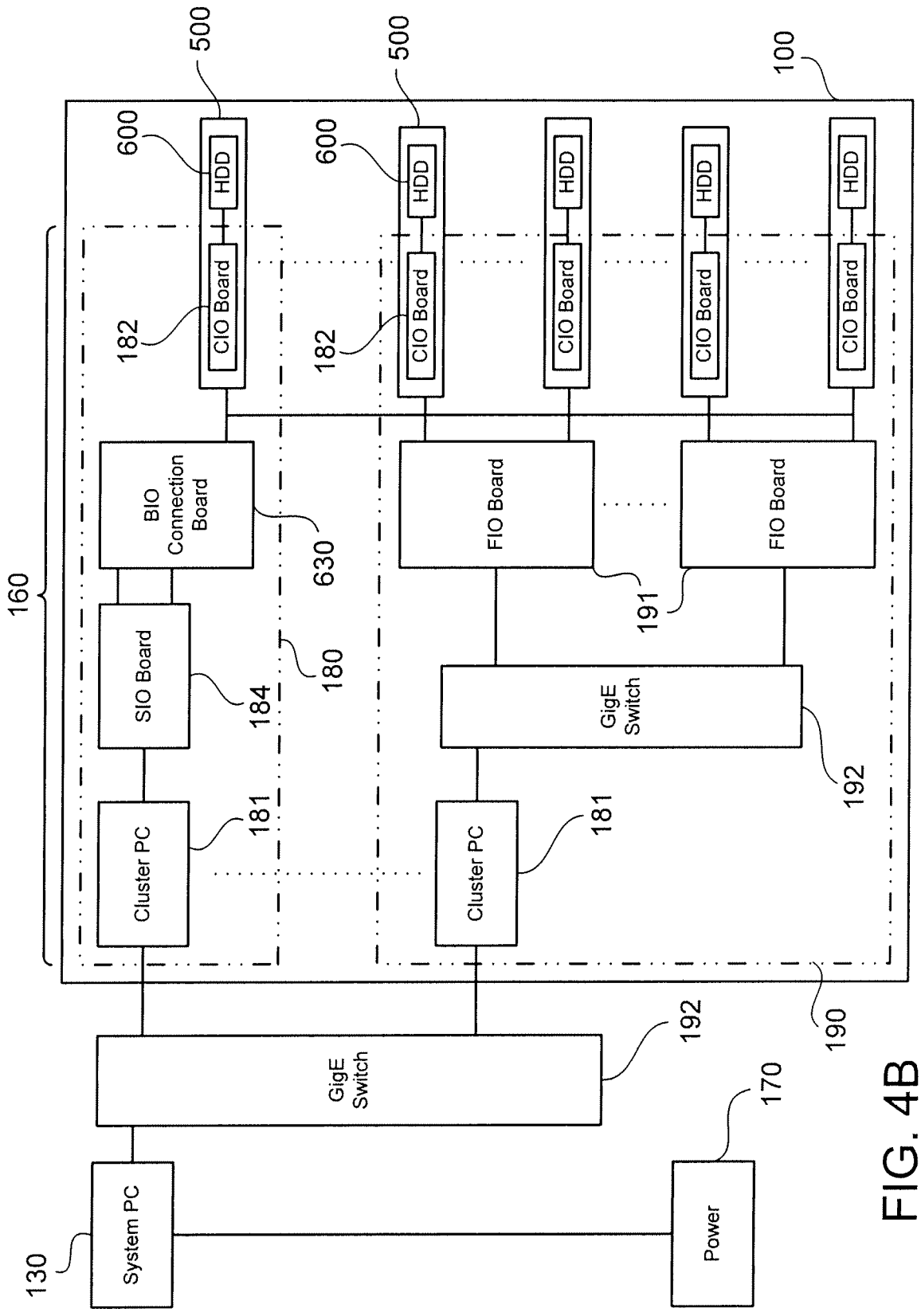

500
500
100
600
600
HDD
HDD
HDD
HDD
HDD
182
182
CIO Board
CIO Board
CIO Board
CIO Board
CIO Board
160
BIO Connection Board
630
FIO Board
FIO Board
191
SIO Board
184
180
GigE Switch
192
Cluster PC
181
Cluster PC
181
GigE Switch
192
190
170
System PC
130
Power

FIG. 4B

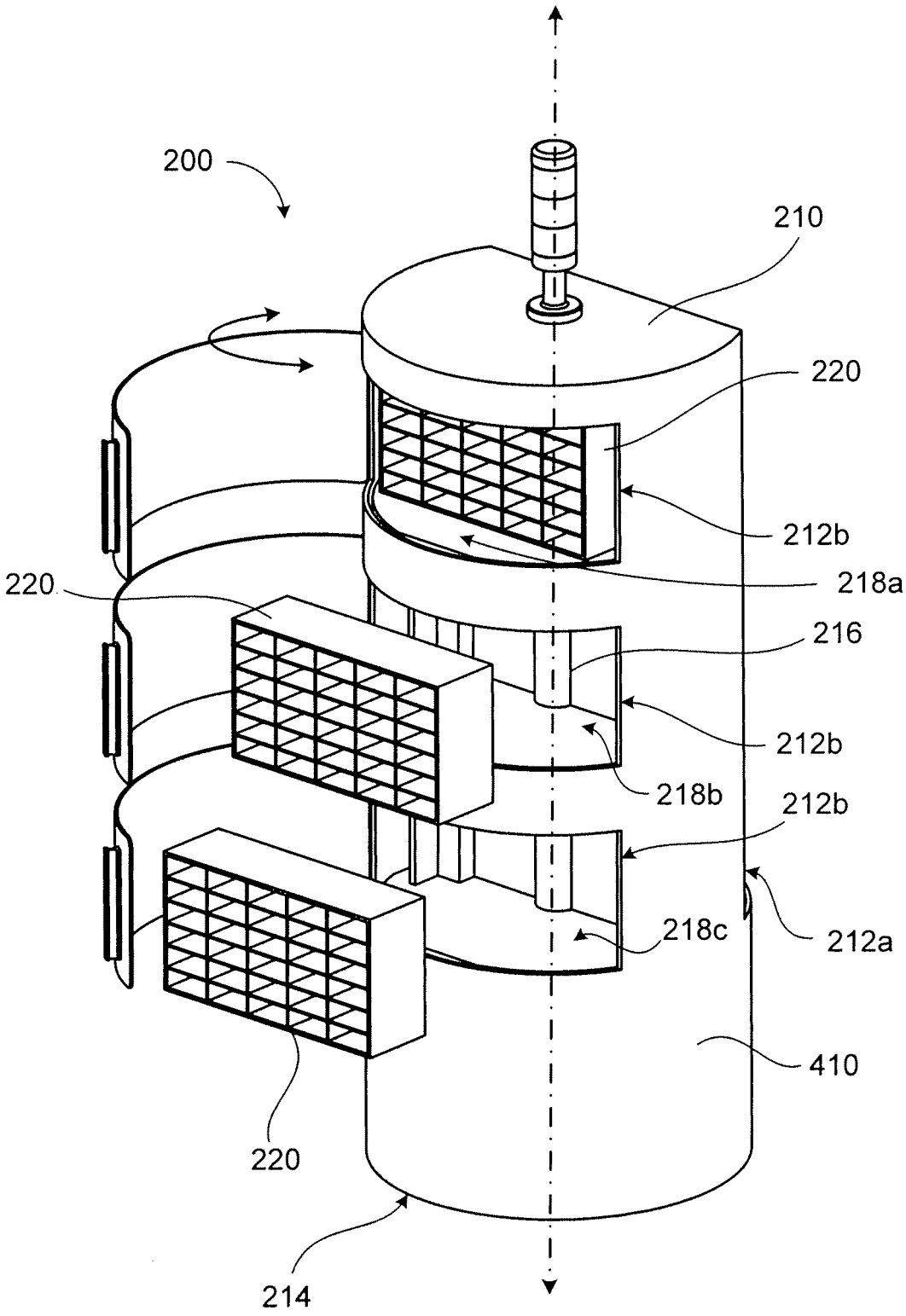

200
210
220
212b
218a
220
216
212b
218b
212b
212a
218c
410
220
214

FIG. 5

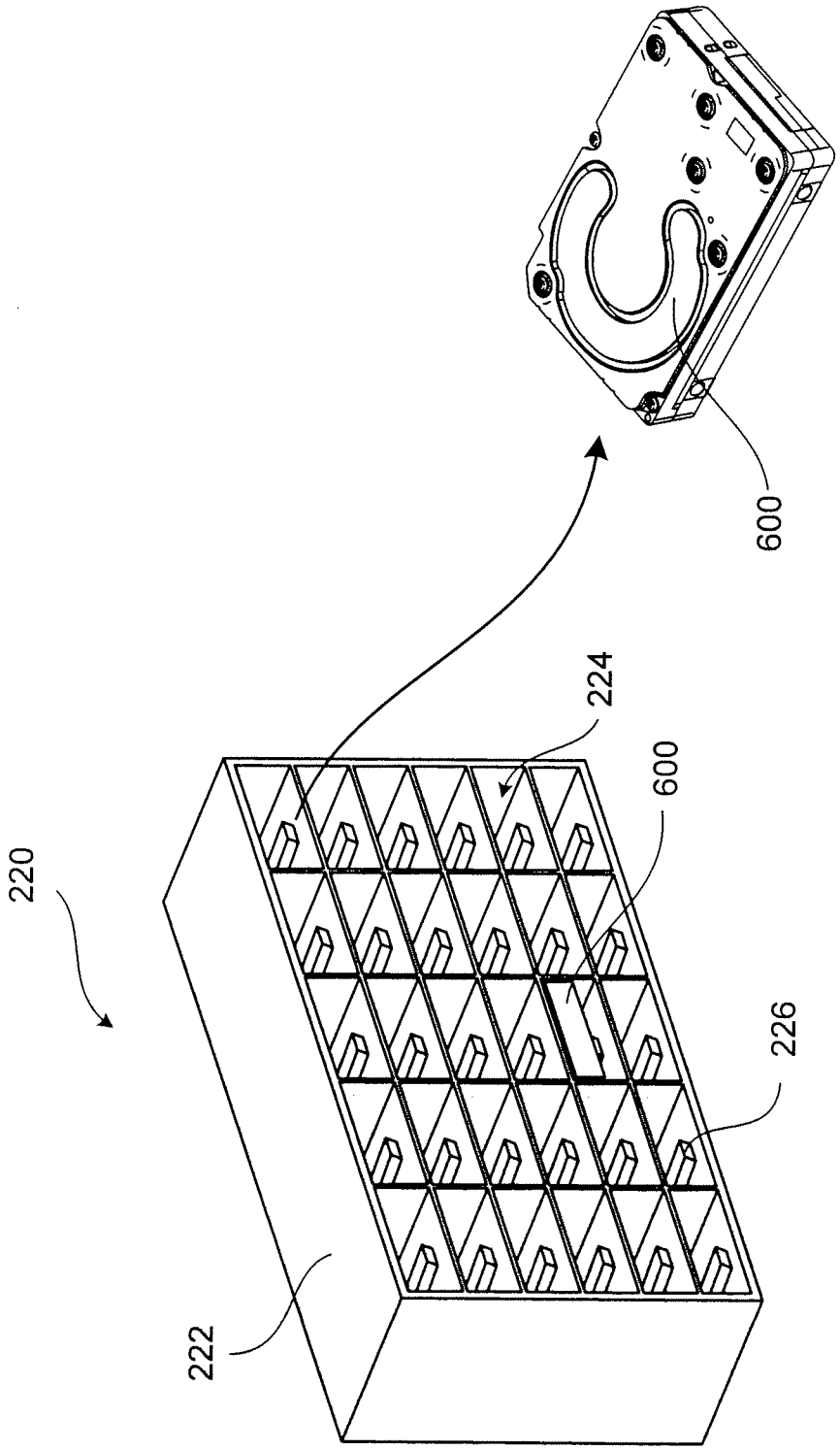


FIG. 6

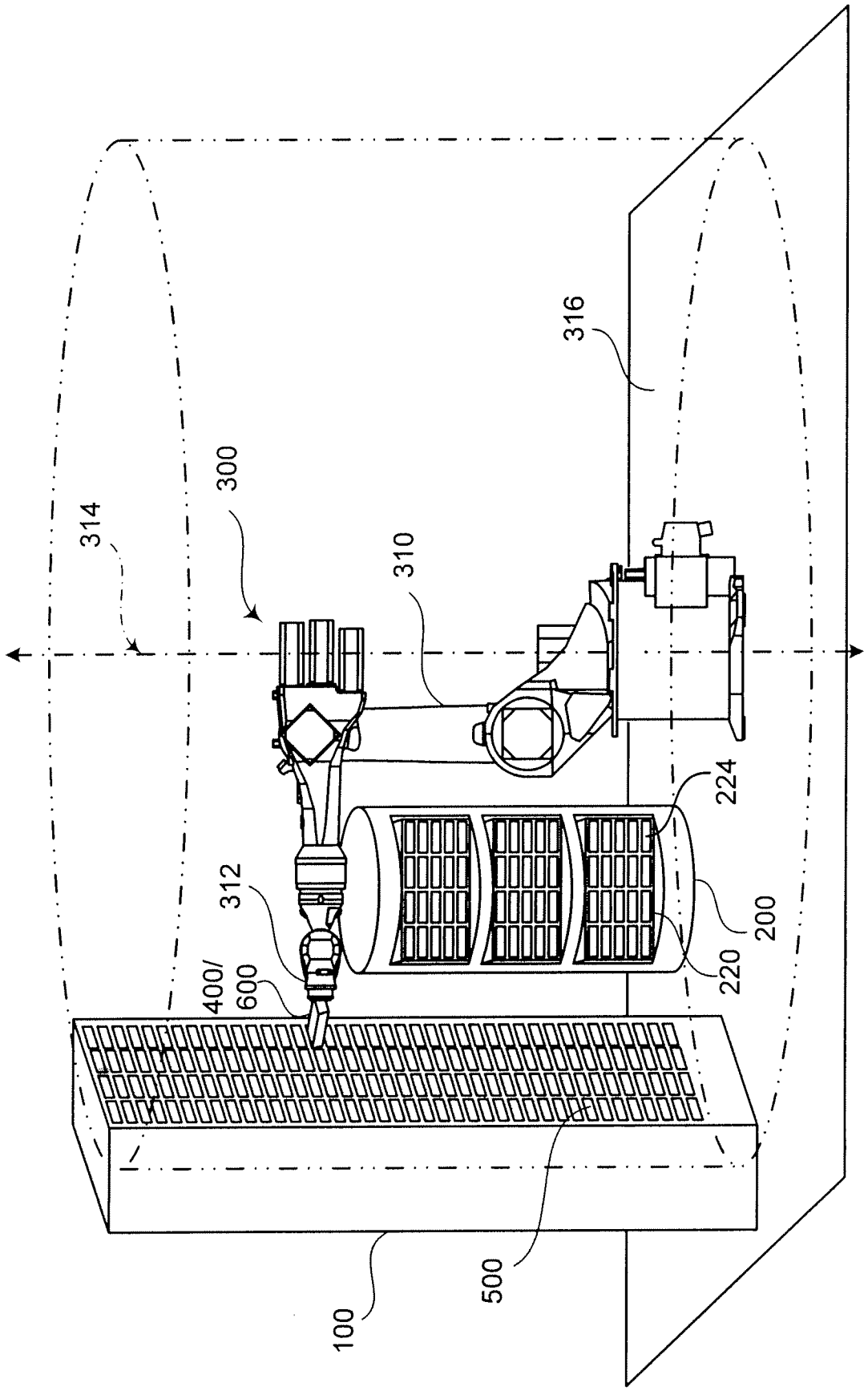


FIG. 7

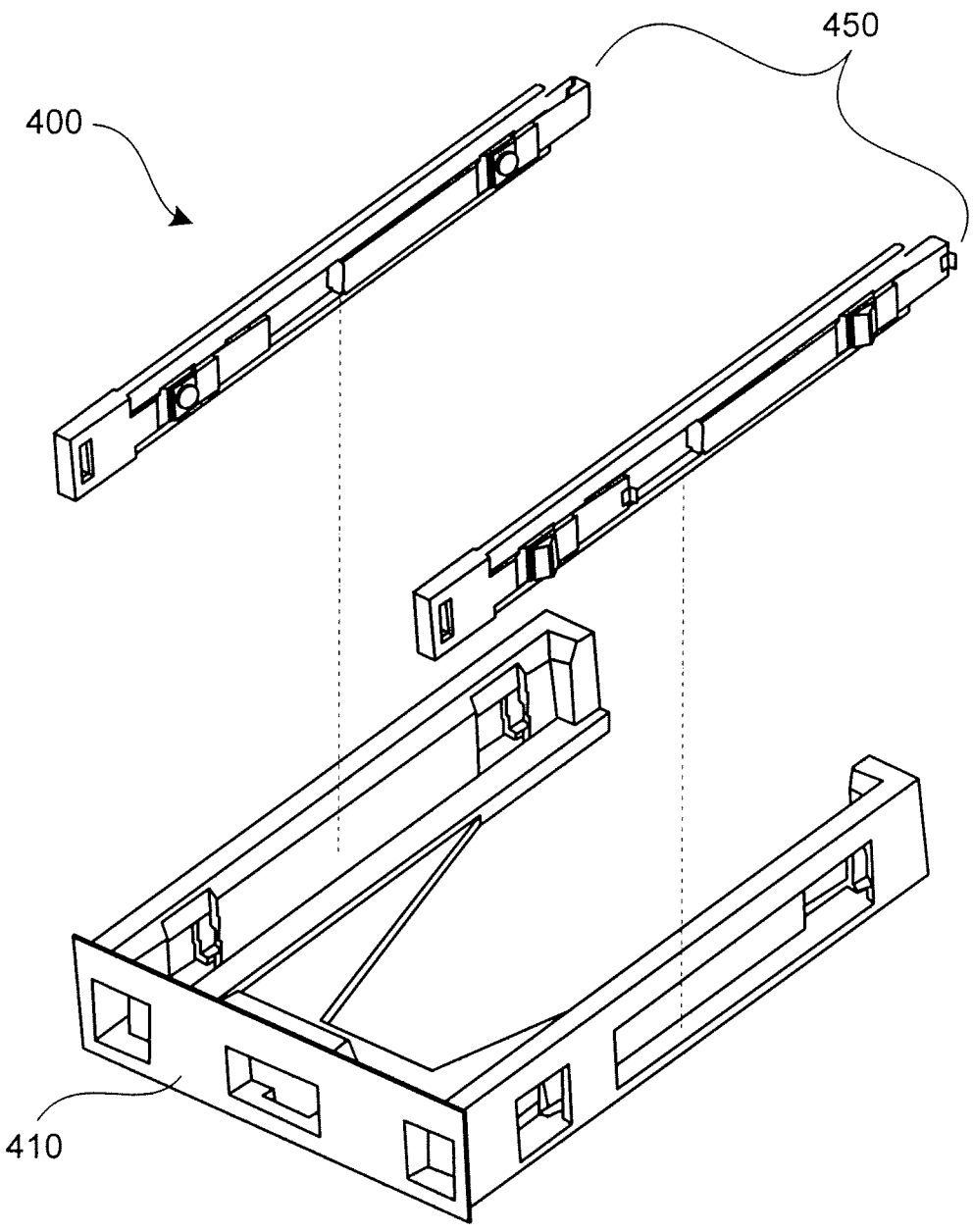


FIG. 8

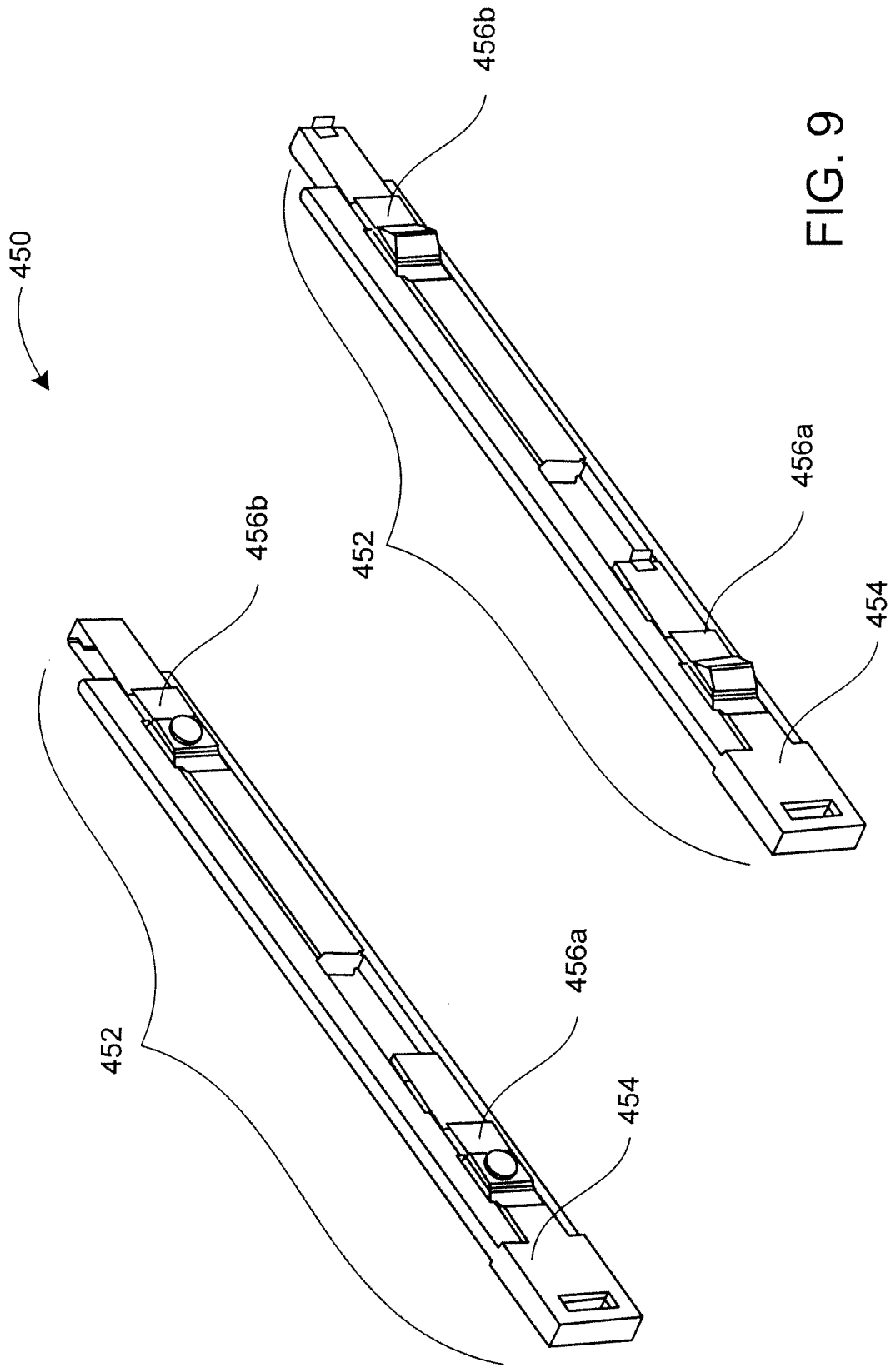


FIG. 9

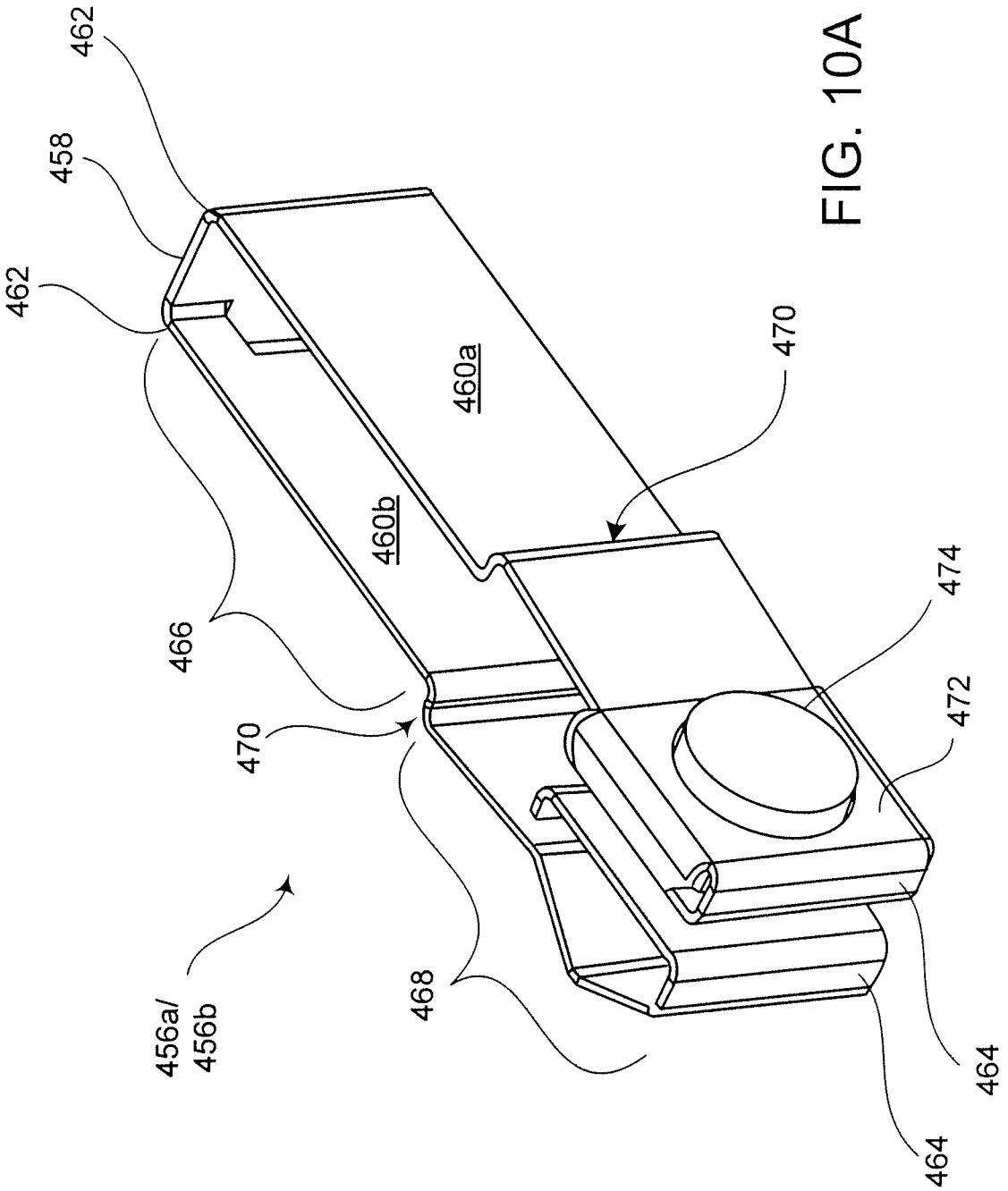


FIG. 10A

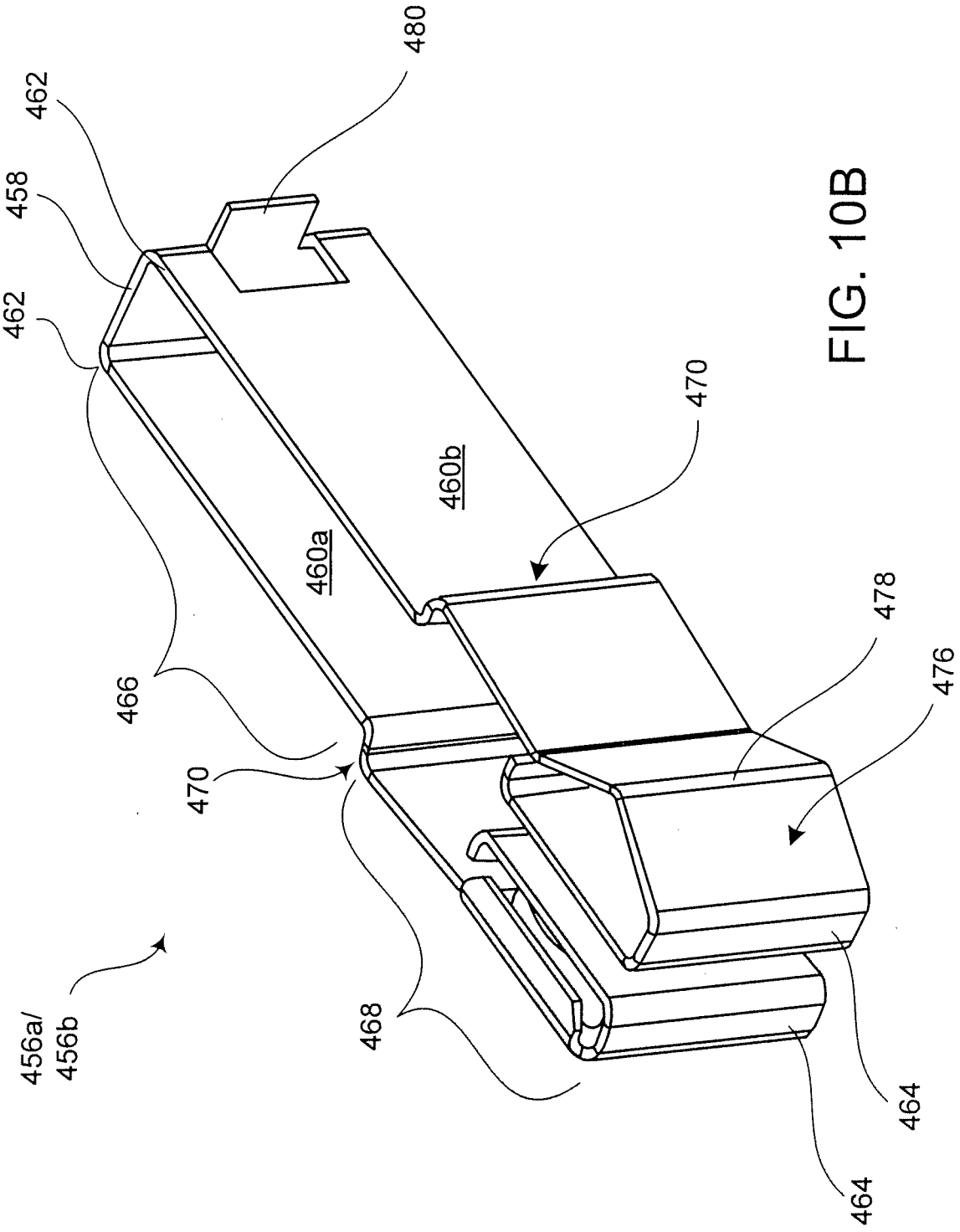

480
462
458
462
460b
460a
470
478
476
466
470
468
456a/
456b
464
464

FIG. 10B

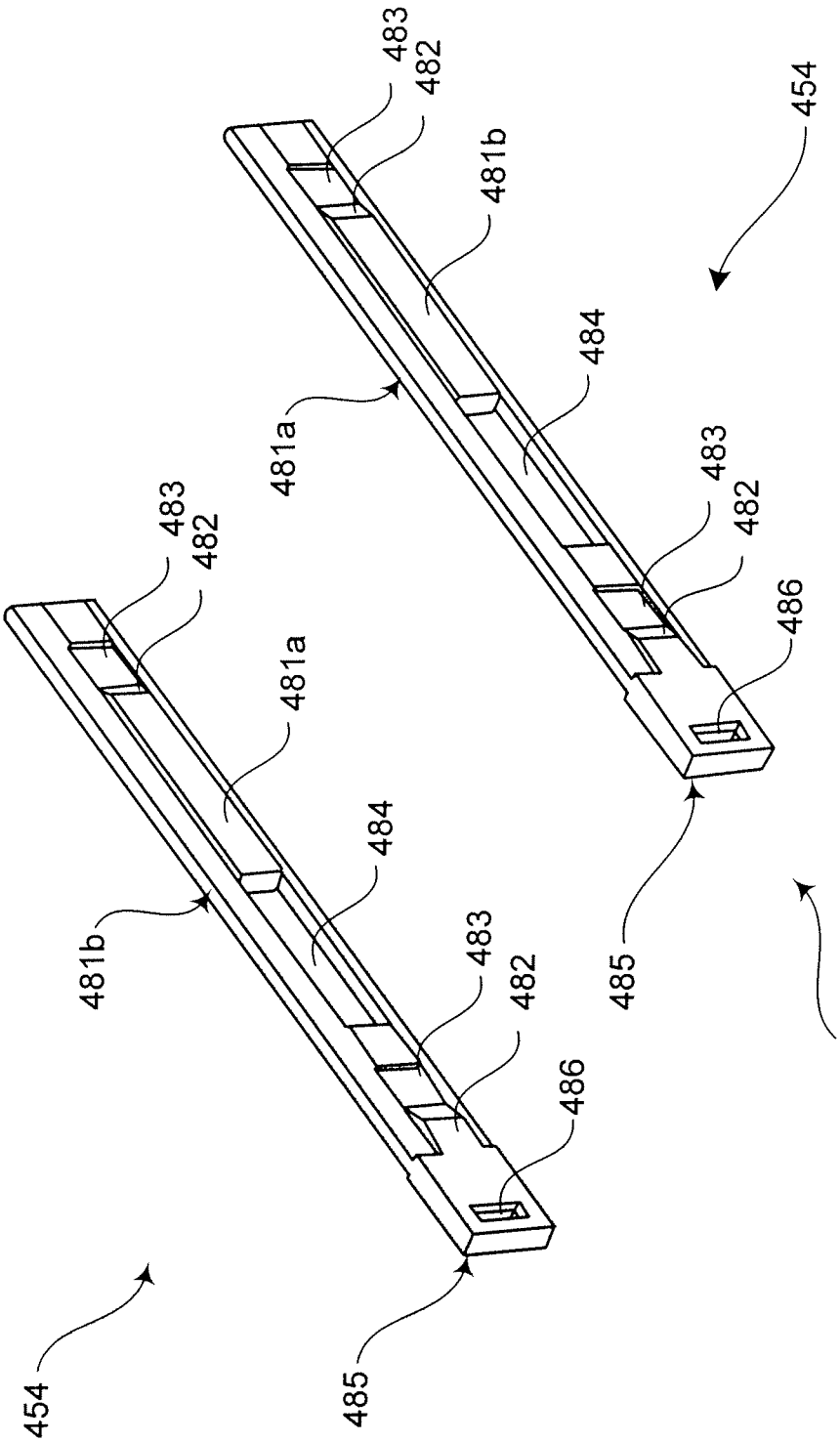

483
482
481b
454
484
481a
483
482
486
481a
483
482
484
481b
483
482
486
485
485
454
454

FIG. 11

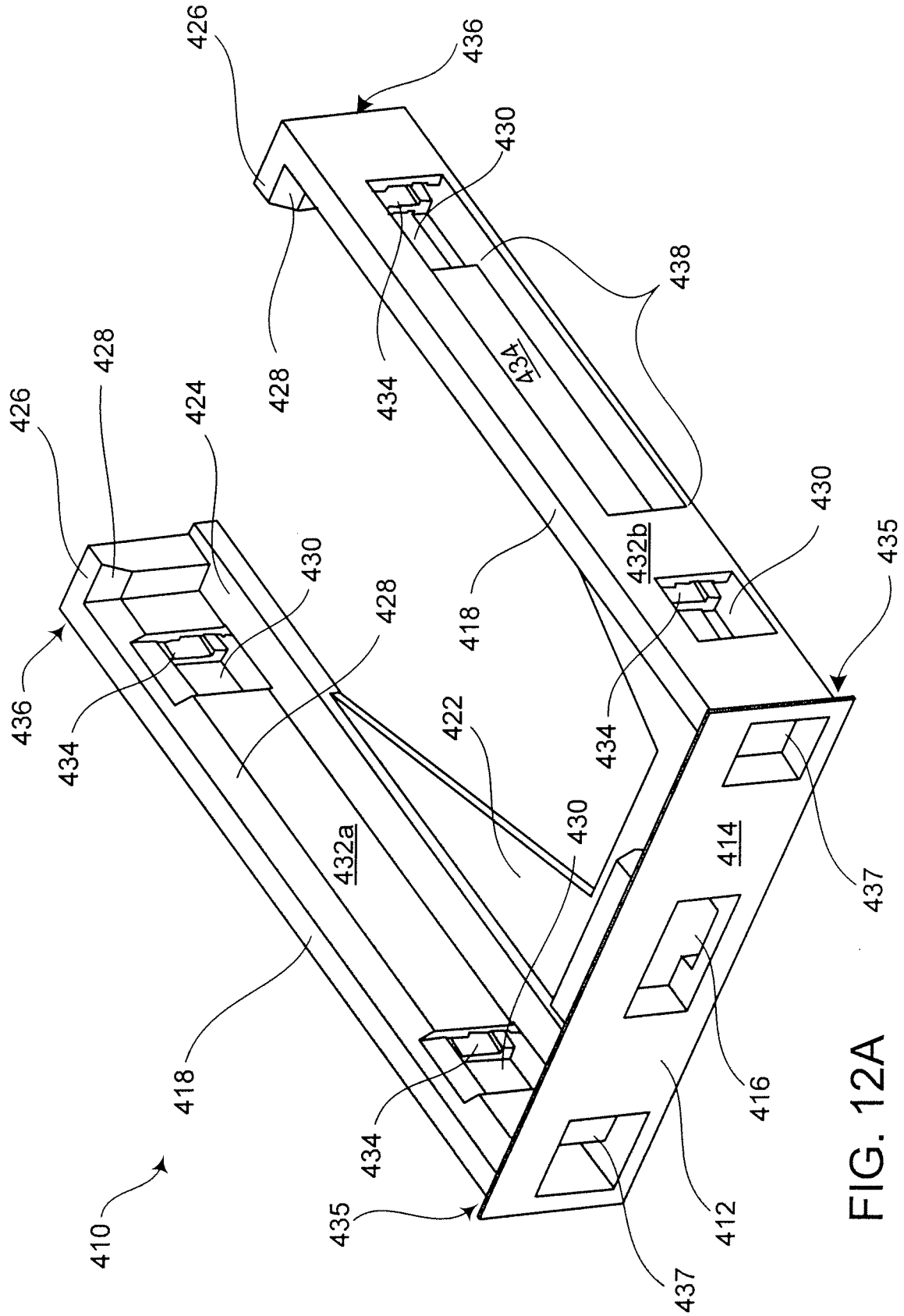

426
436
430
428
438
434
424
432b
418
435
422
414
437
416
412
410
432a

FIG. 12A

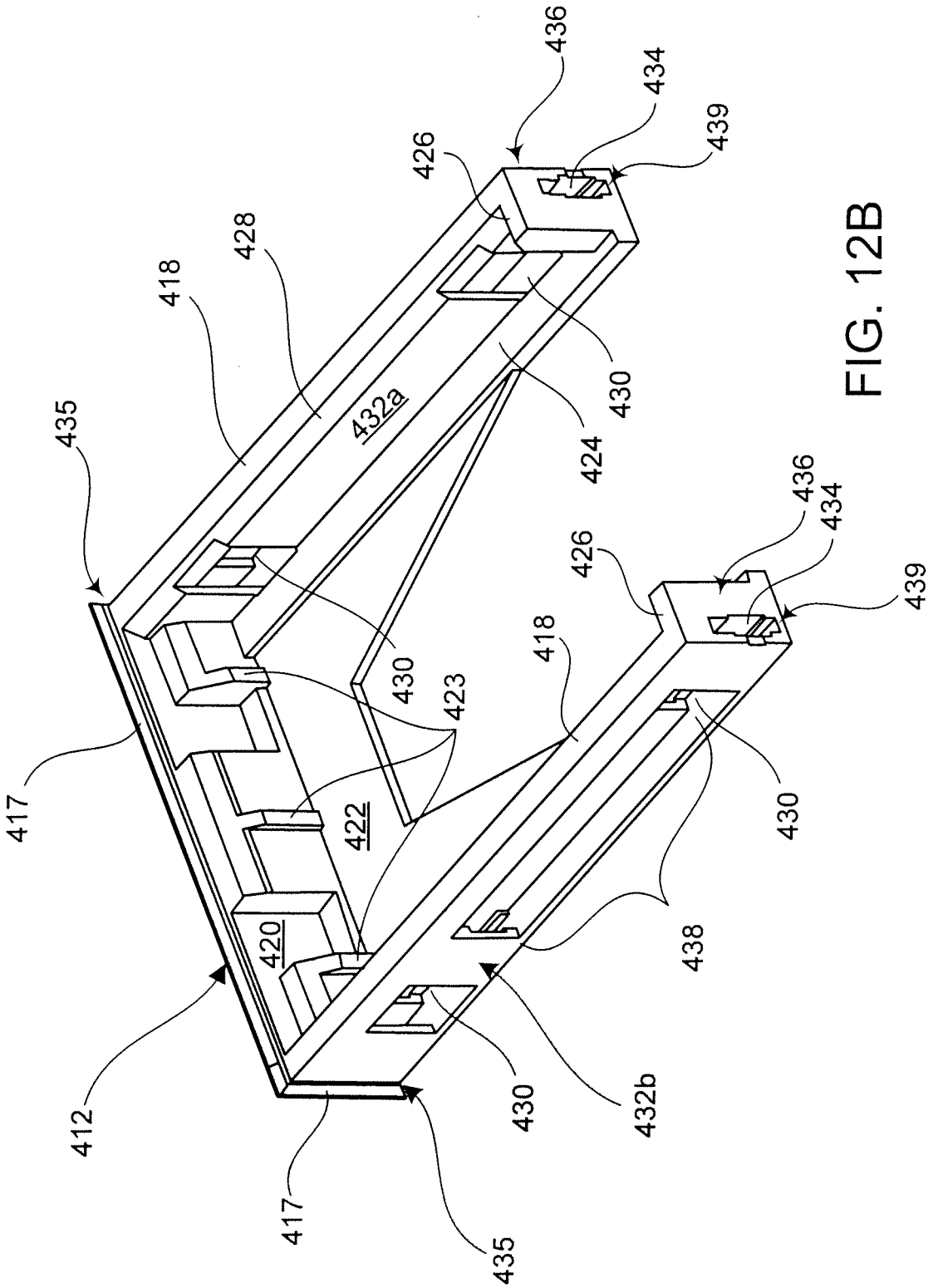

436
434
439
426
428
418
432a
435
430
424
436
434
426
439
418
423
430
417
422
420
438
412
430
432b
417
435

FIG. 12B

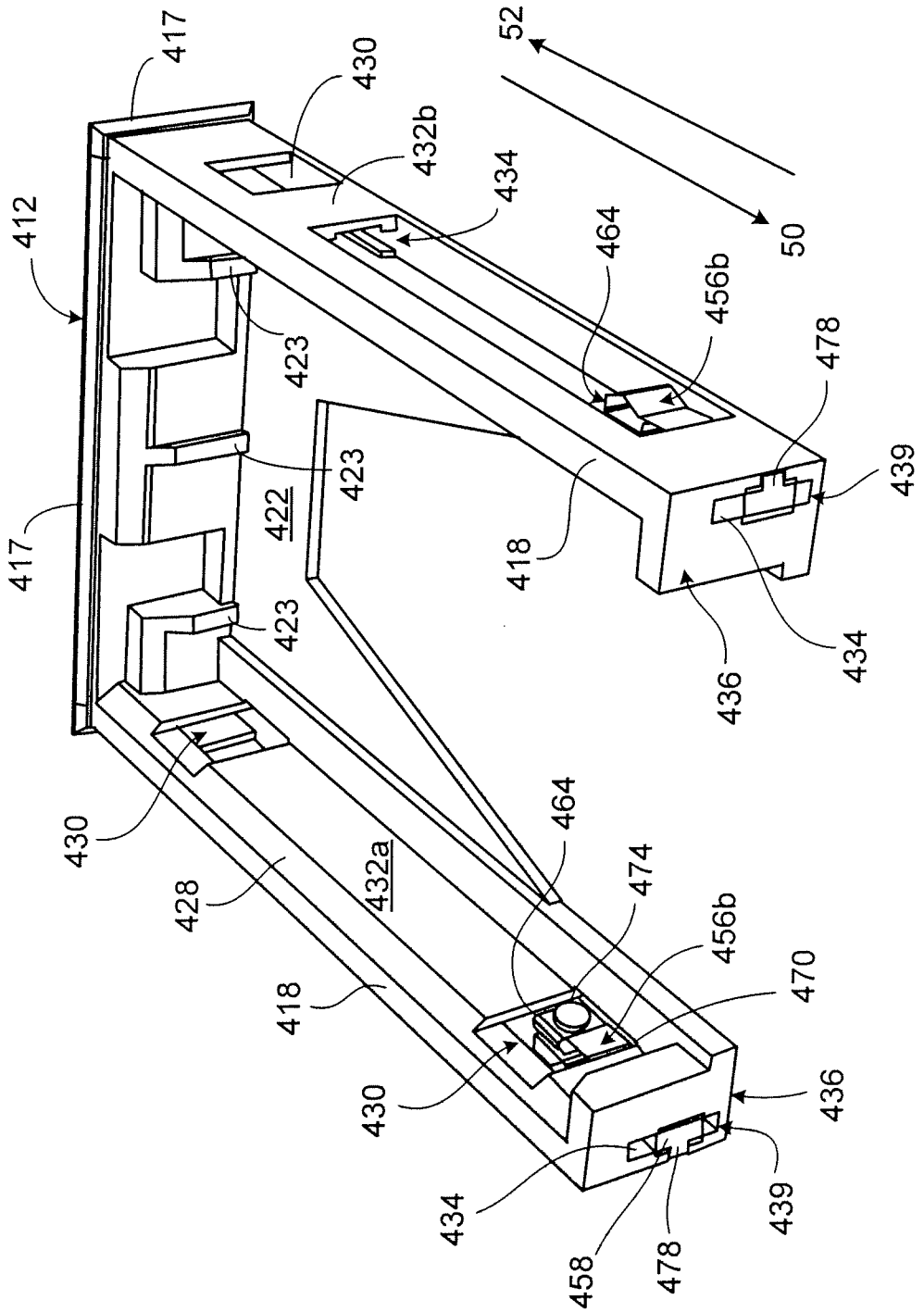

417
430
52
432b
434
412
464
456b
50
478
423
439
422
423
418
417
423
436
434
430
464
432a
474
428
456b
418
470
430
436
434
439
458
478

FIG. 13A

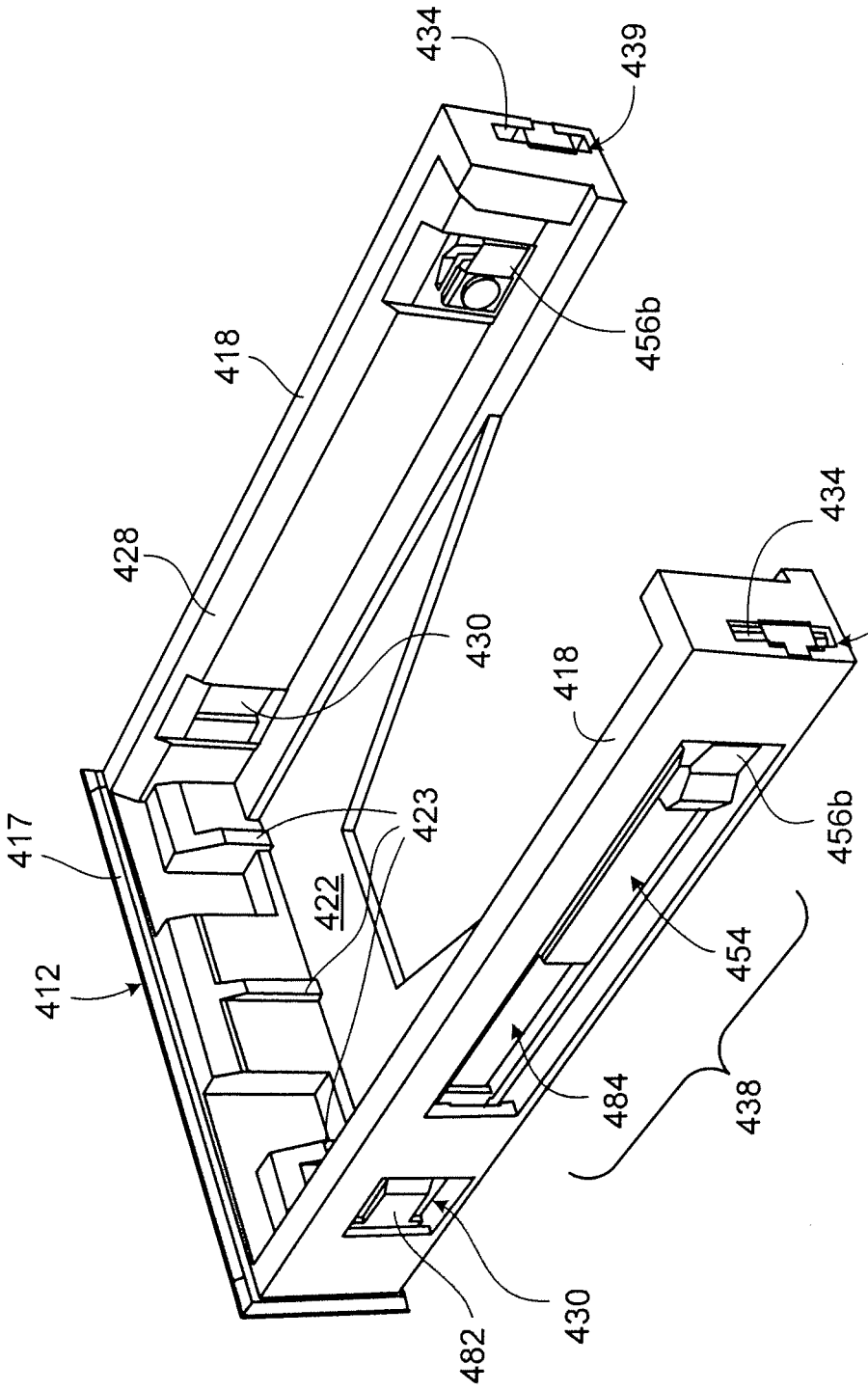


FIG. 13B

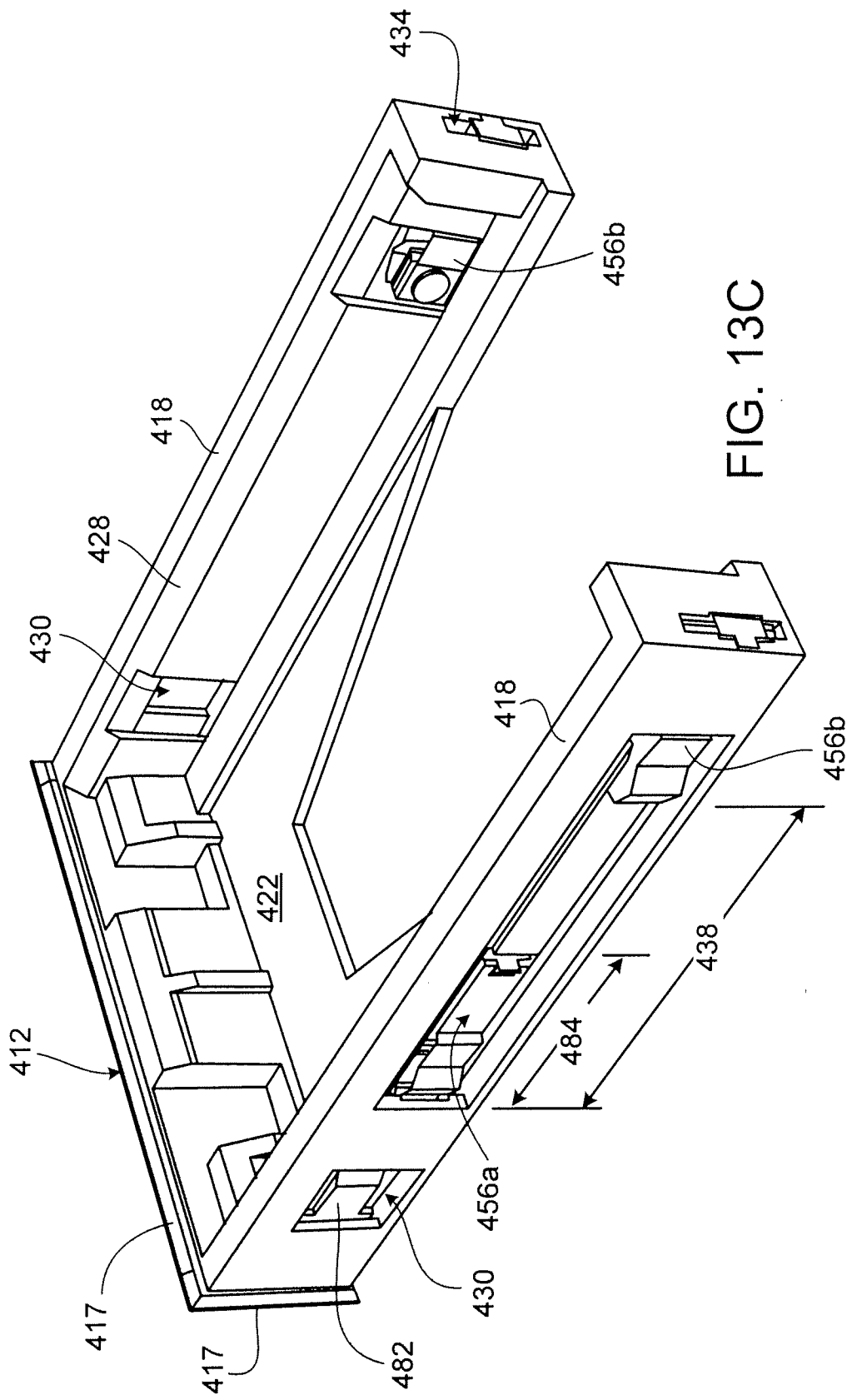

434
456b
418
428
430
422
412
417
417
482
430
456a
418
456b
438
484

FIG. 13C

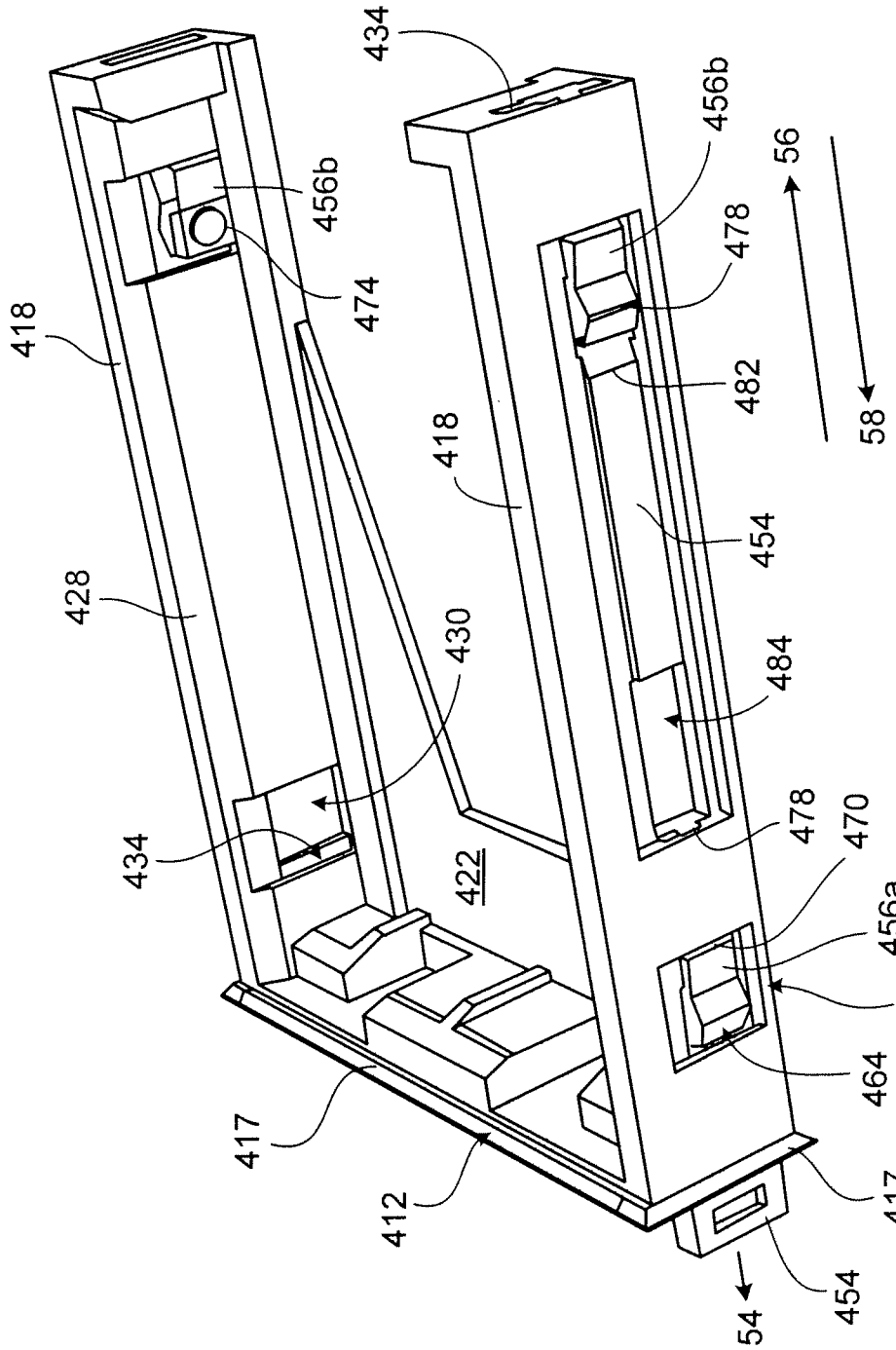

434
456b
56
456b
474
478
418
482
58
418
454
428
430
484
434
478
470
422
456a
430
464
417
412
417
454
54

FIG. 13D

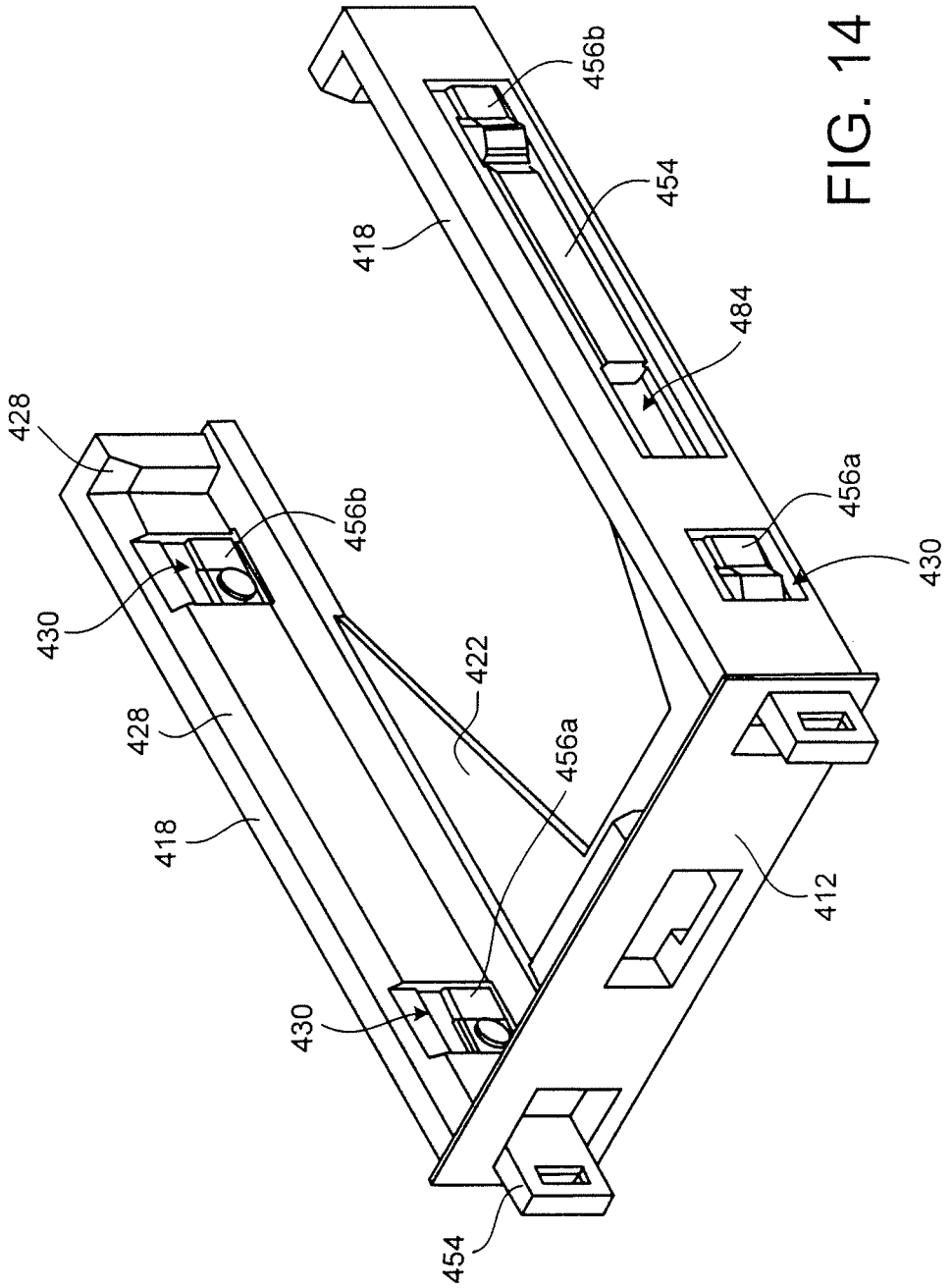
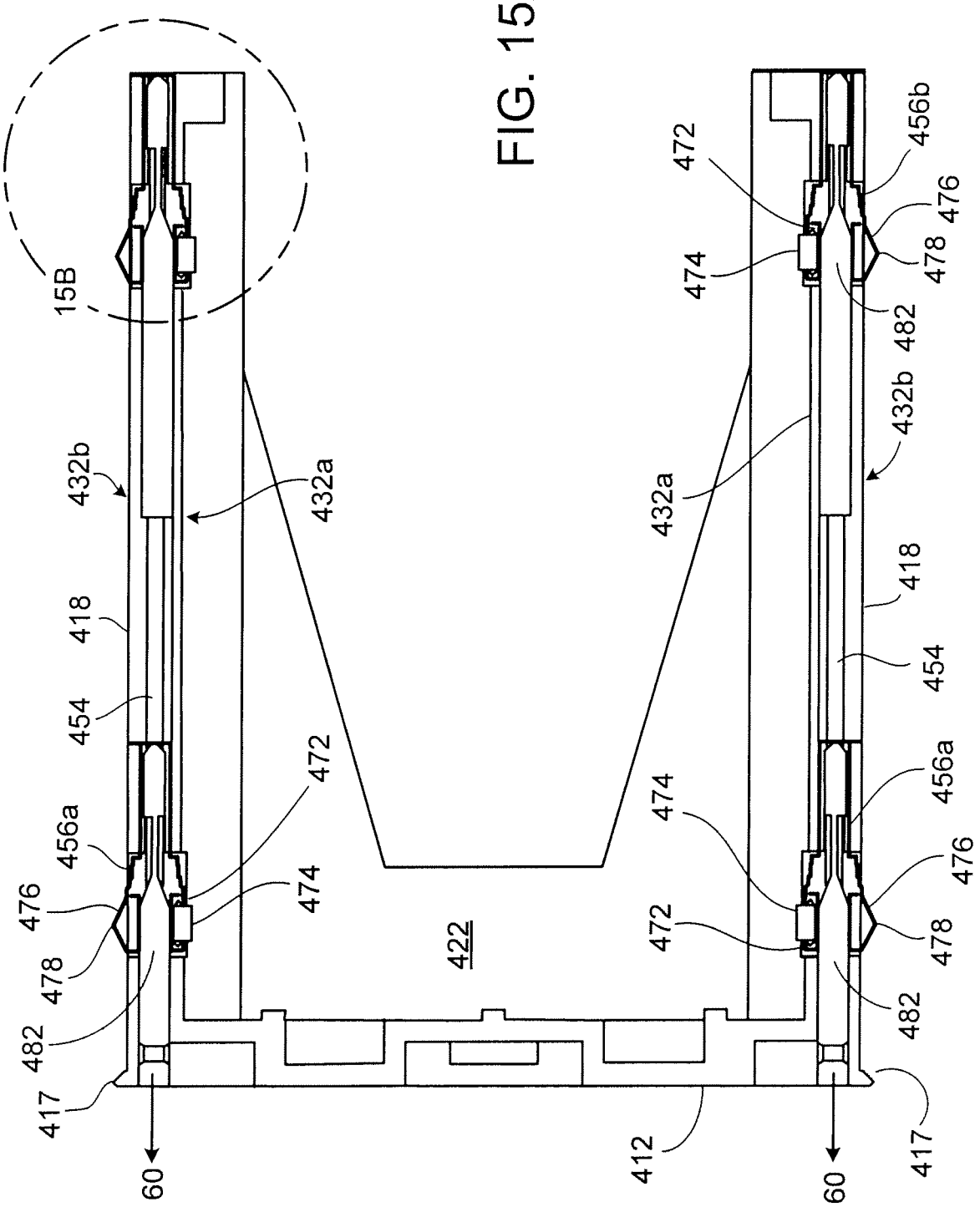

456b
454
418
484
428
456b
456a
430
430
422
428
456a
418
412
430
454

FIG. 14

FIG. 15A


15B
432b
432a
418
454
456a
476
478
482
417
60
472
474
422
412
456b
432b
418
454
456a
476
478
482
417
60

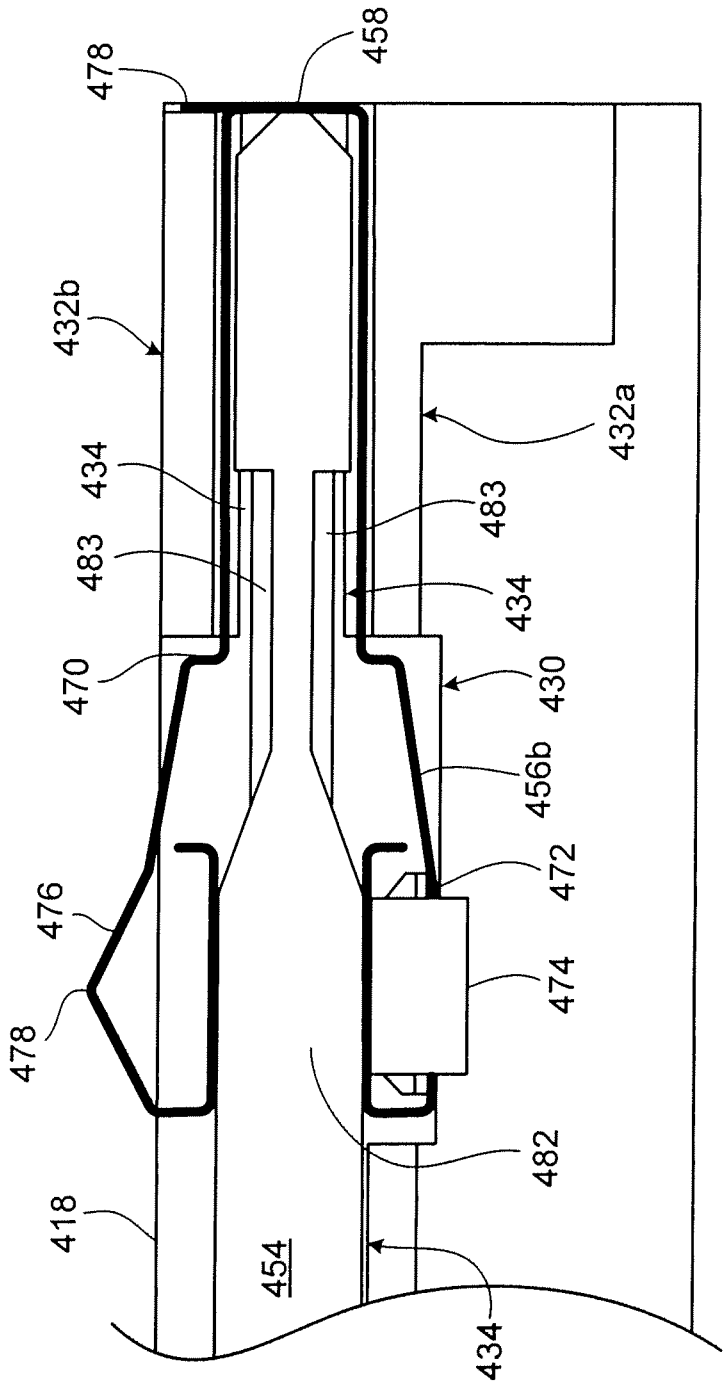
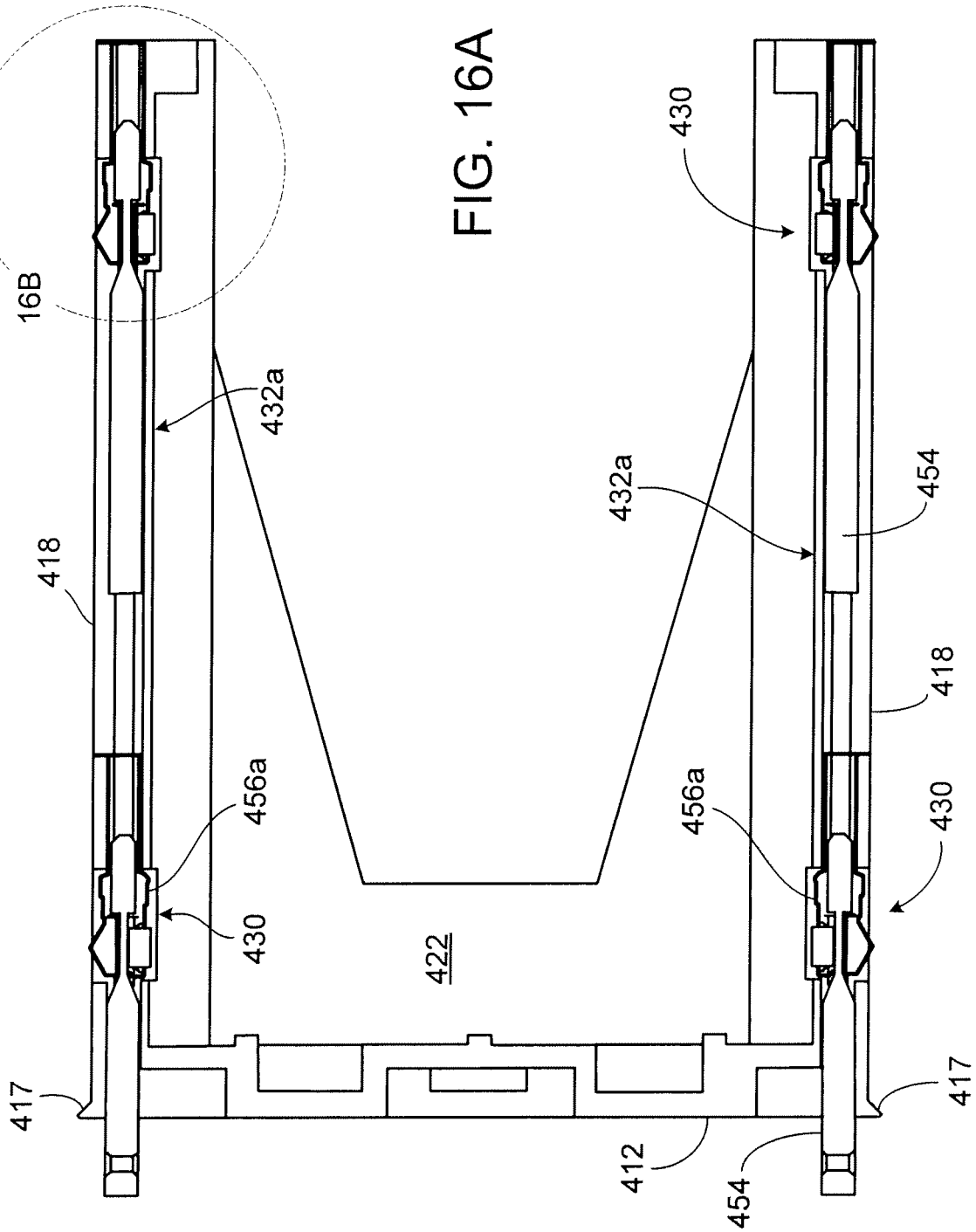

478
458
432b
432a
434
483
483
434
470
430
456b
472
476
474
478
482
418
454
434

FIG. 15B

FIG. 16A


16B
432a
418
456a
430
422
417
412
454
430
432a
454
418
456a
430
417

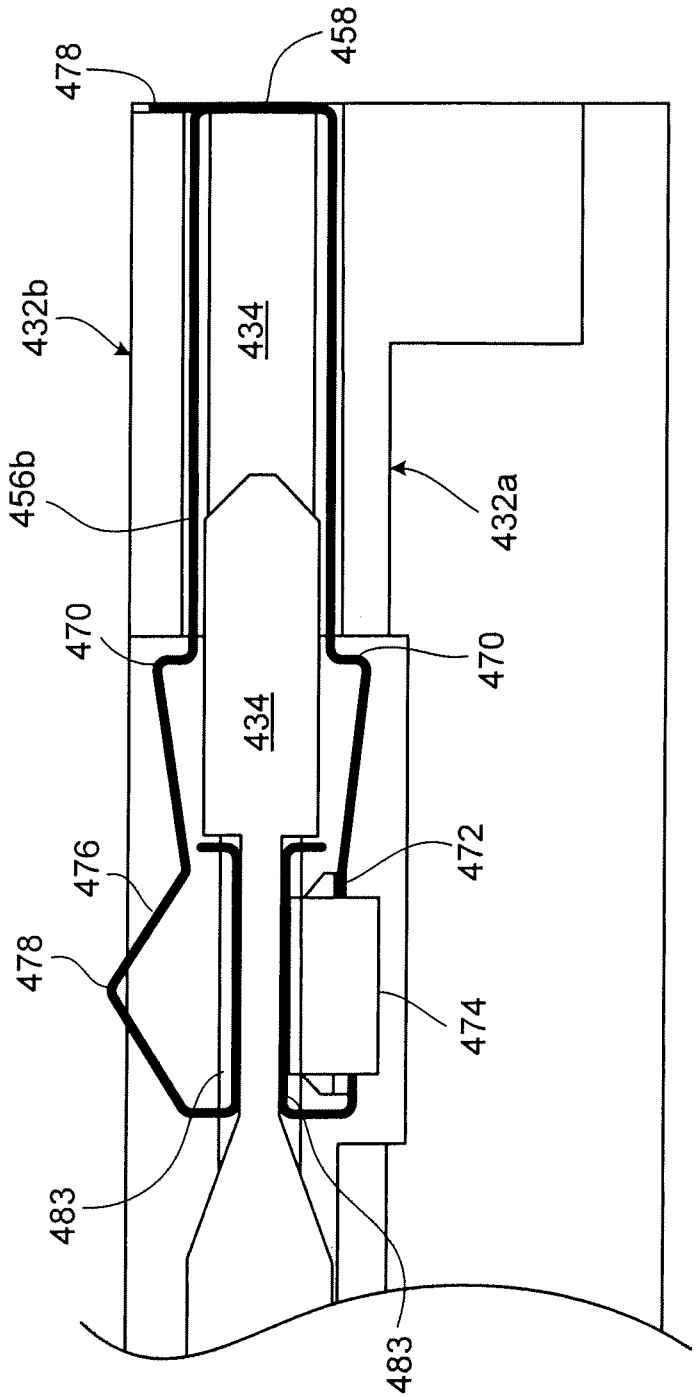


FIG. 16B

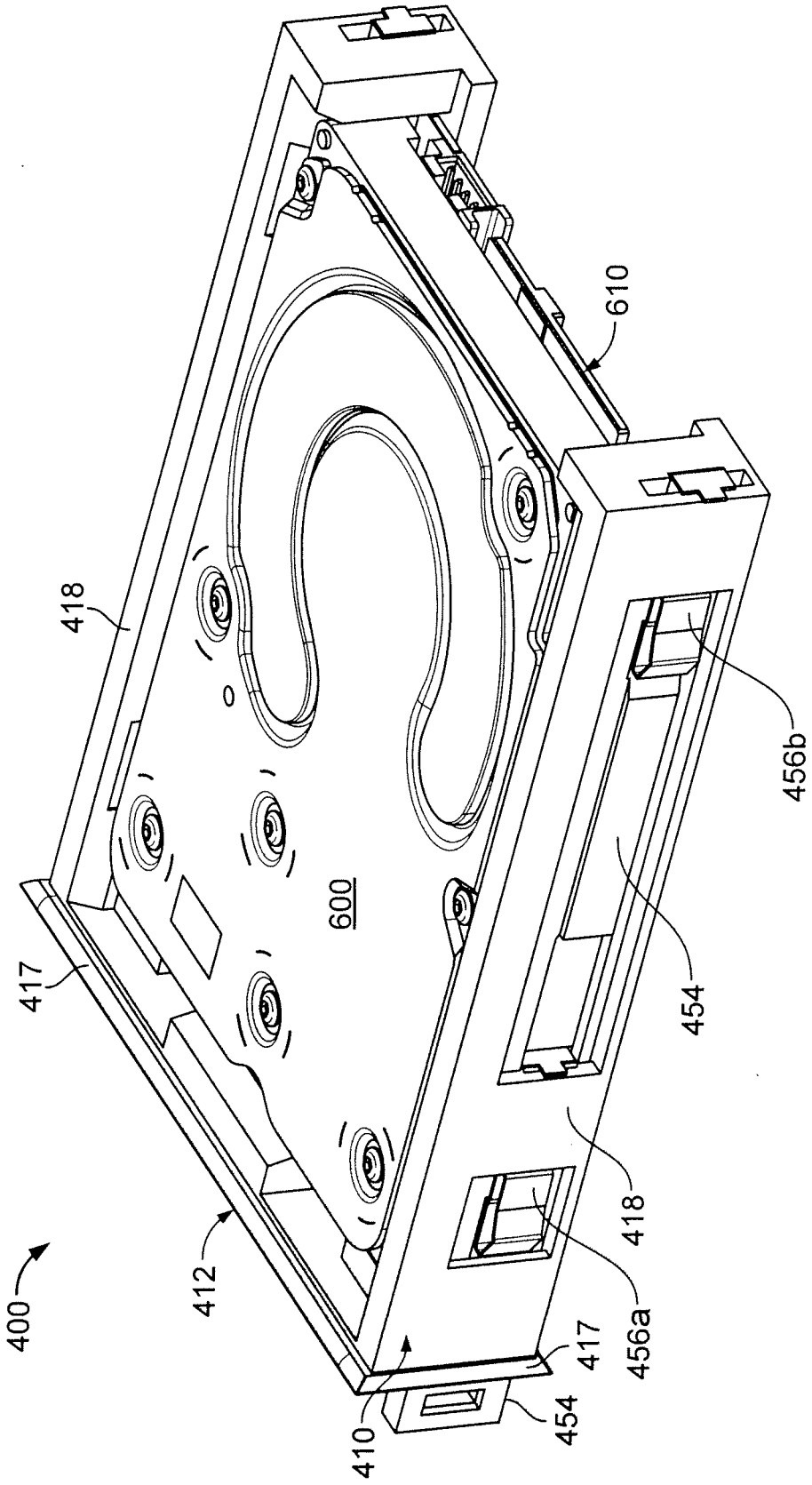


FIG. 17A

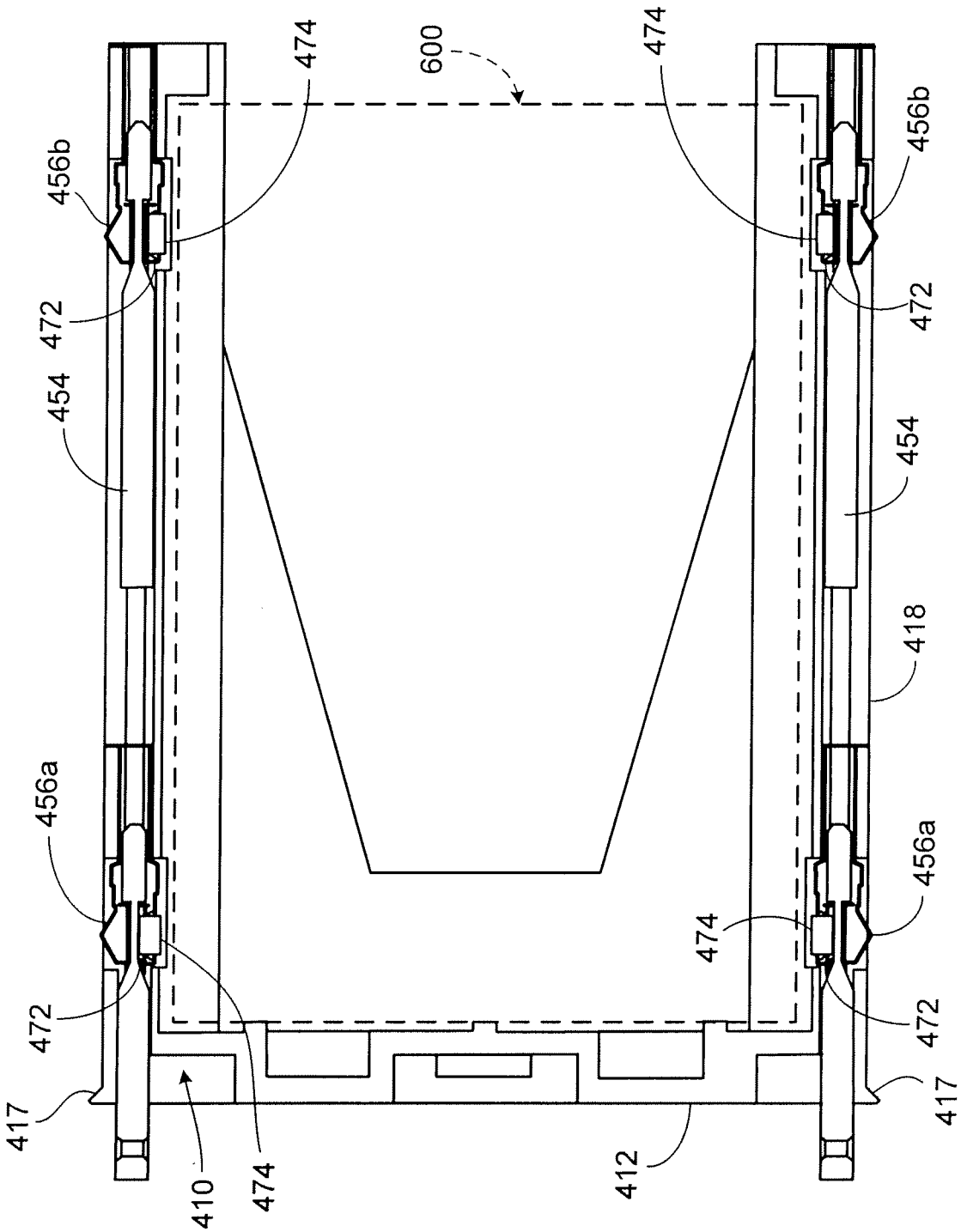

600
474
474
456b
456b
472
472
454
454
418
456a
456a
474
472
472
417
417
410
474
412

FIG. 17B

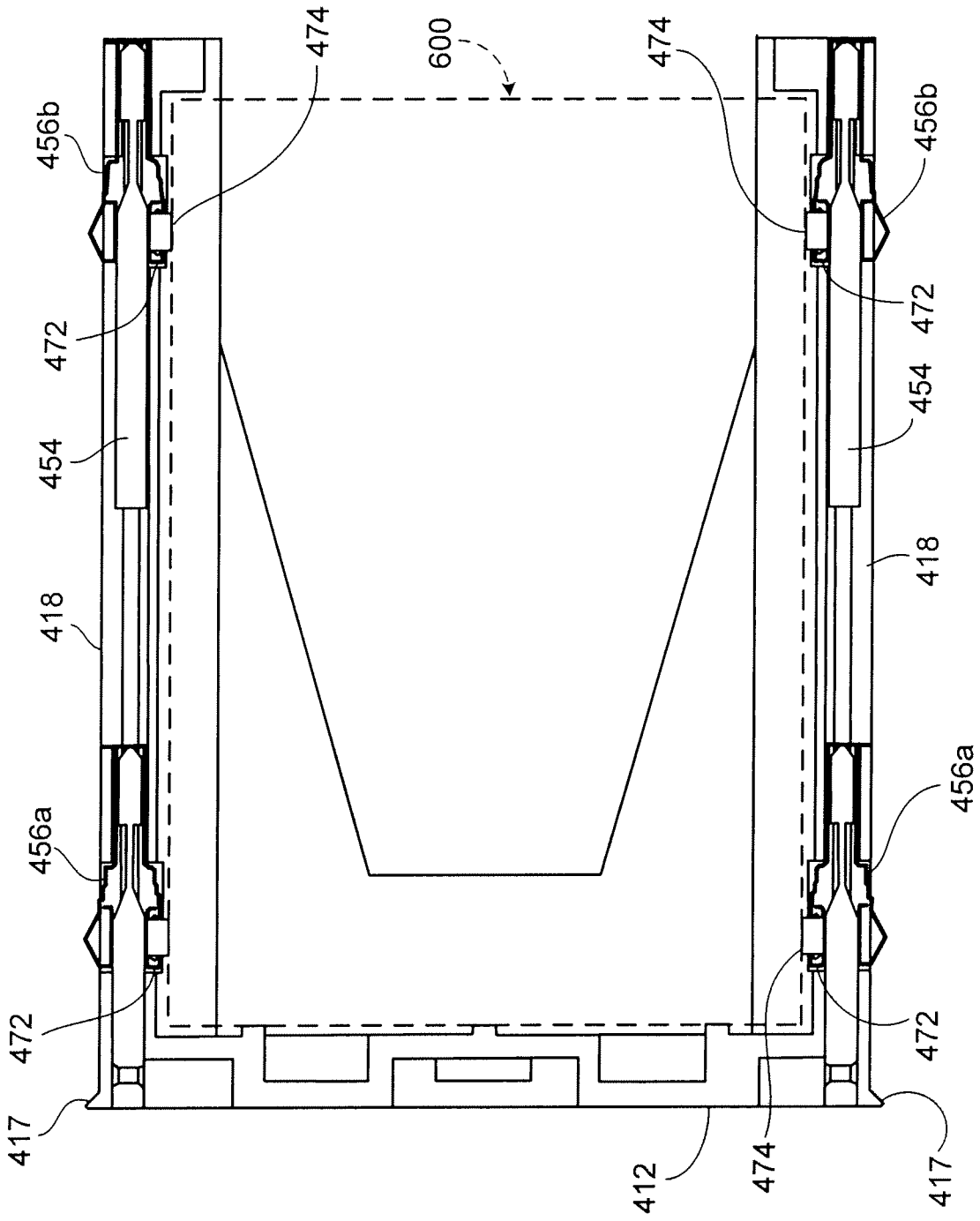

600
474
474
456b
456b
472
472
454
454
418
418
456a
456a
472
472
417
417
412
474

FIG. 18

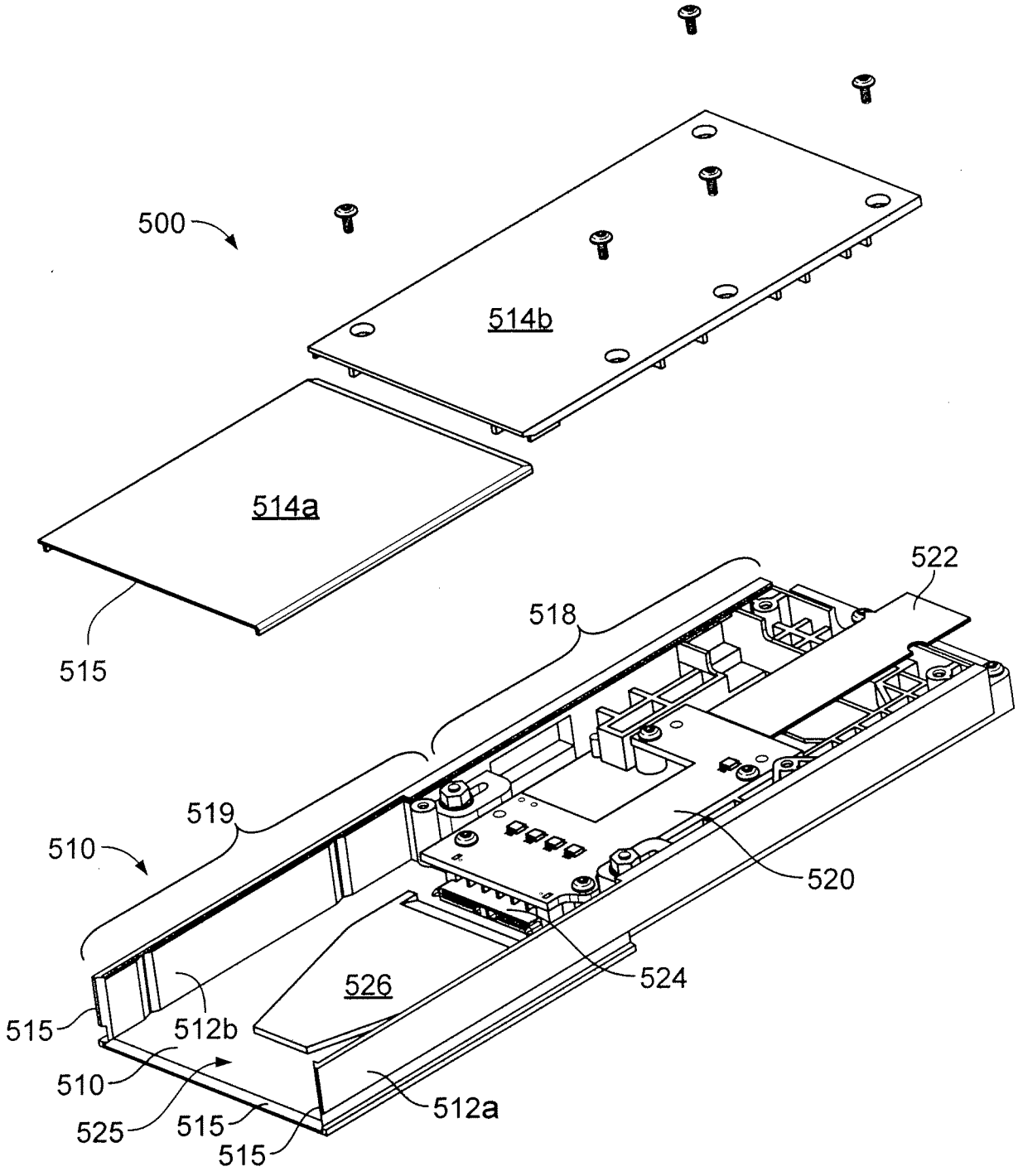

500
514b
514a
515
518
522
519
510
520
526
524
515
512b
510
525
515
515
512a

FIG. 19A

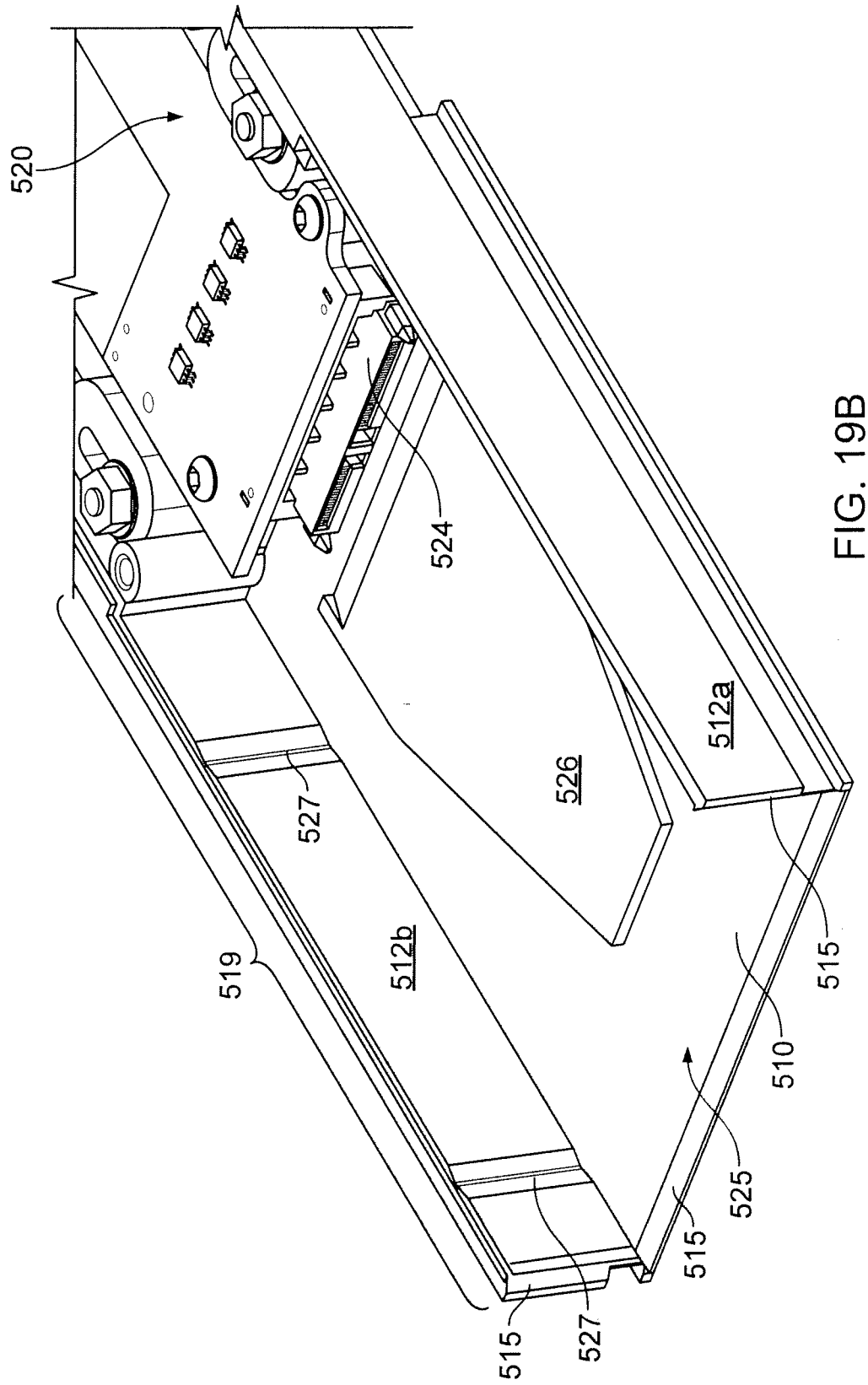


FIG. 19B

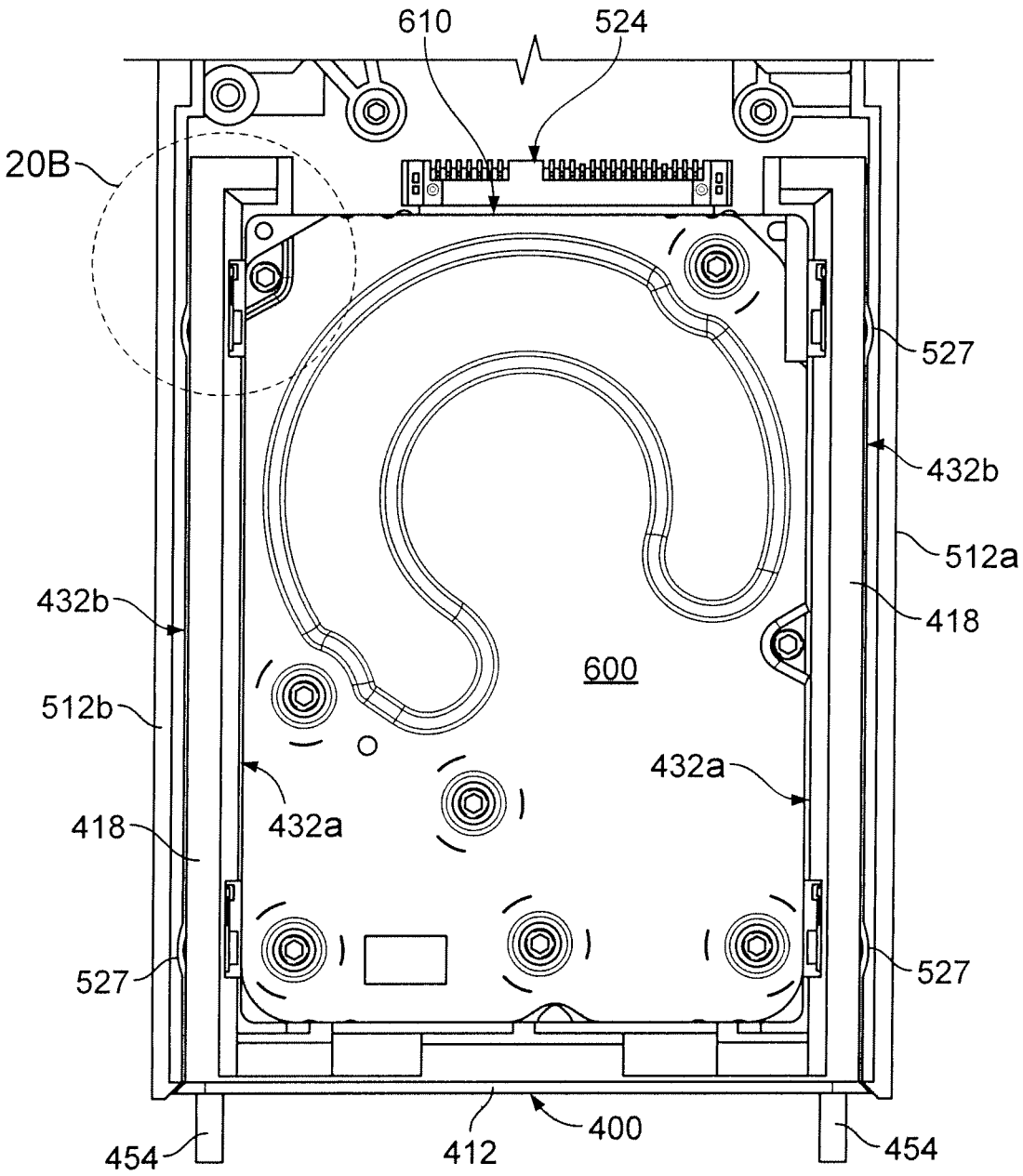

610
524
20B
527
432b
512a
418
600
432b
512b
432a
418
432a
527
527
454
412
400
454

FIG. 20A

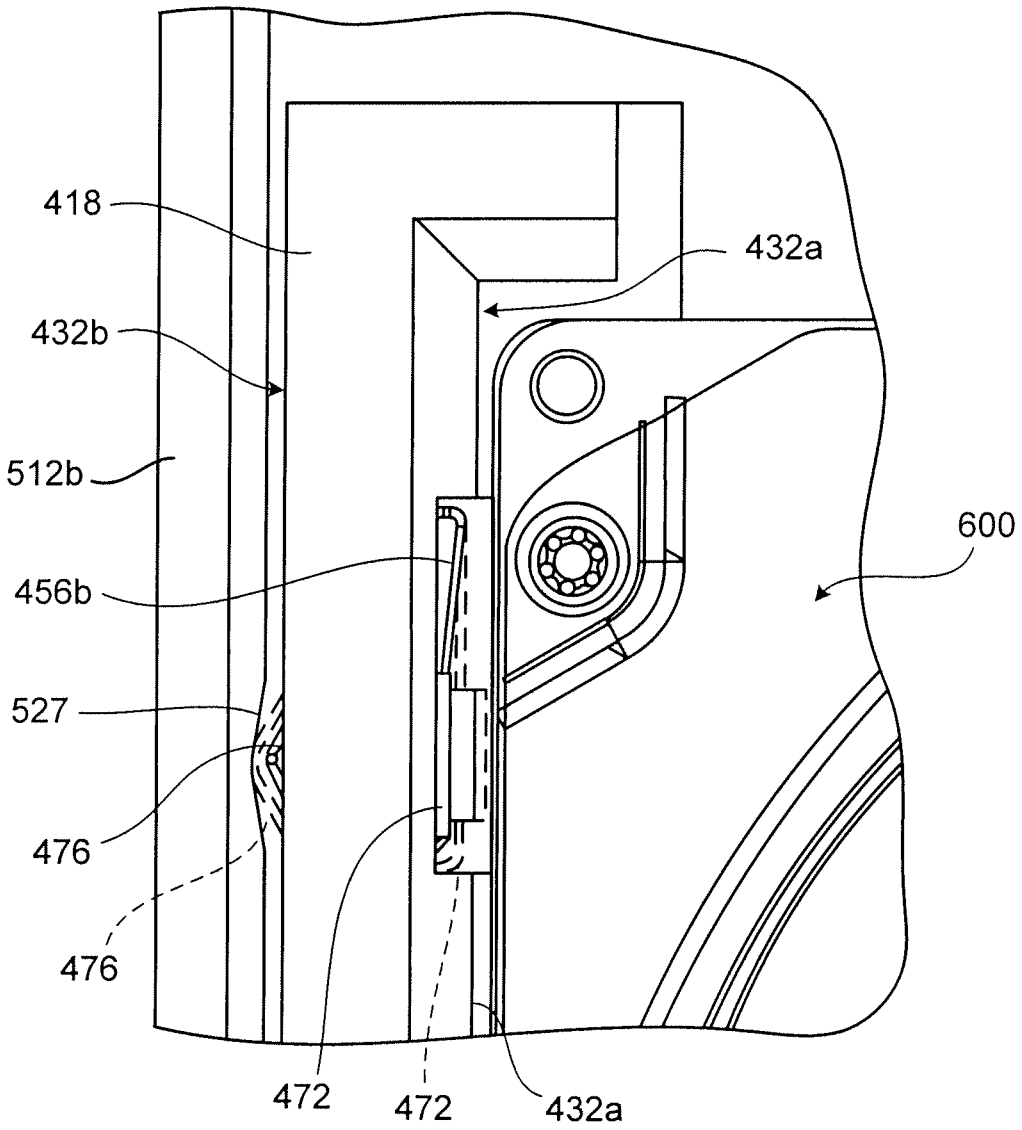


FIG. 20B

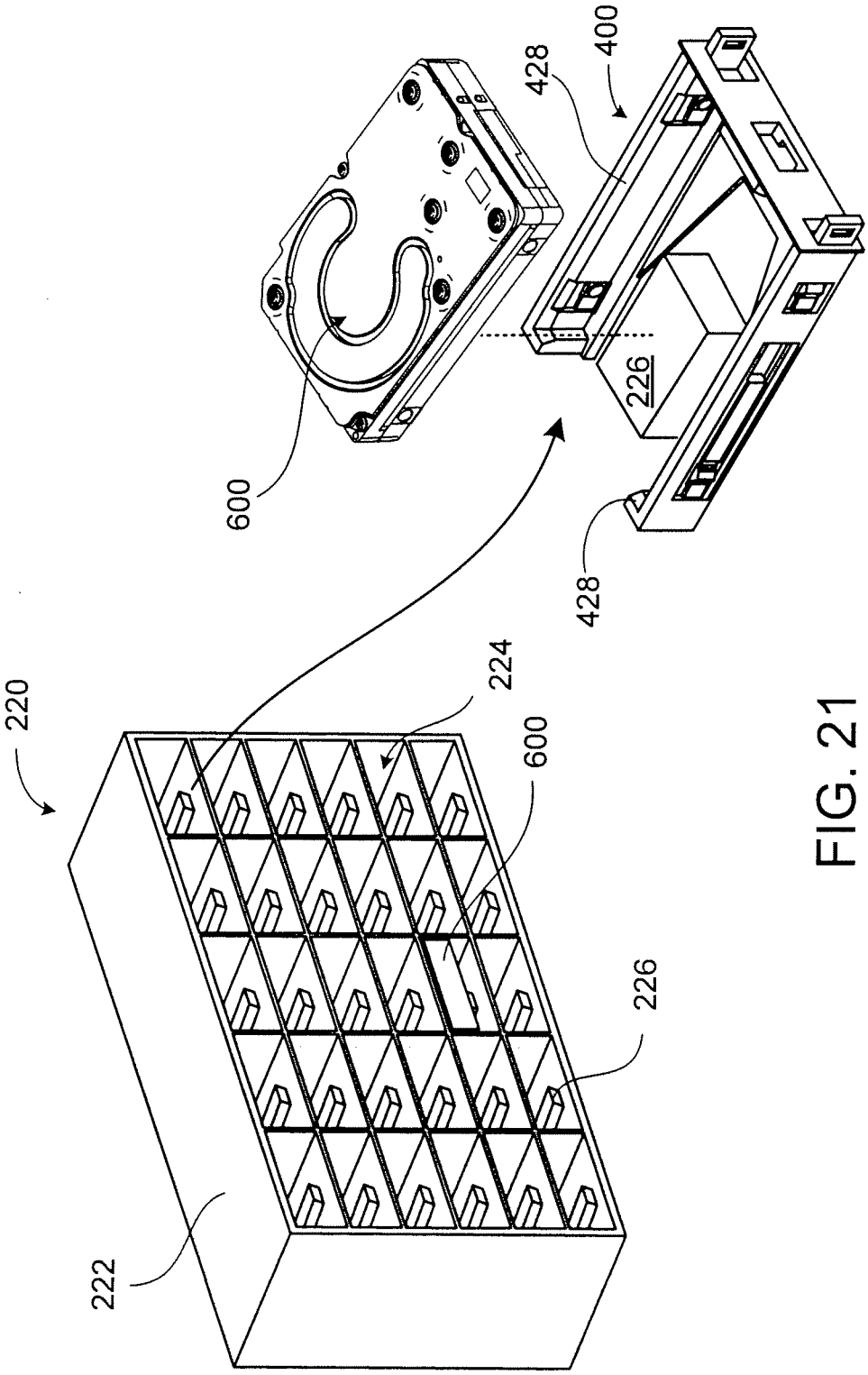


FIG. 21

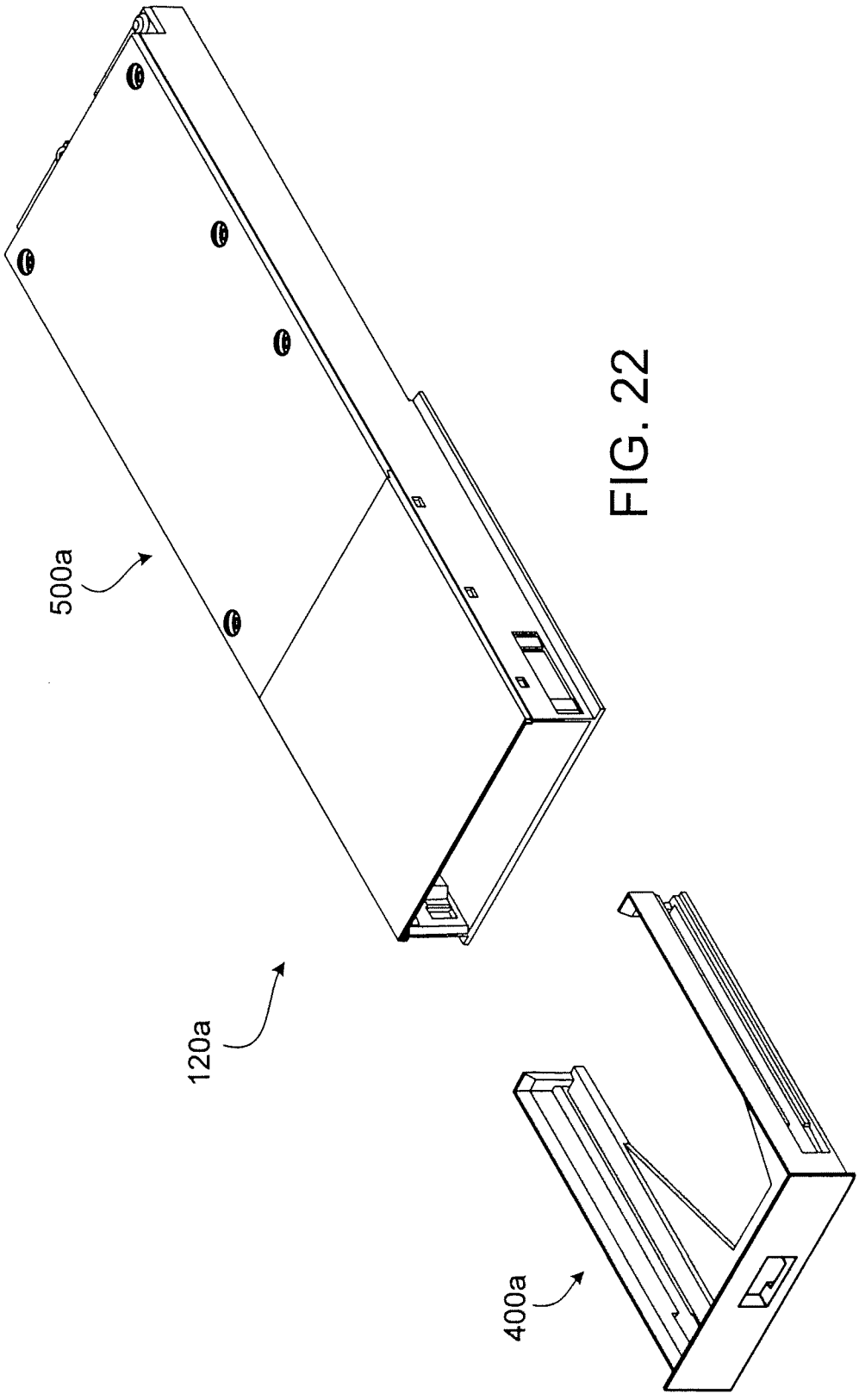


FIG. 22

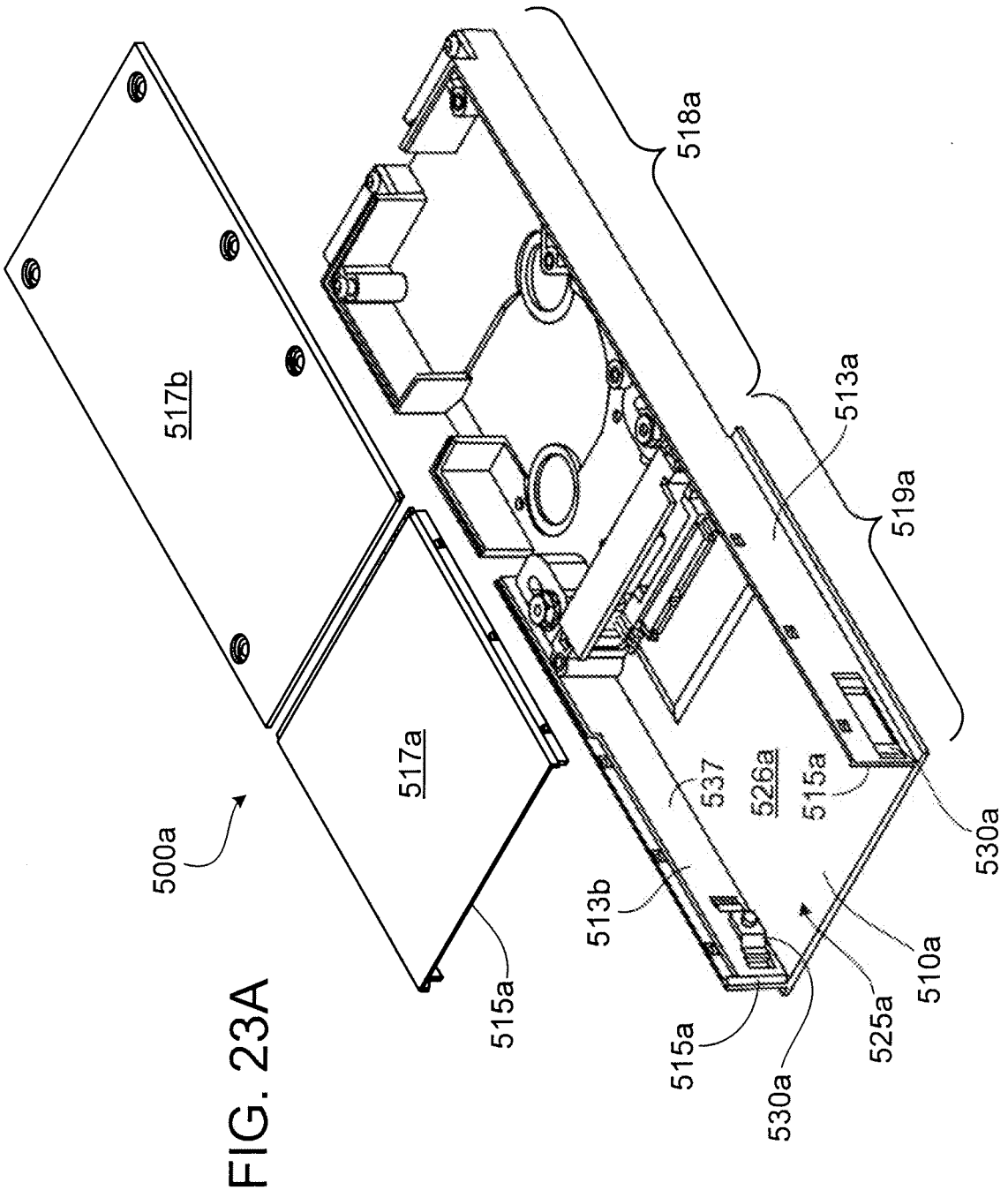

518a
513a
519a
517b
517a
500a
537
526a
515a
530a
513b
515a
515a
530a
525a
510a

FIG. 23A

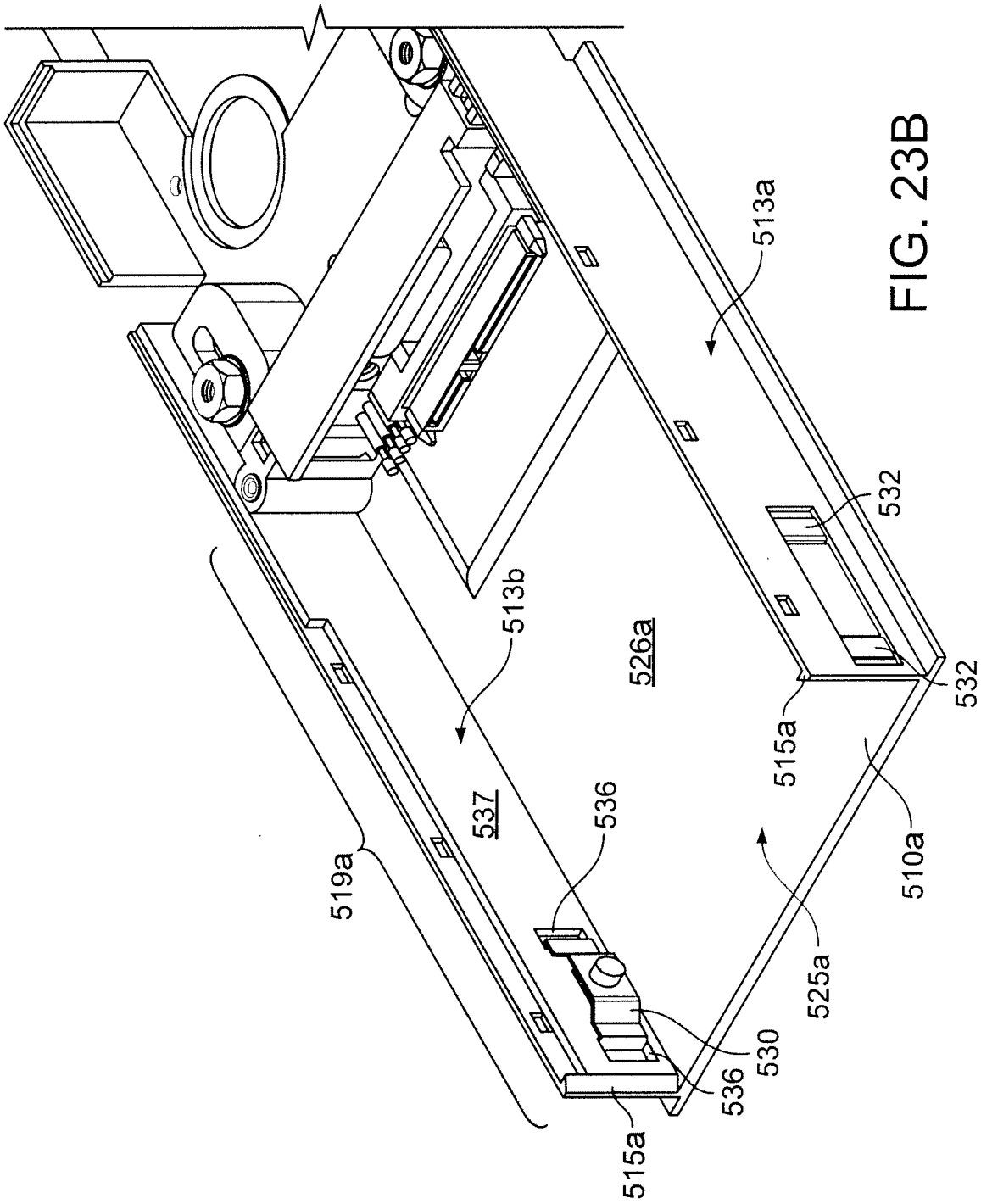

513a
532
513b
526a
532
515a
537
536
510a
519a
525a
530
536
515a

FIG. 23B

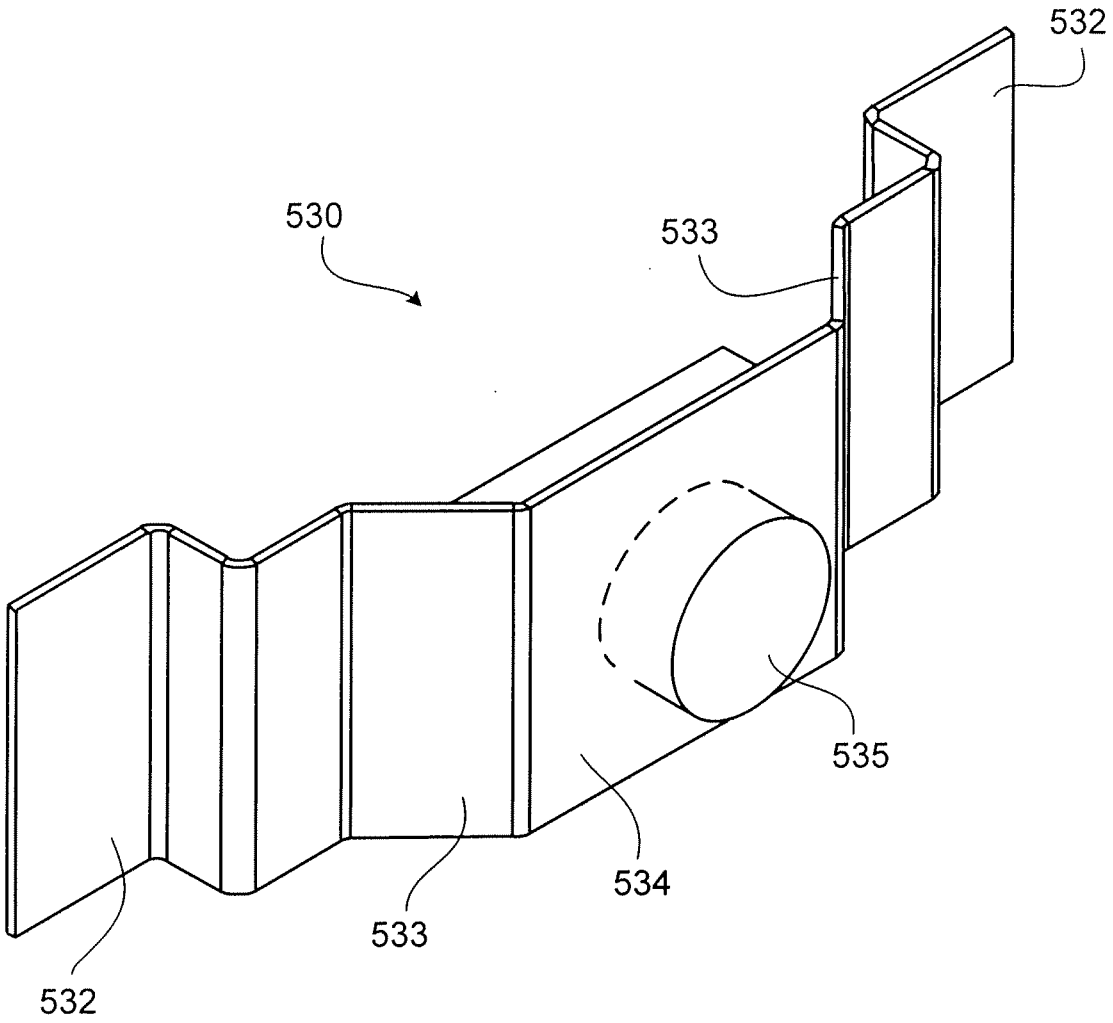


FIG. 24

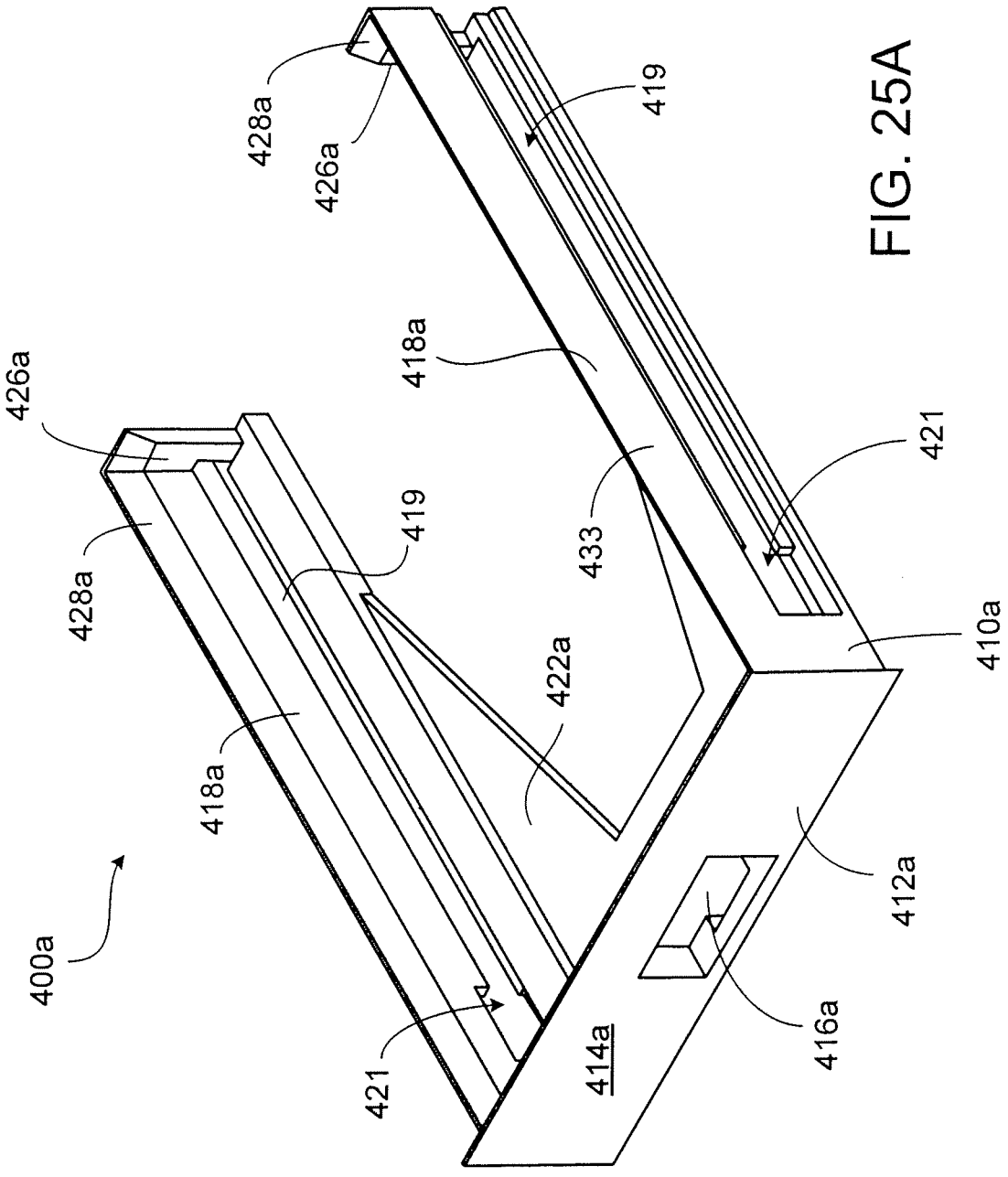

428a
426a
419
418a
426a
421
428a
419
433
410a
422a
418a
412a
400a
416a
421
414a

FIG. 25A

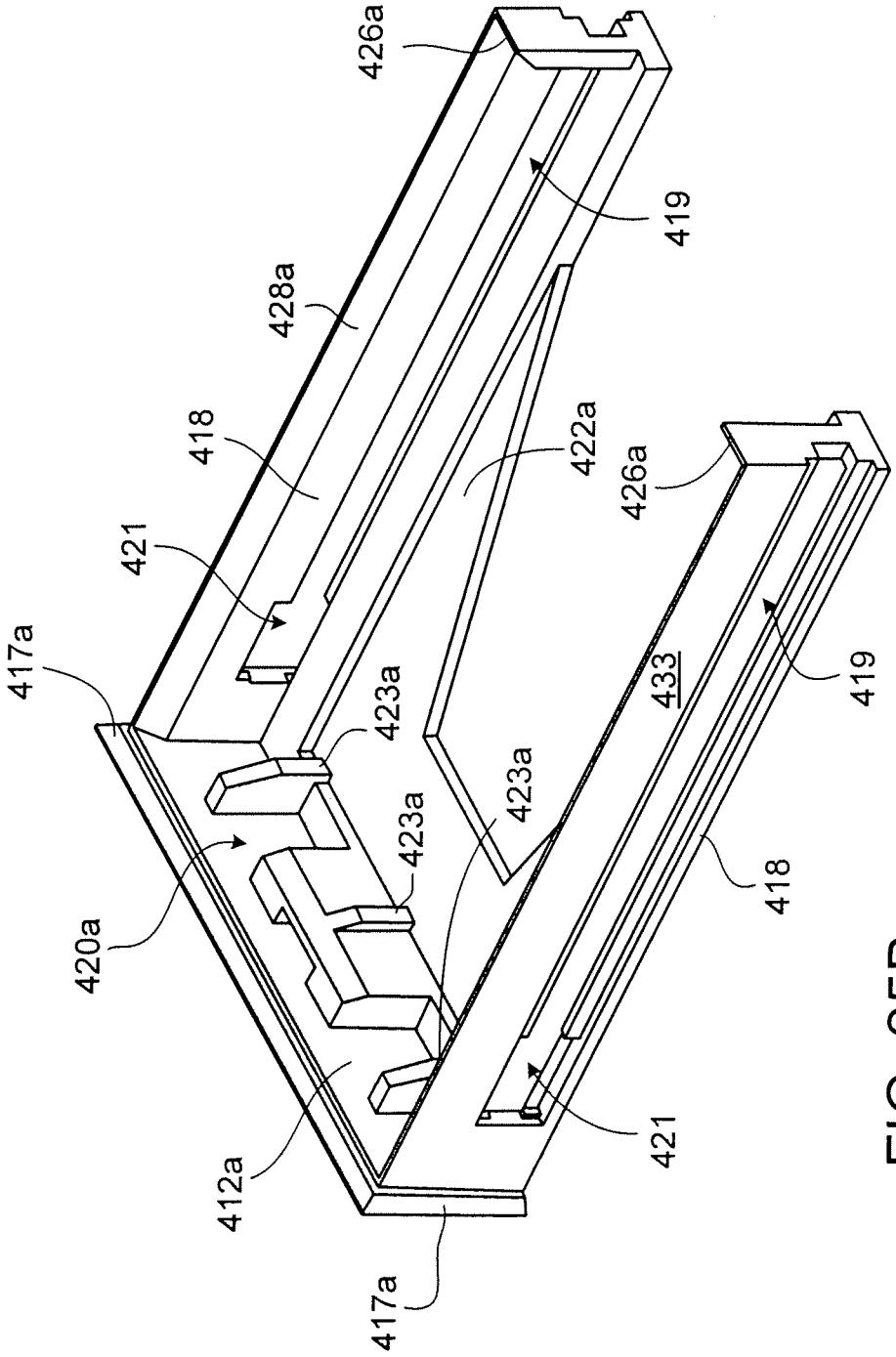

426a
419
428a
418
422a
426a
421
417a
423a
433
419
423a
423a
420a
418
421
412a
417a

FIG. 25B

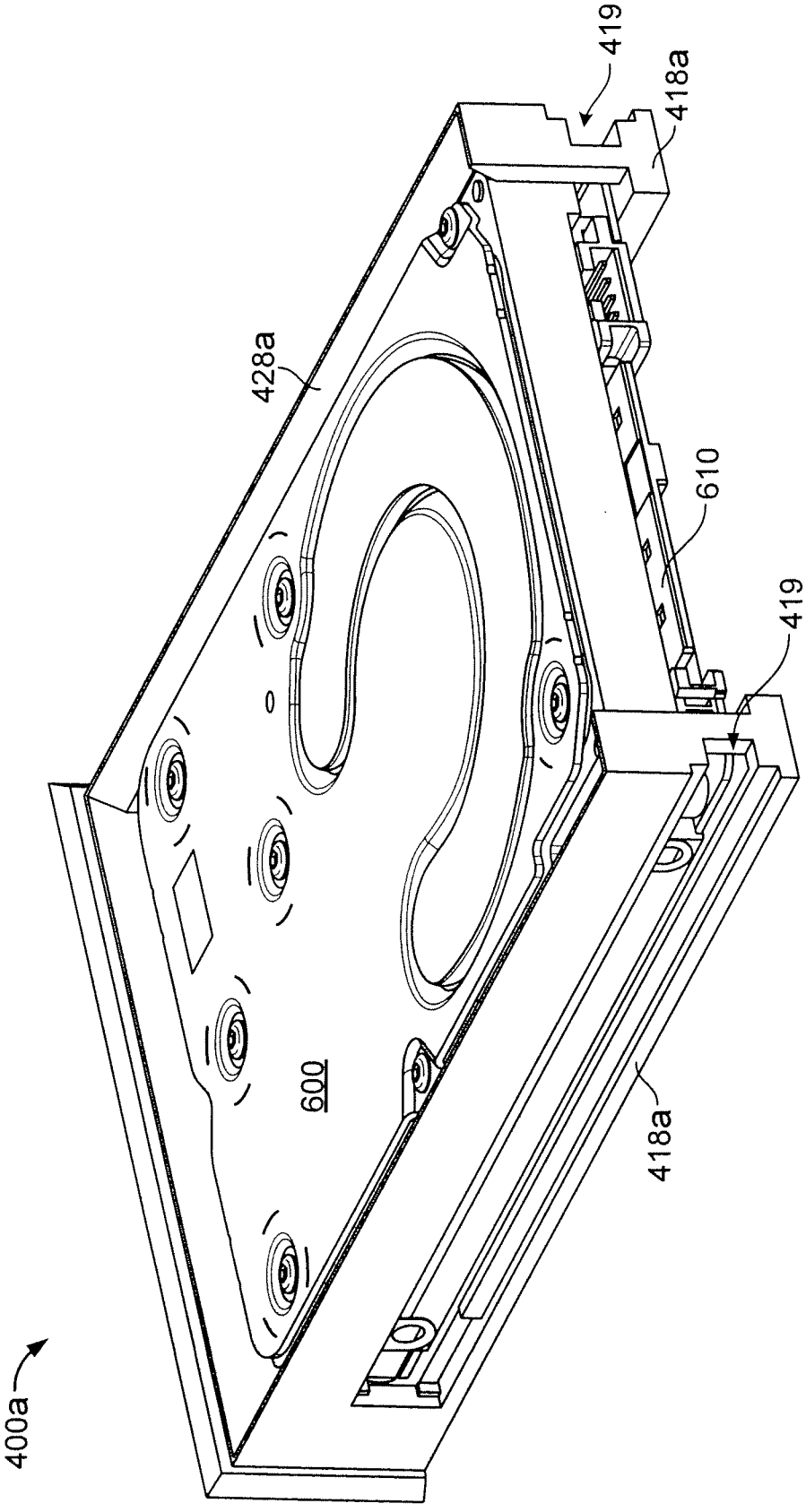


FIG. 25C

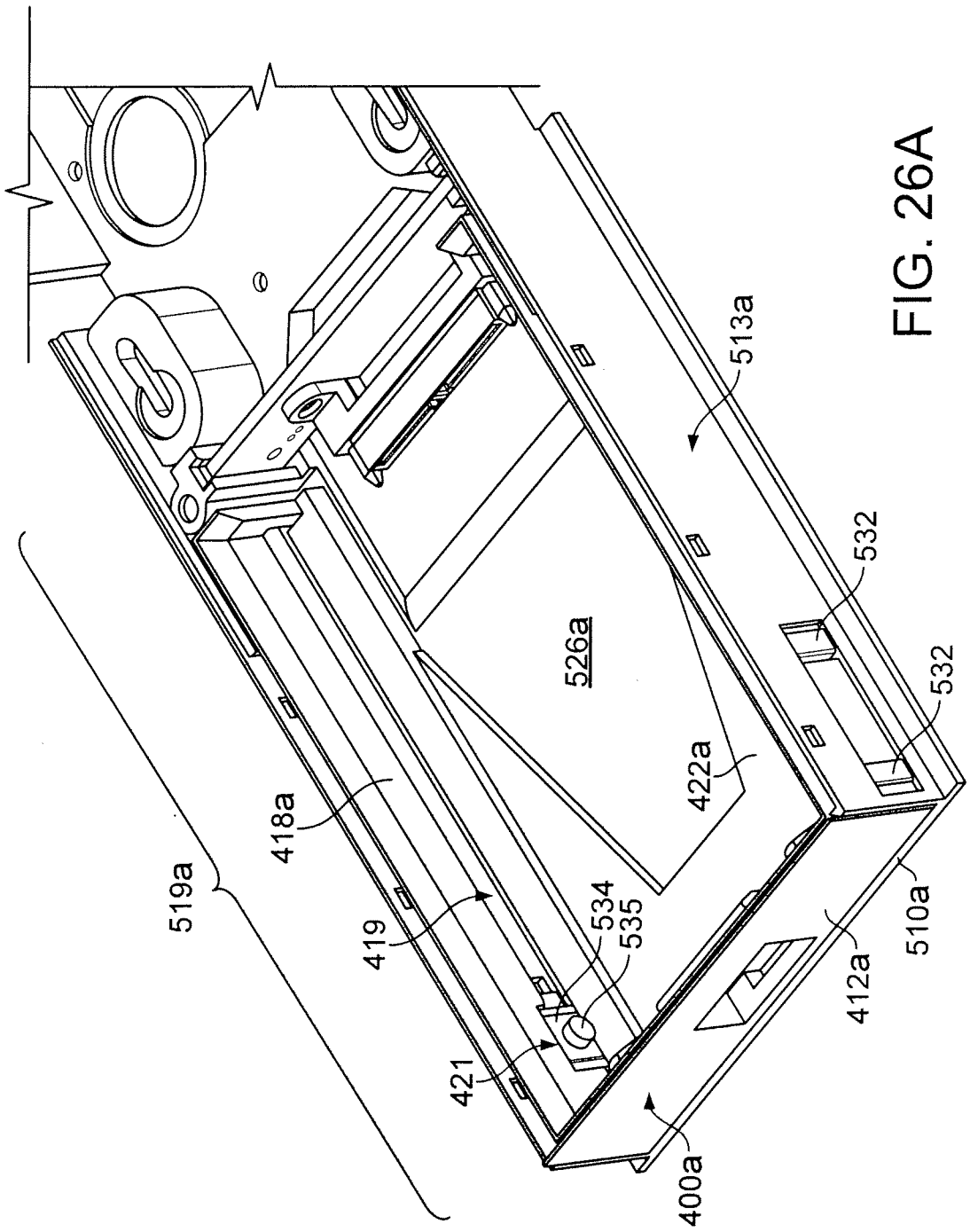

519a
418a
419
421
526a
422a
513a
532
532
534
535
510a
412a
400a

FIG. 26A

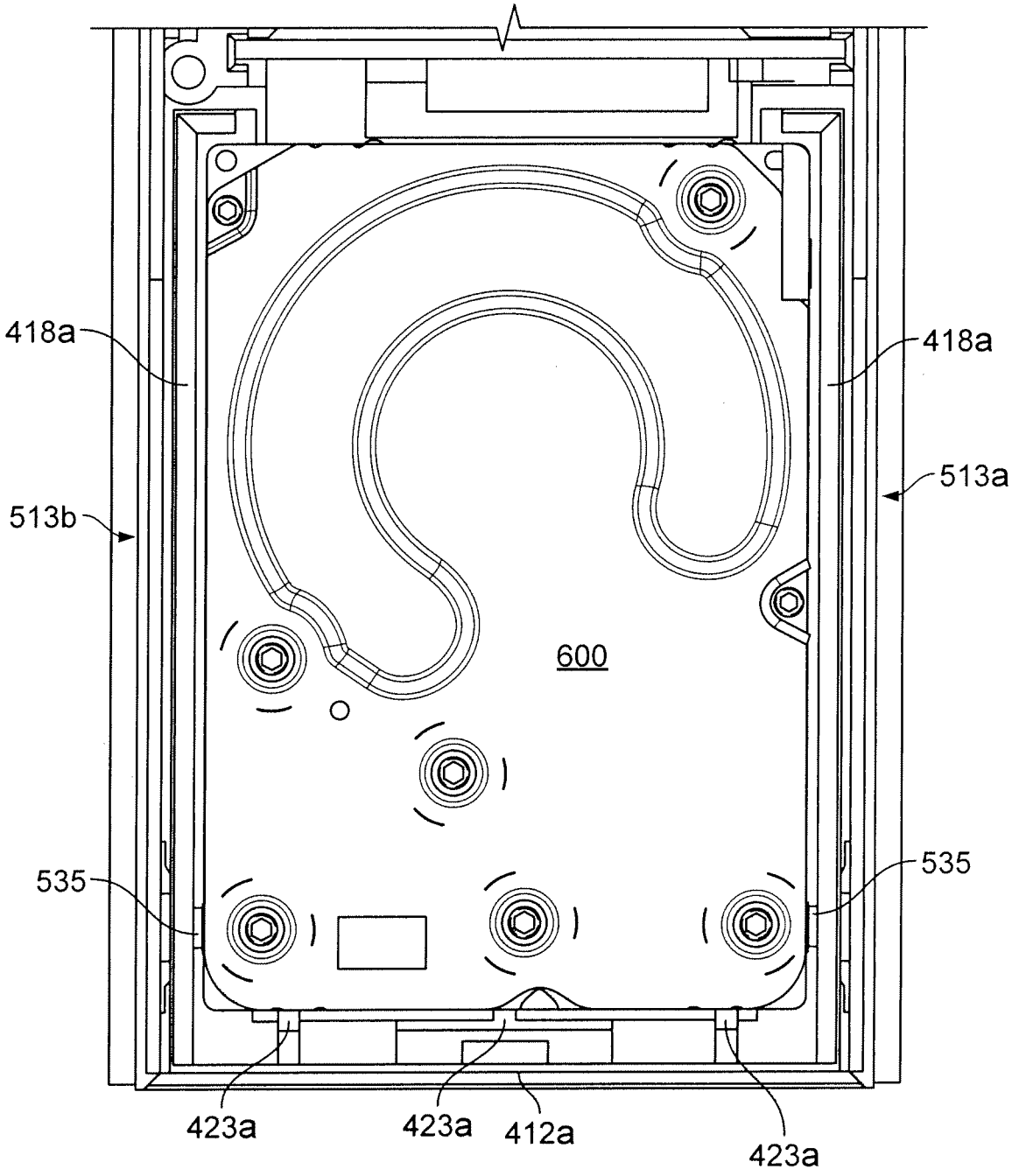


FIG. 26B

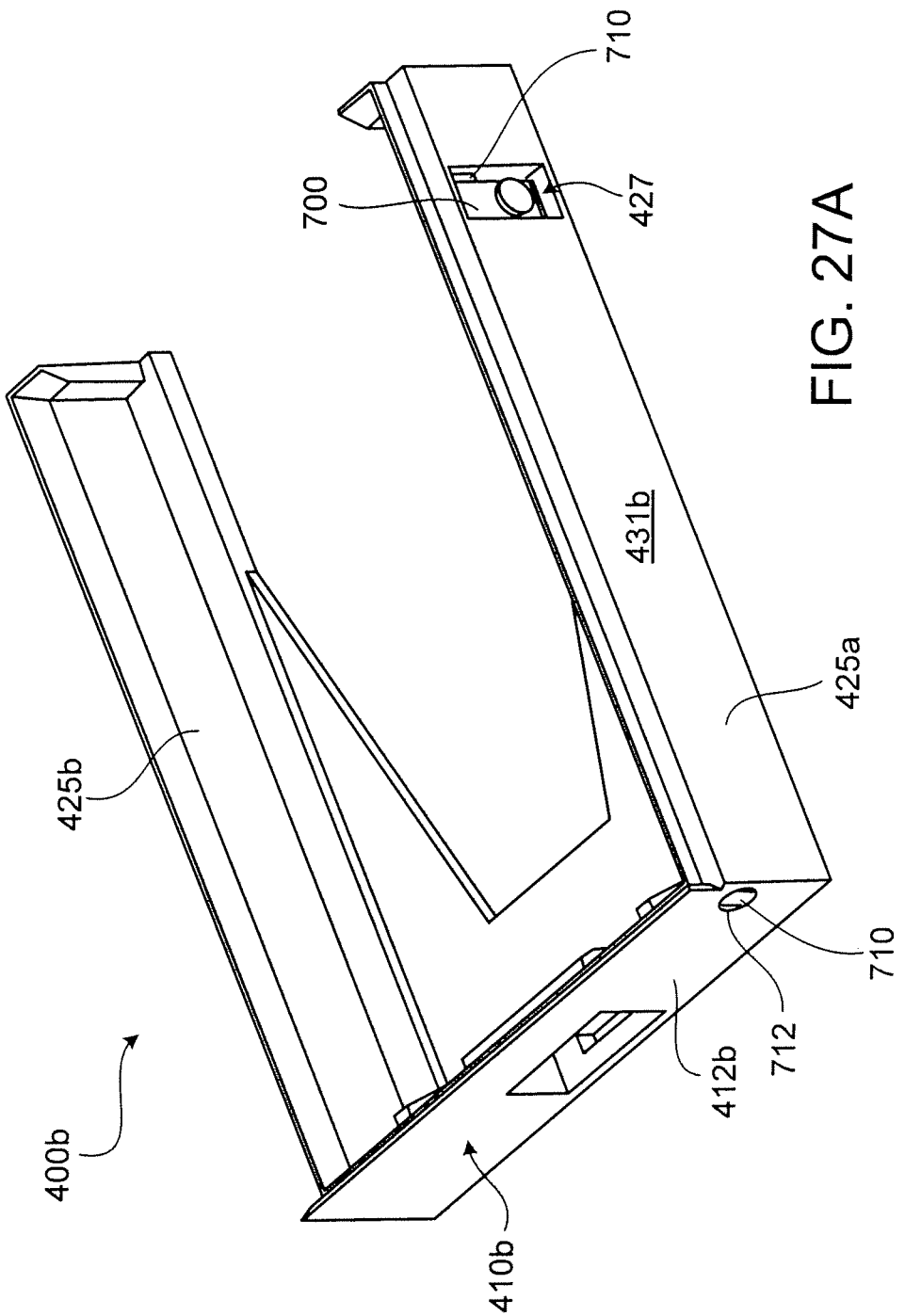


FIG. 27A

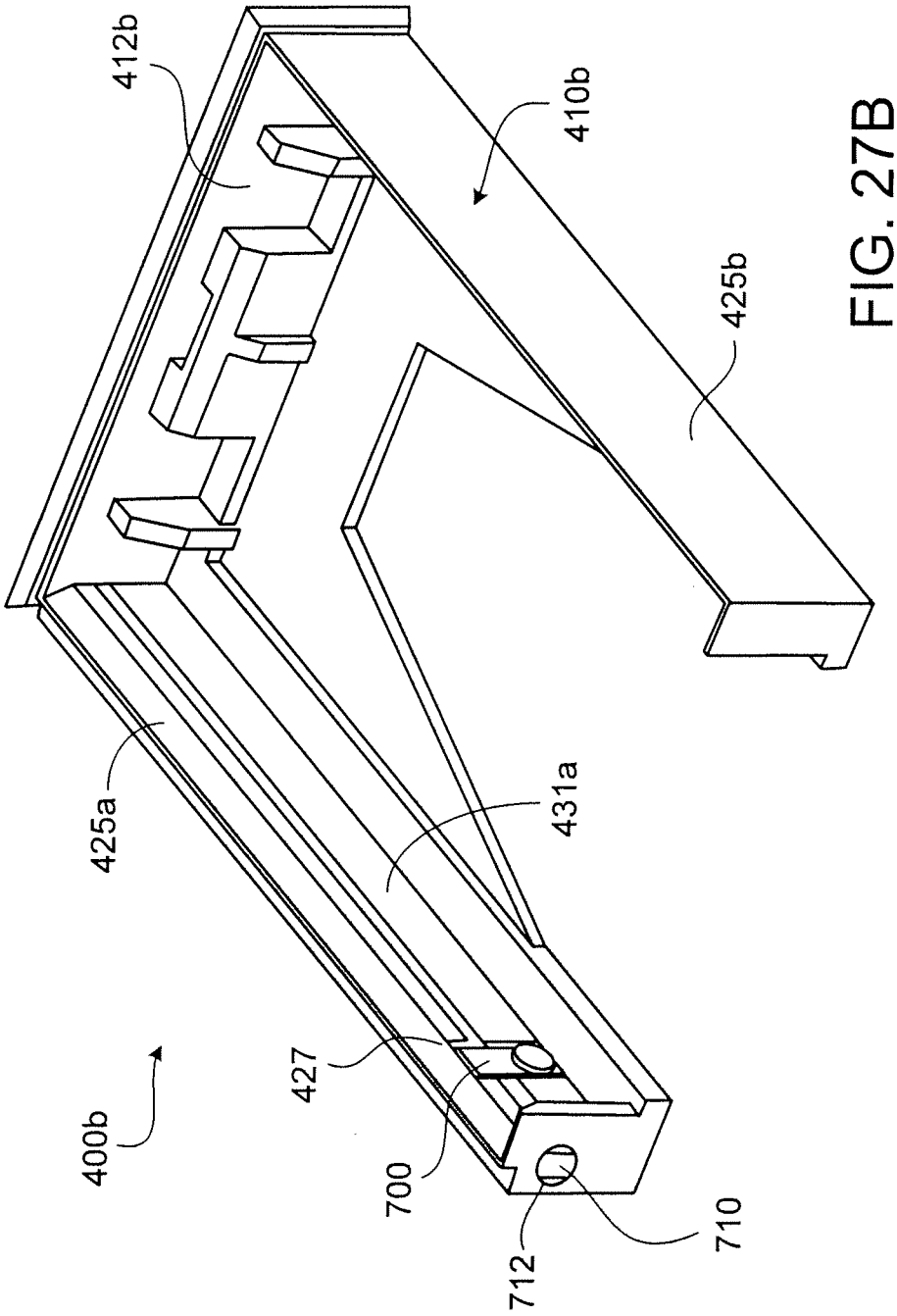


FIG. 27B

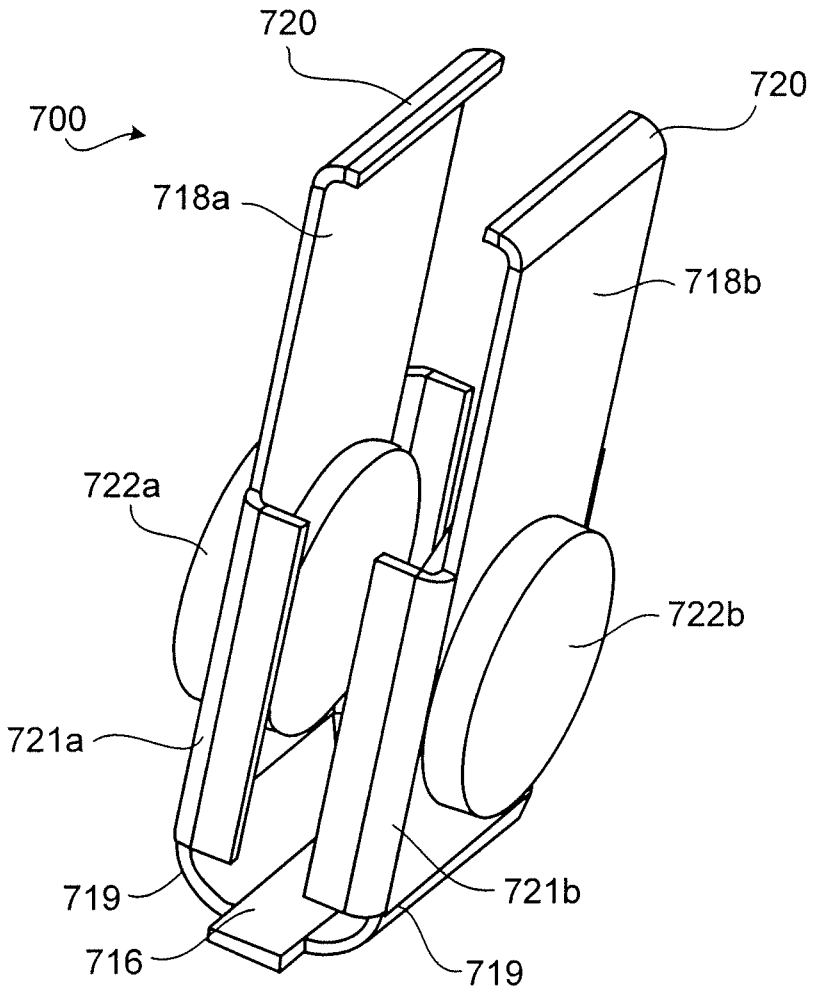


FIG. 28

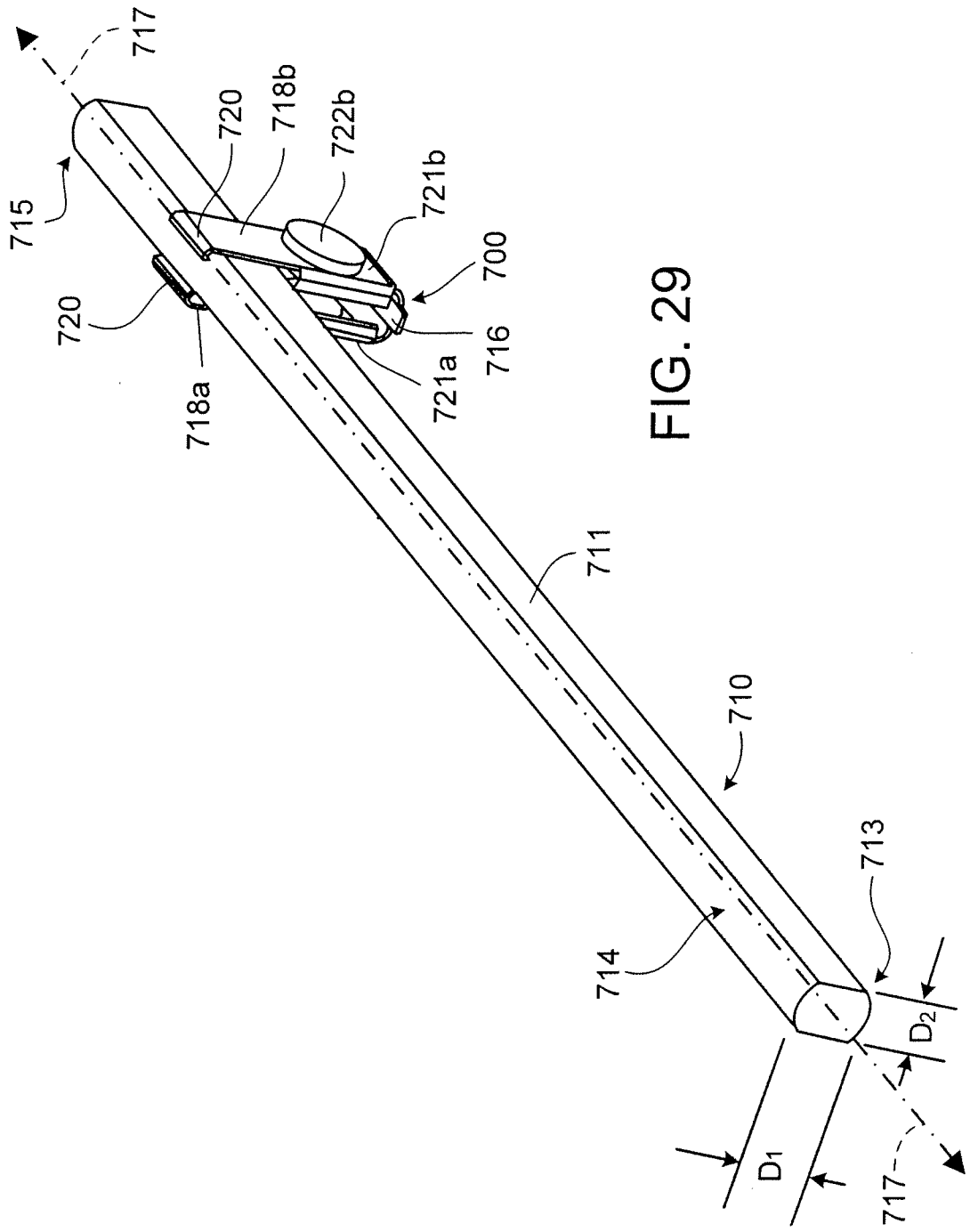

717
715
720
718b
722b
721b
700
720
716
718a
721a
711
710
713
714
D2
D1
717

FIG. 29

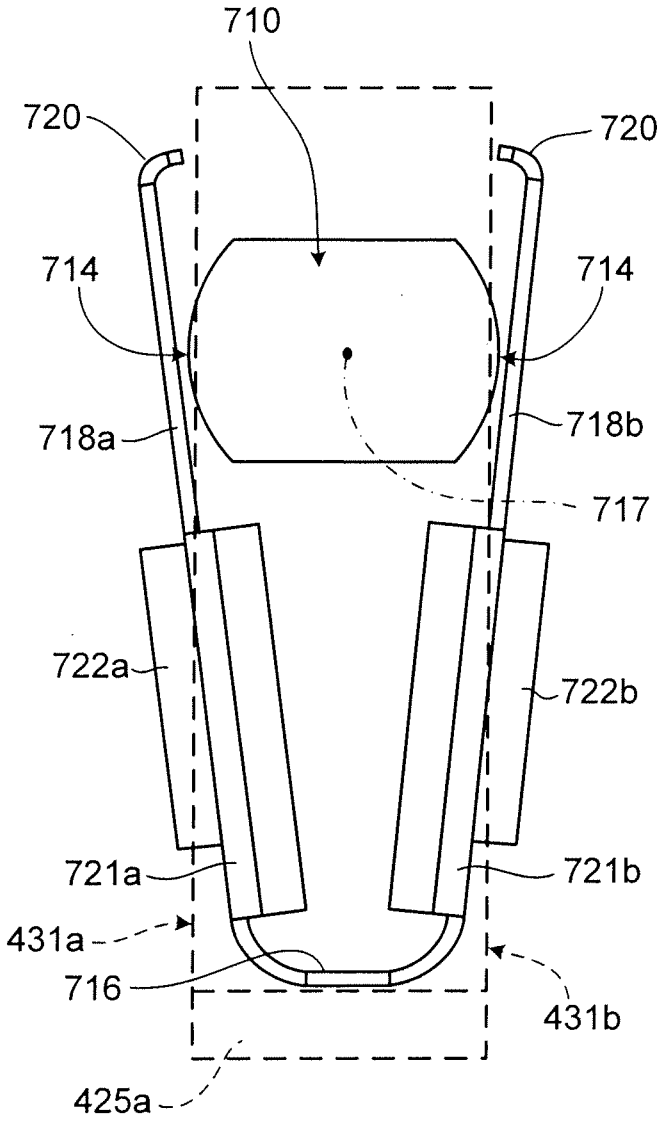

710
720
720
714
714
718a
718b
717
722a
722b
721a
721b
431a
716
431b
425a

FIG. 30A

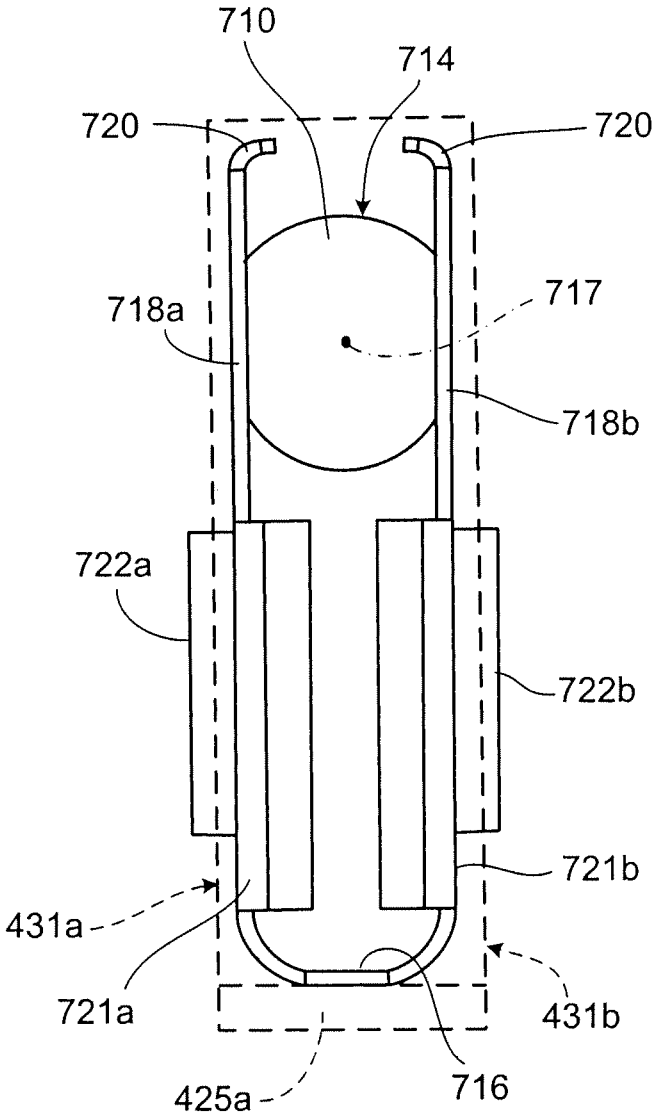

710
714
720
720
718a
717
718b
722a
722b
721b
431a
721a
431b
425a
716

FIG. 30B

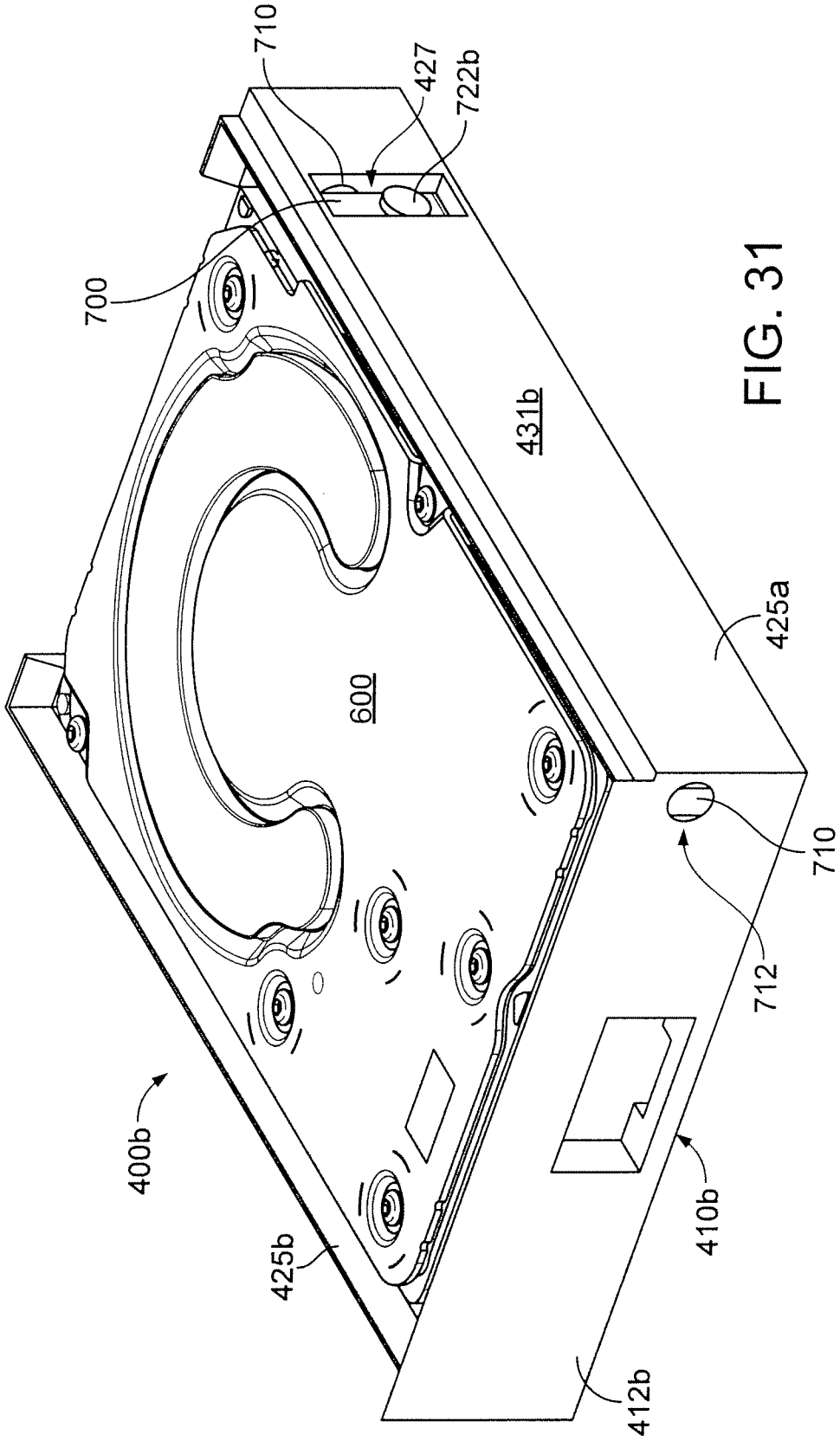


FIG. 31

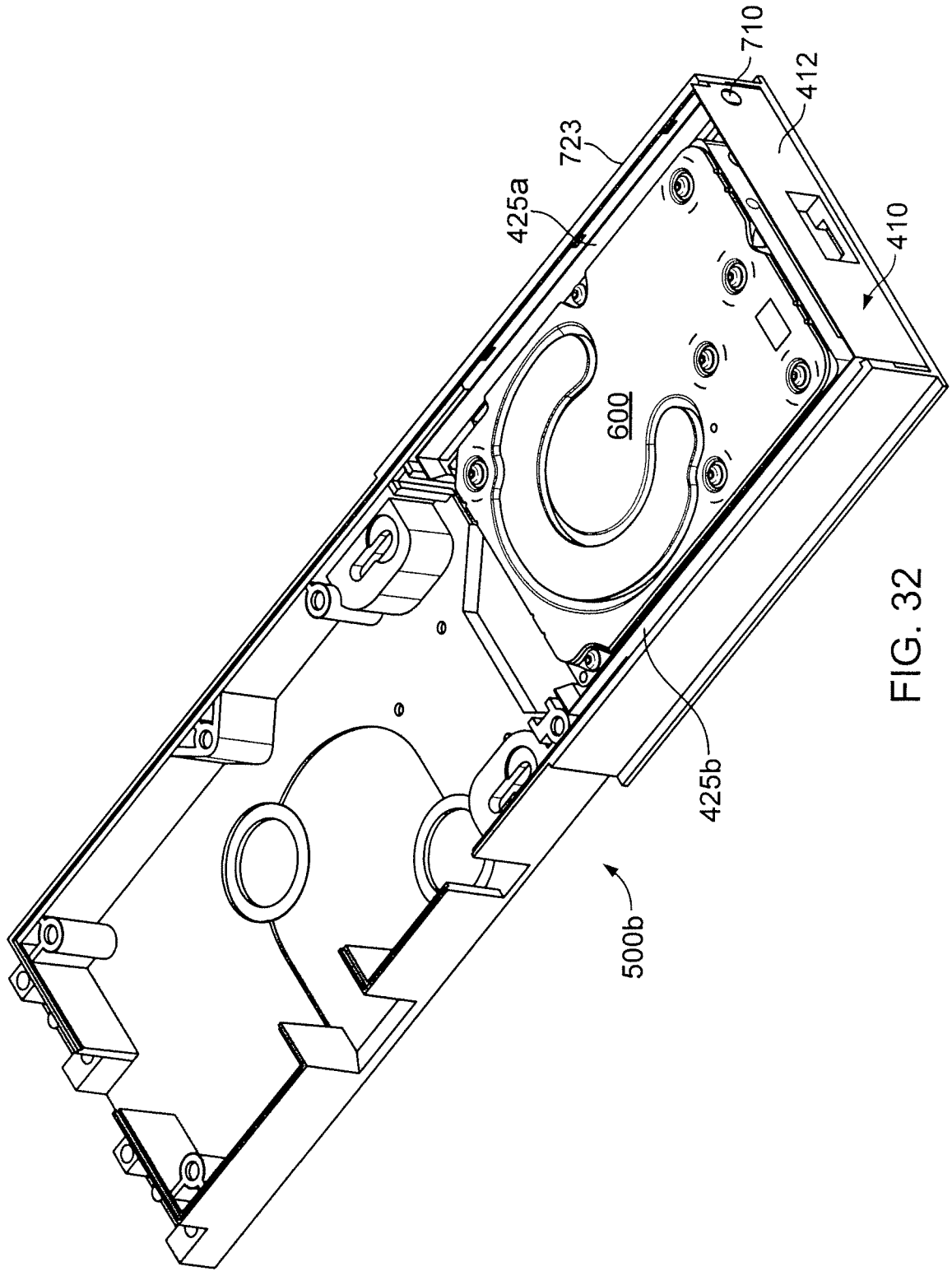


FIG. 32

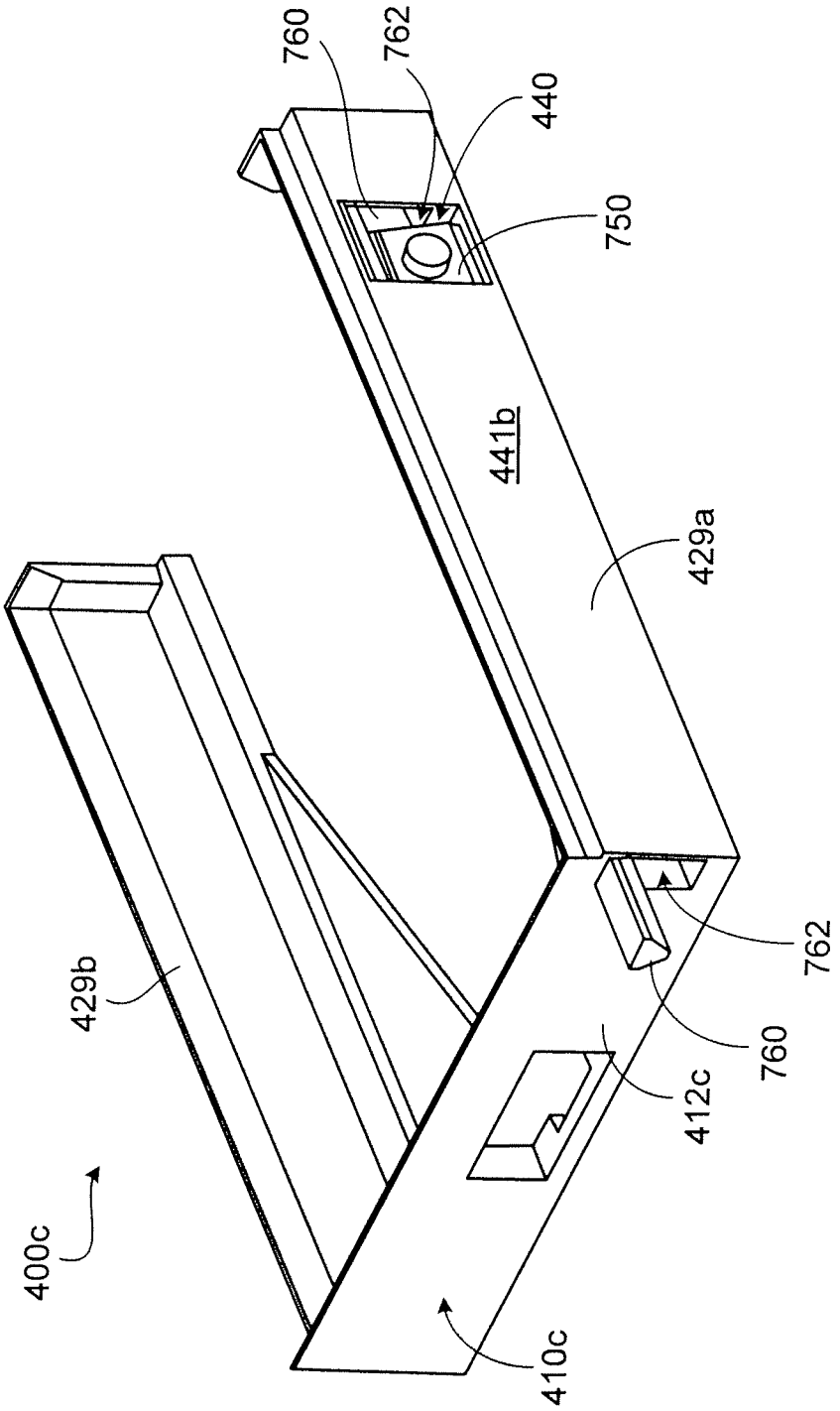


FIG. 33A

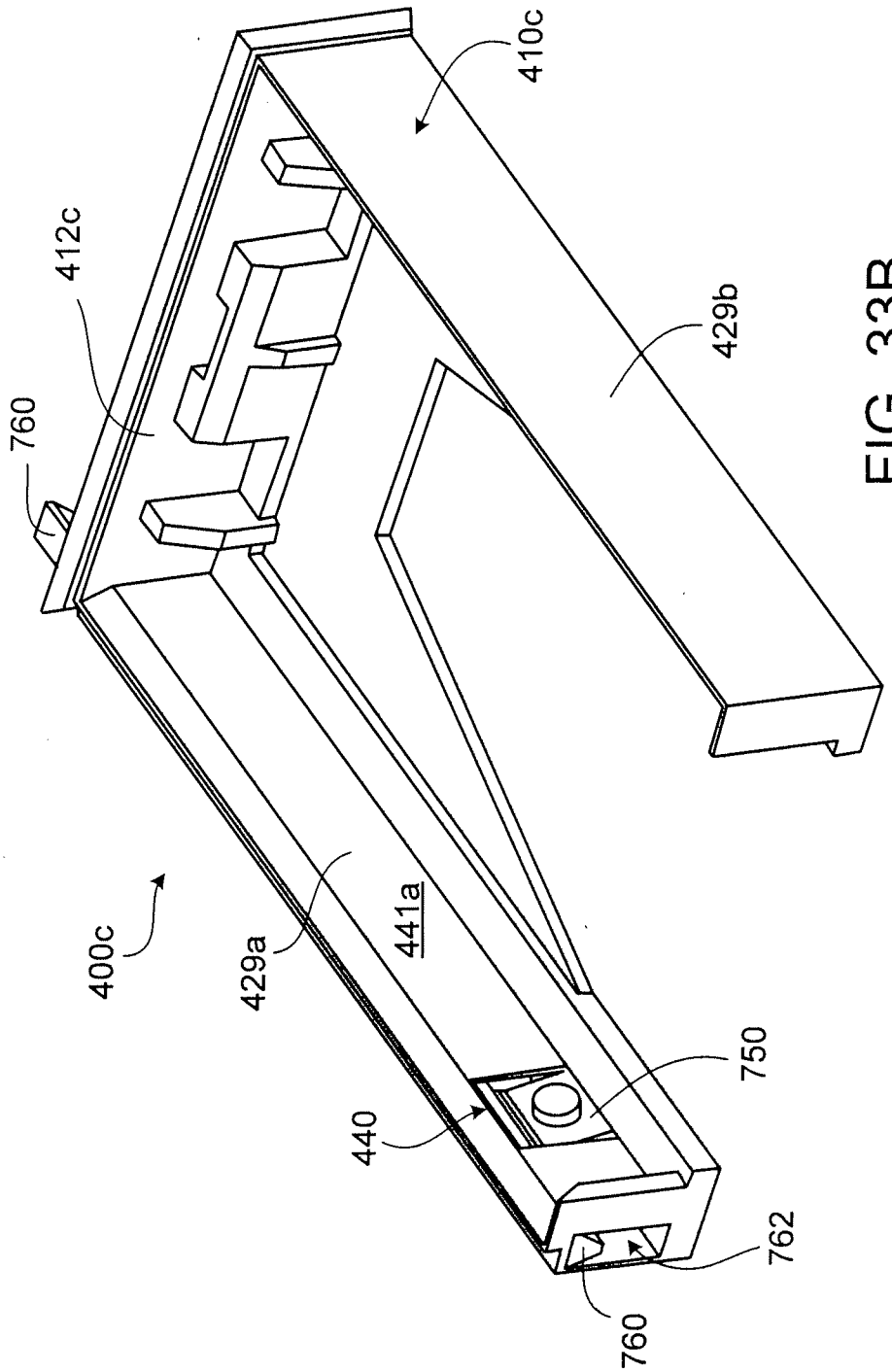


FIG. 33B

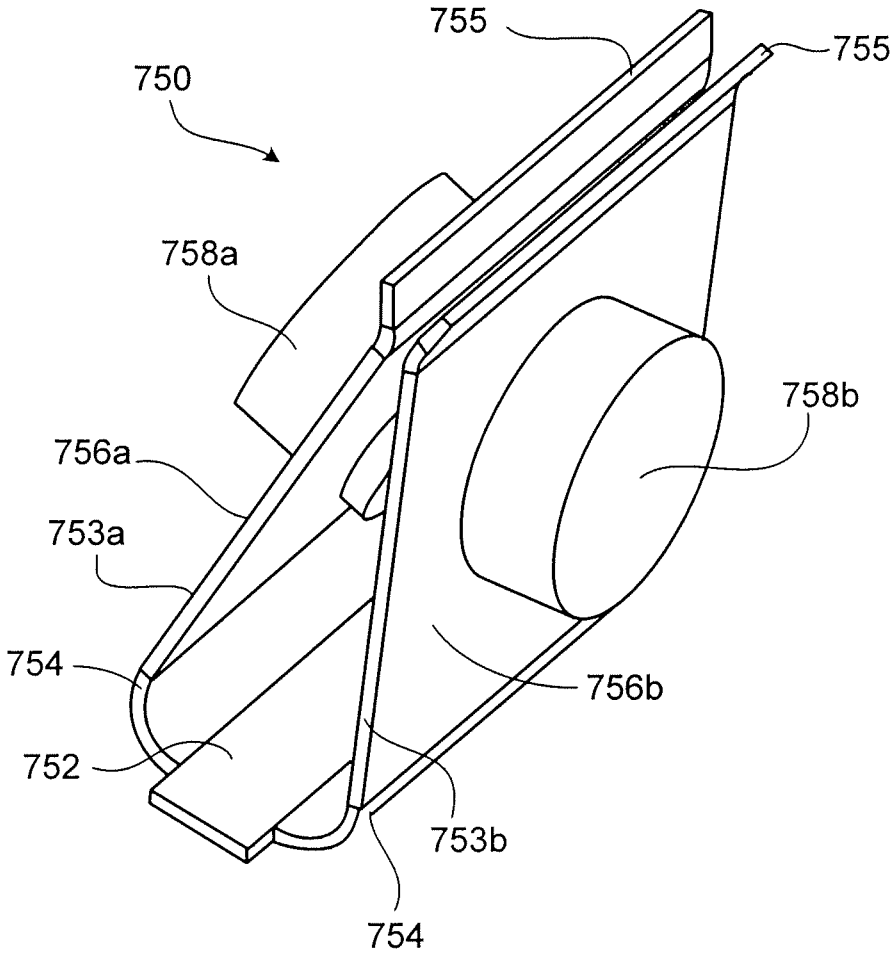


FIG. 34

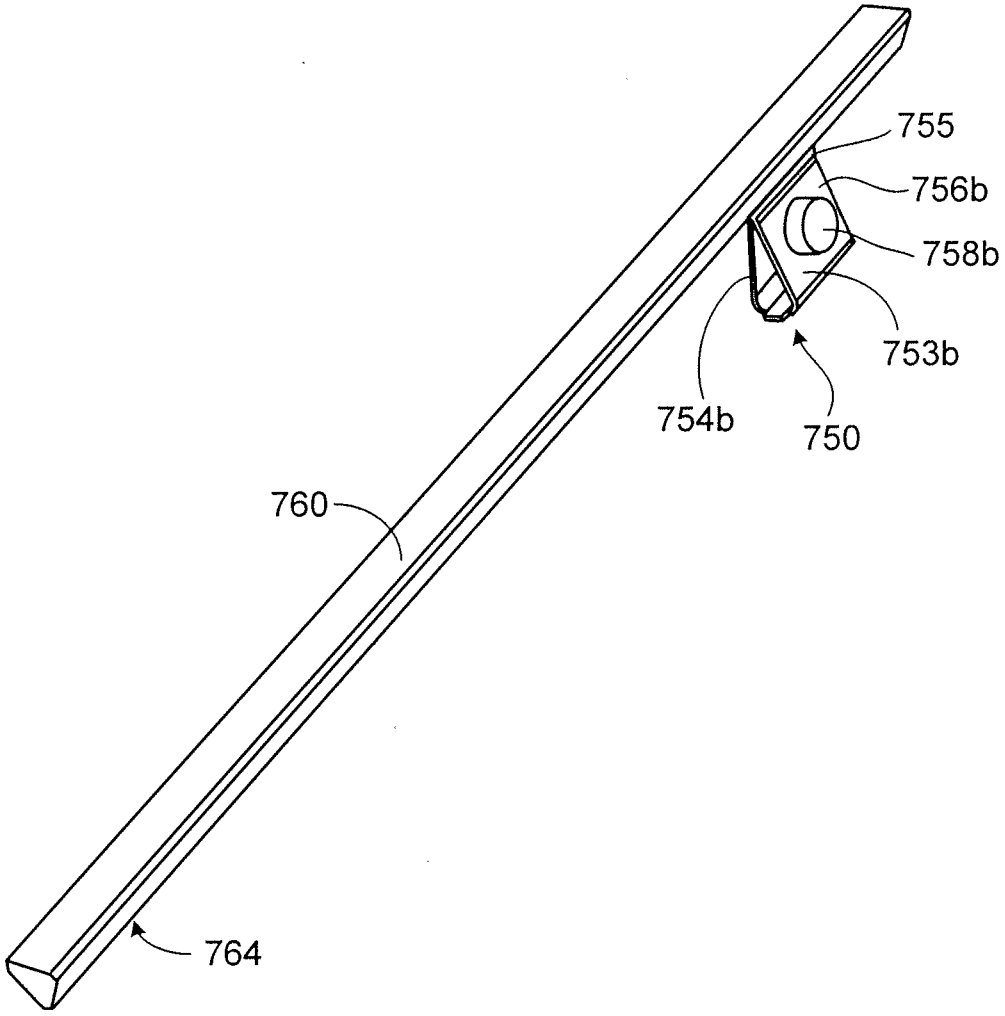


FIG. 35

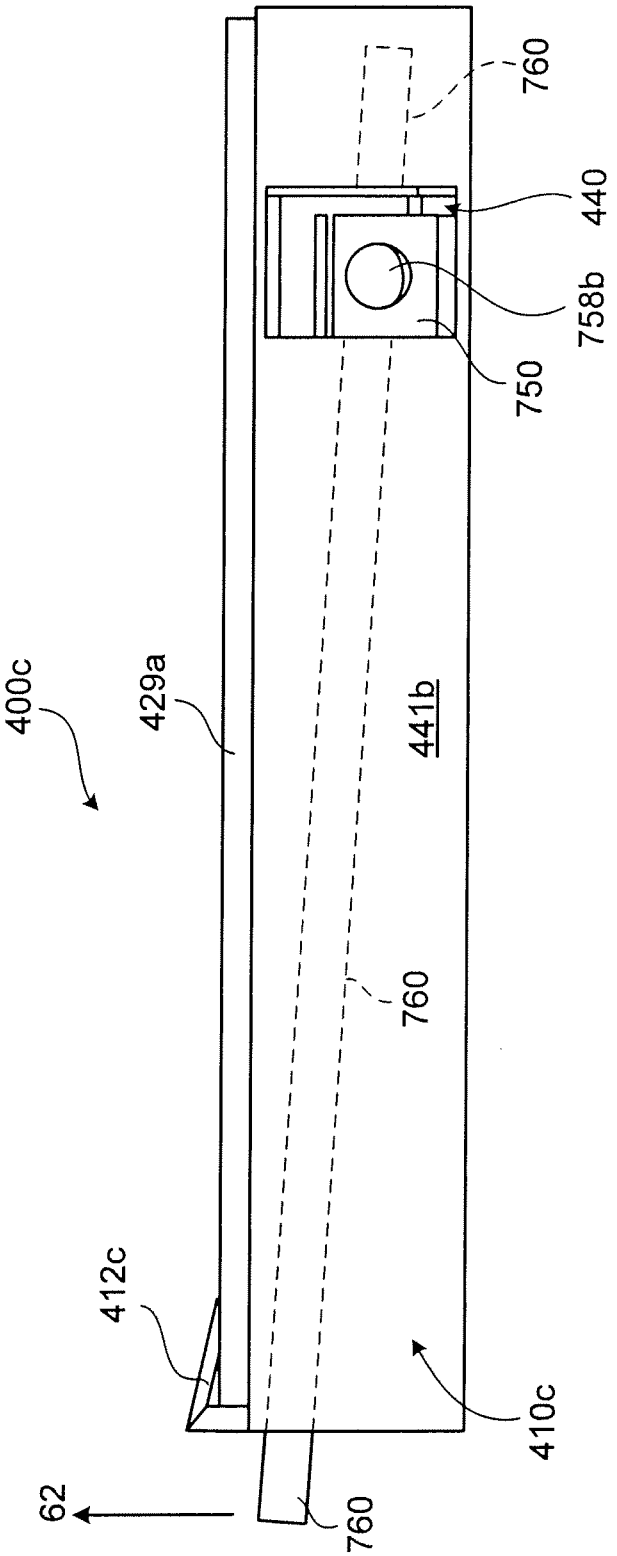


FIG. 36A

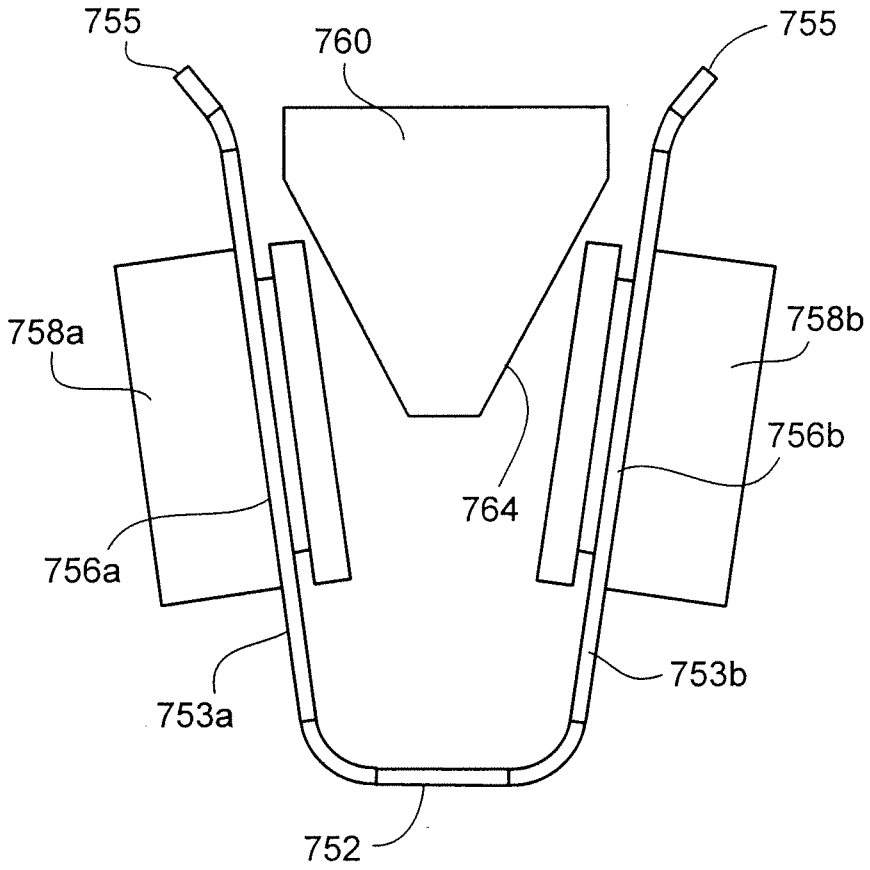


FIG. 36B

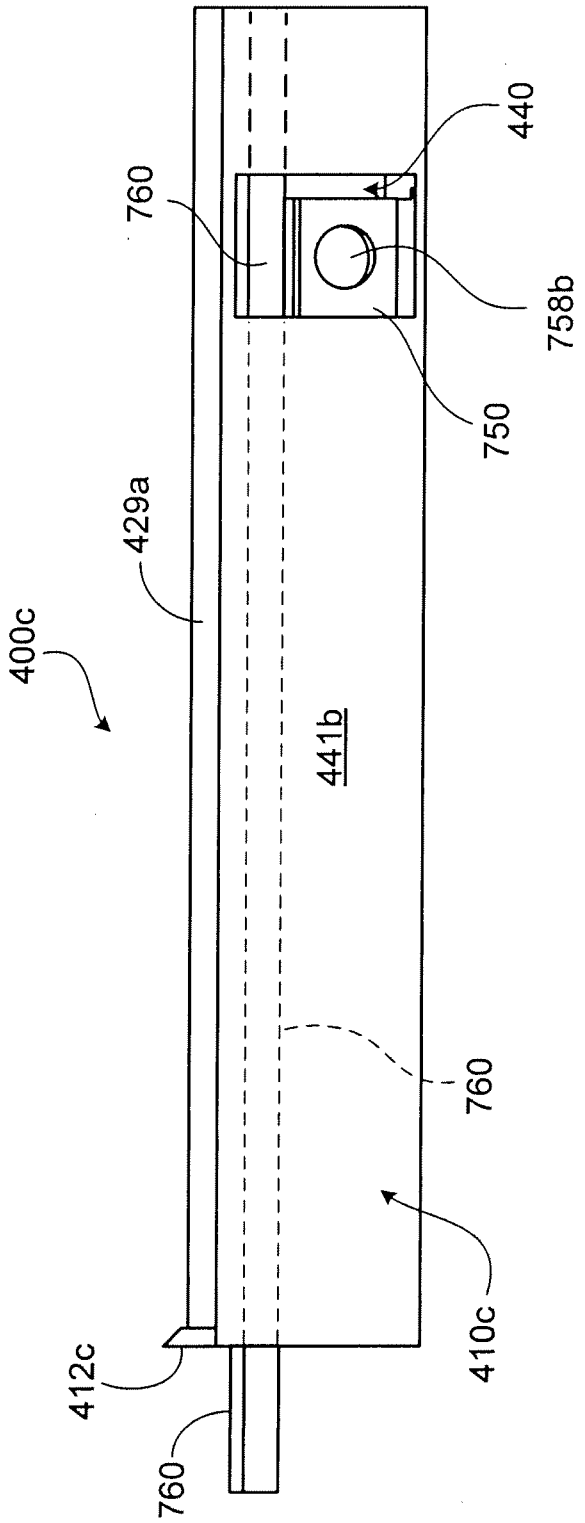


FIG. 37A

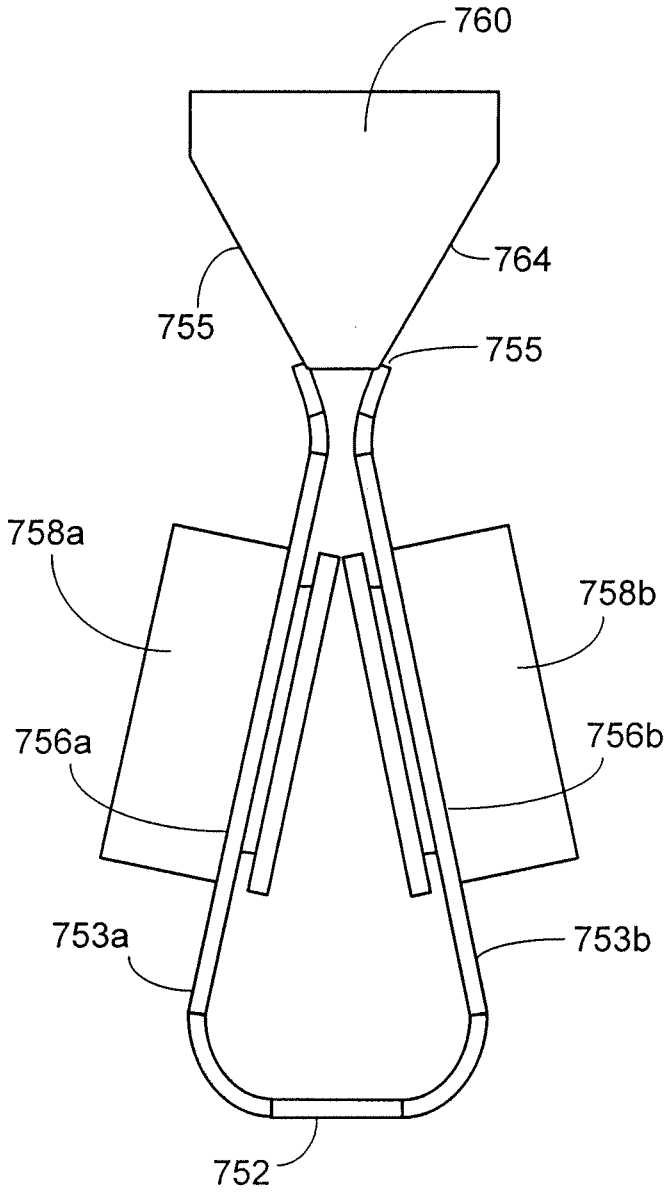


FIG. 37B

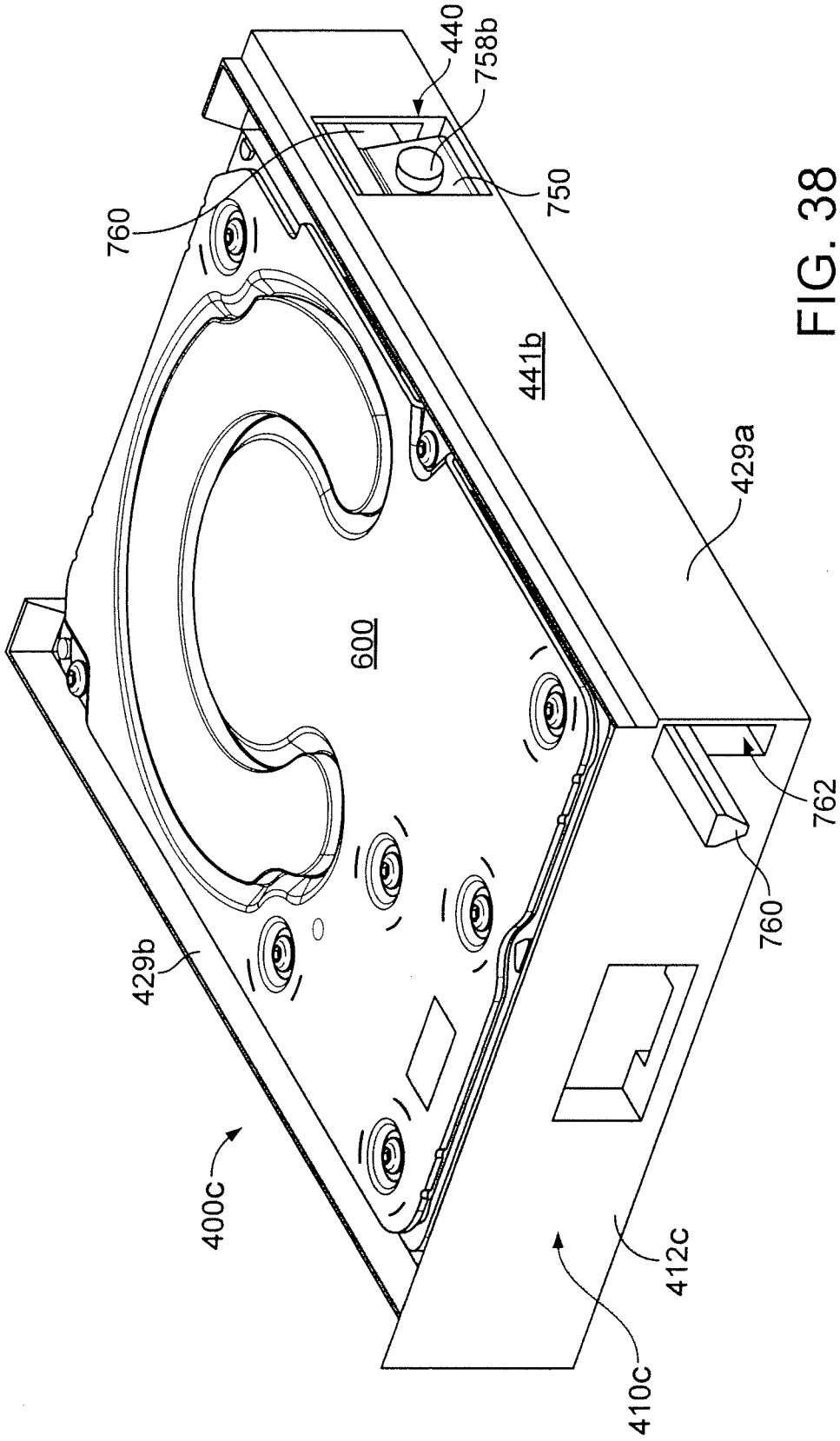


FIG. 38