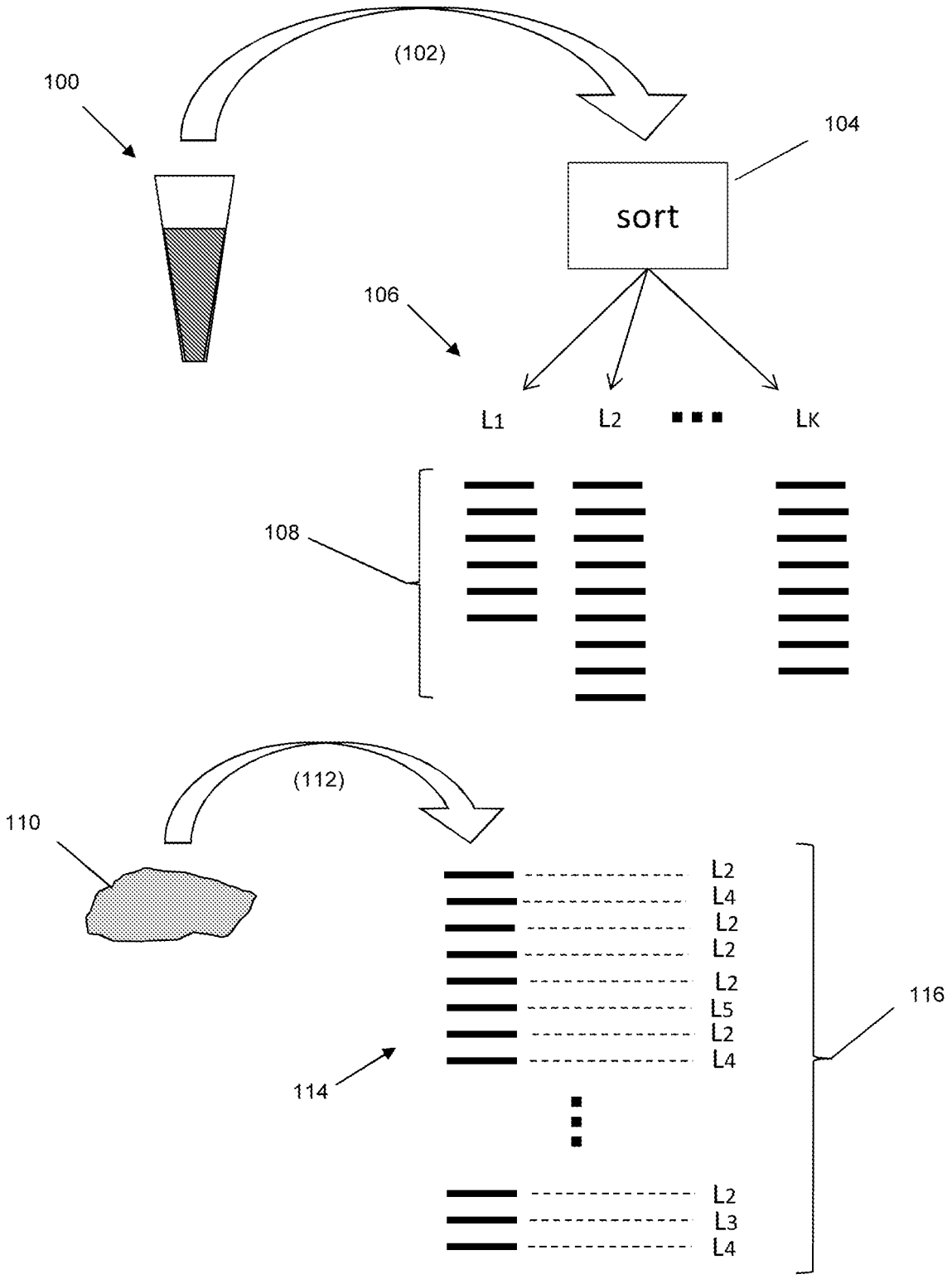
100
(102)
104
sort
106
L1
L2
LK
108
(112)
110
L2
L4
L2
L2
L2
L5
L2
L4
114
116
L2
L3
L4

Fig. 1

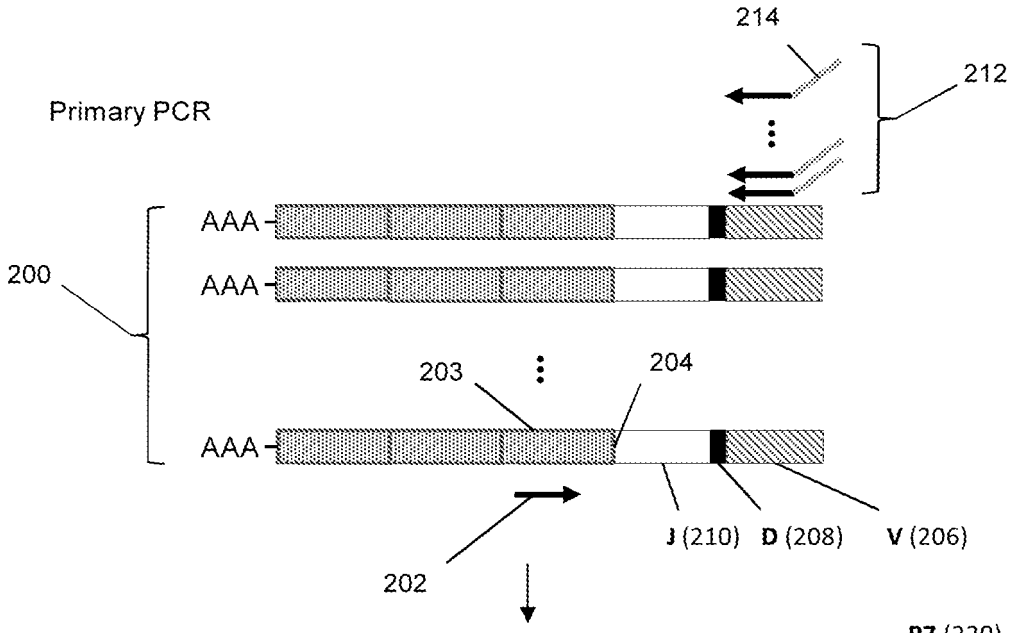

Fig. 2A

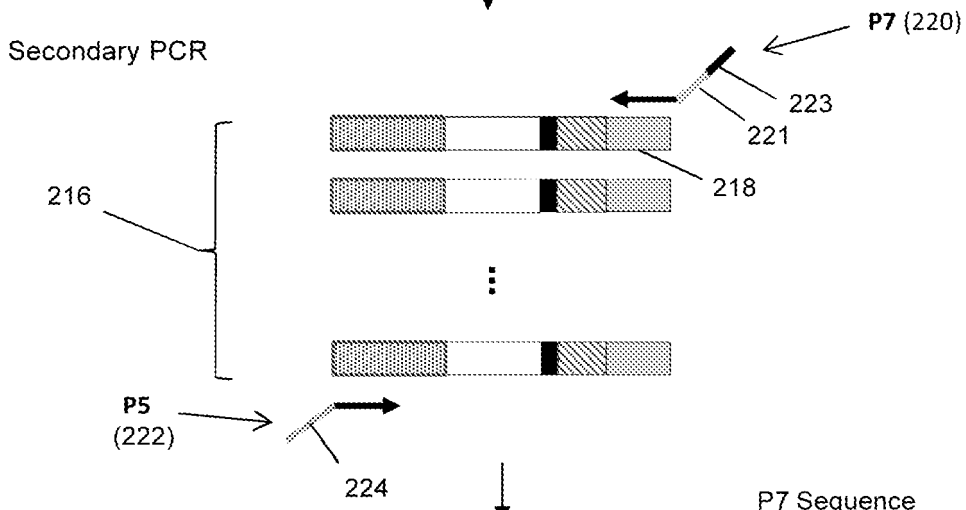

Fig. 2B

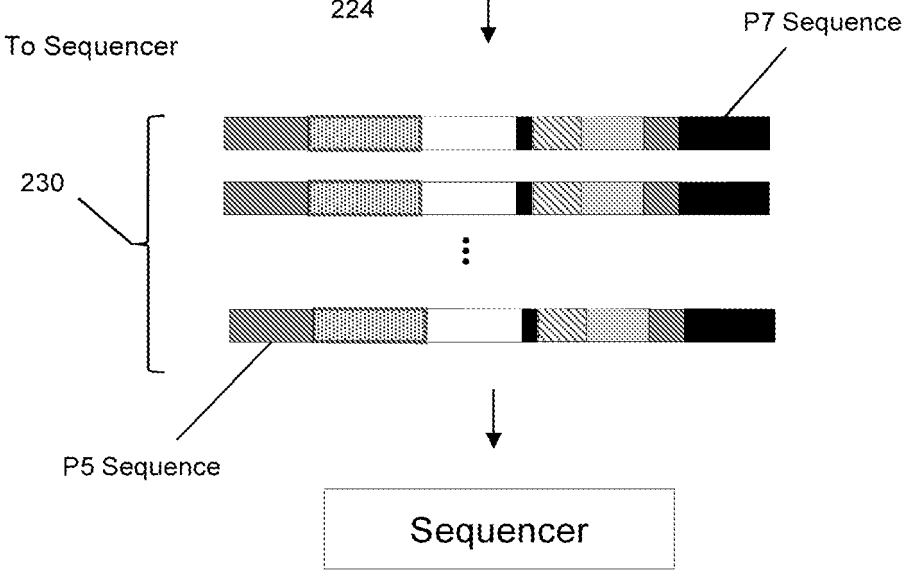

Fig. 2C

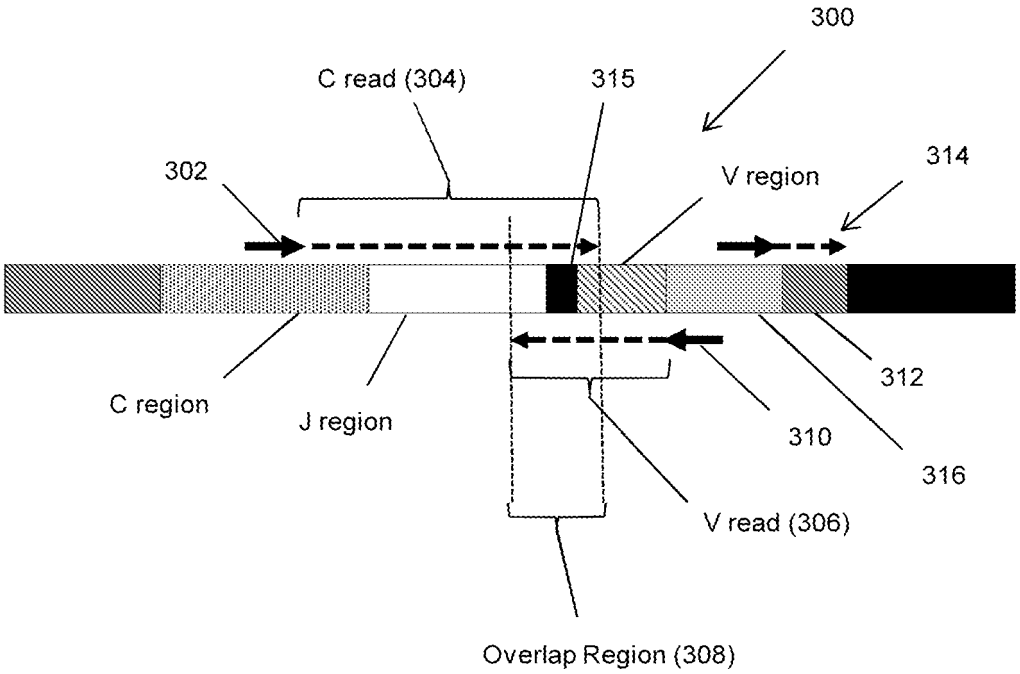
300
C read (304)
315
302
V region
314
C region
J region
312
310
316
V read (306)
Overlap Region (308)

Fig. 3A

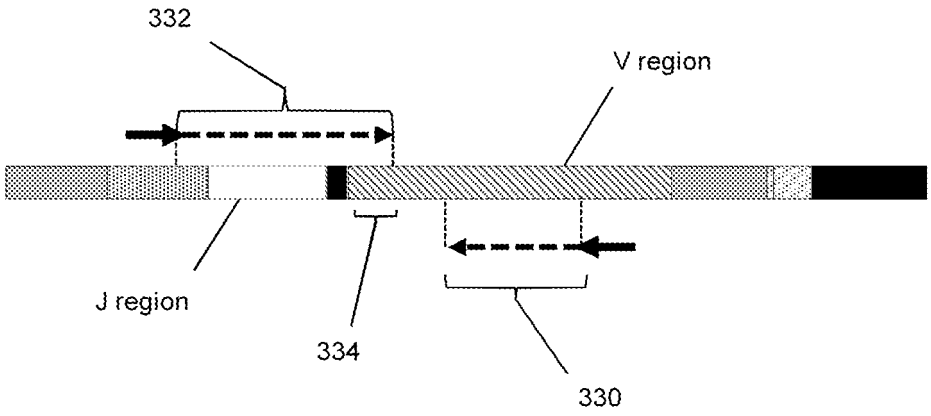
332
V region
J region
334
330

Fig. 3B

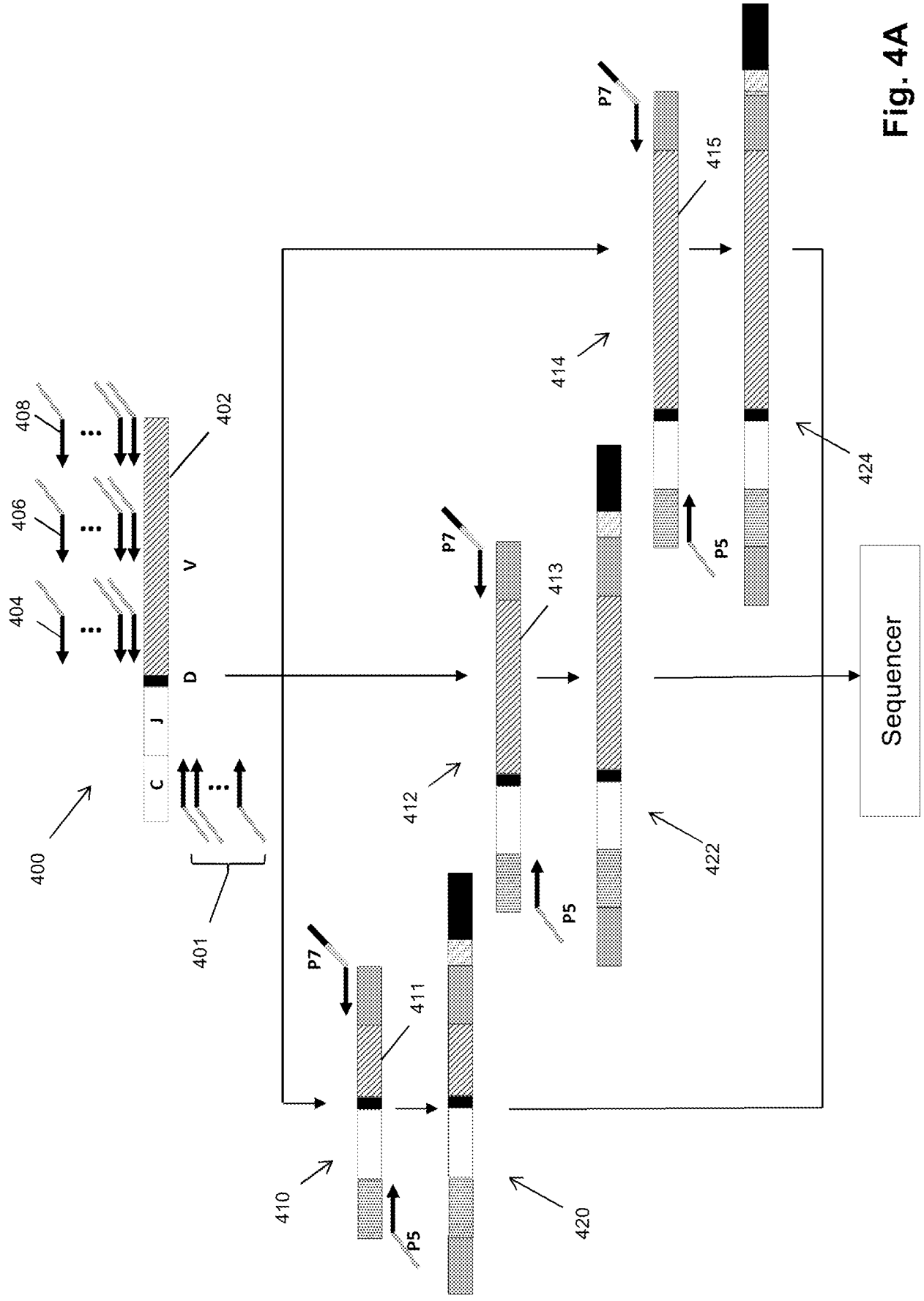
400
401
402
404
406
408
V
D
J
C
410
411
412
413
414
415
420
422
424
P5
P7
Sequencer

Fig. 4A

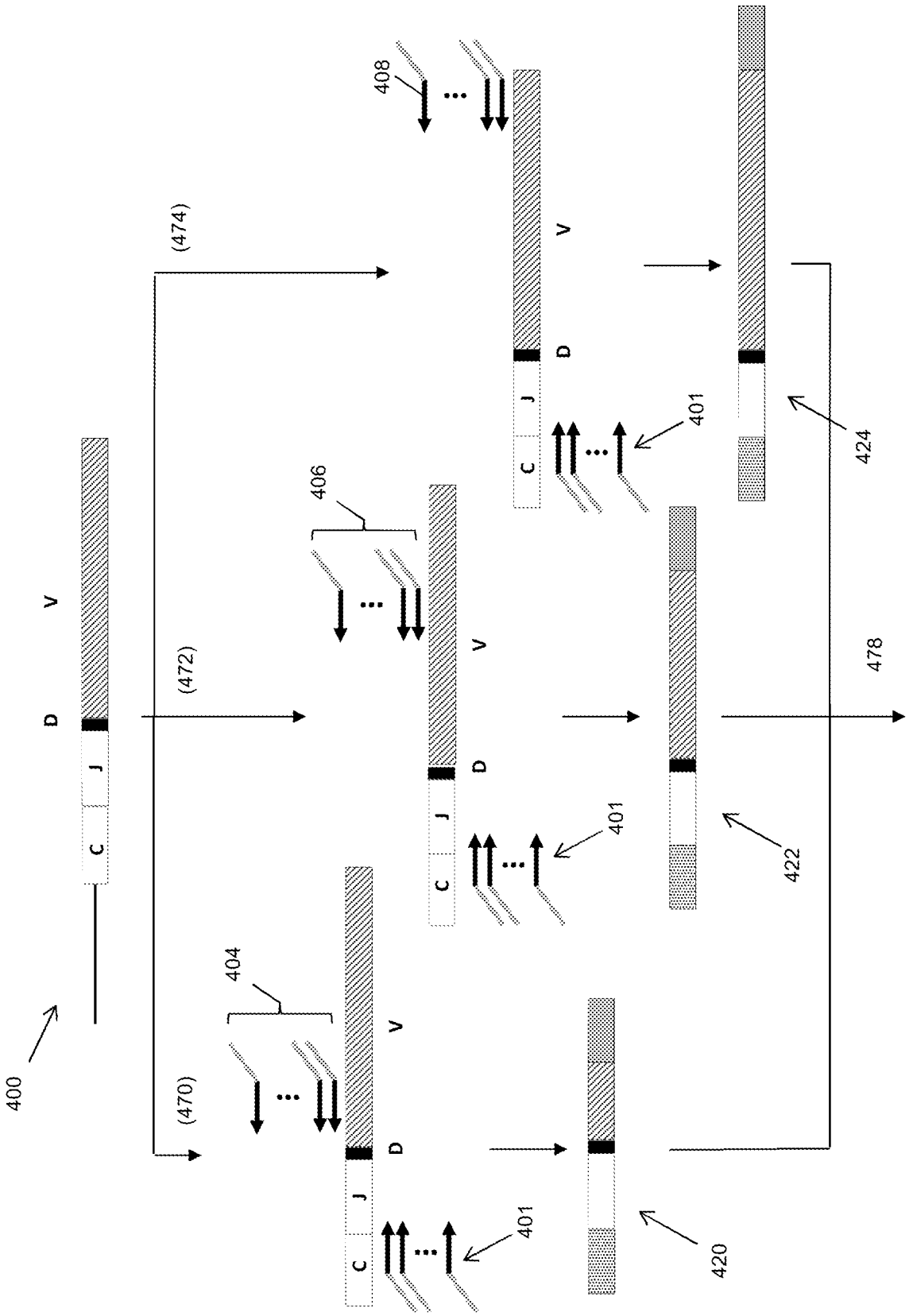

Fig. 4B

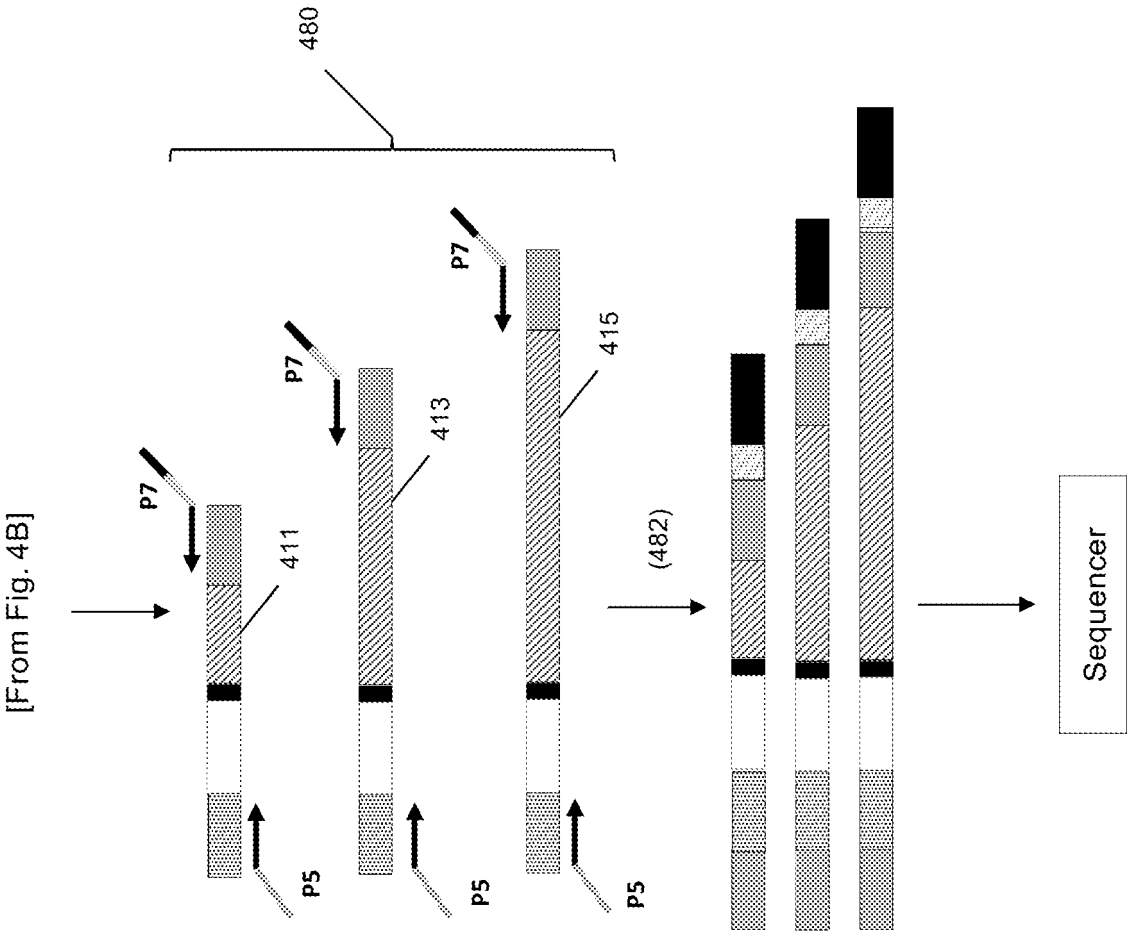

Fig. 4C

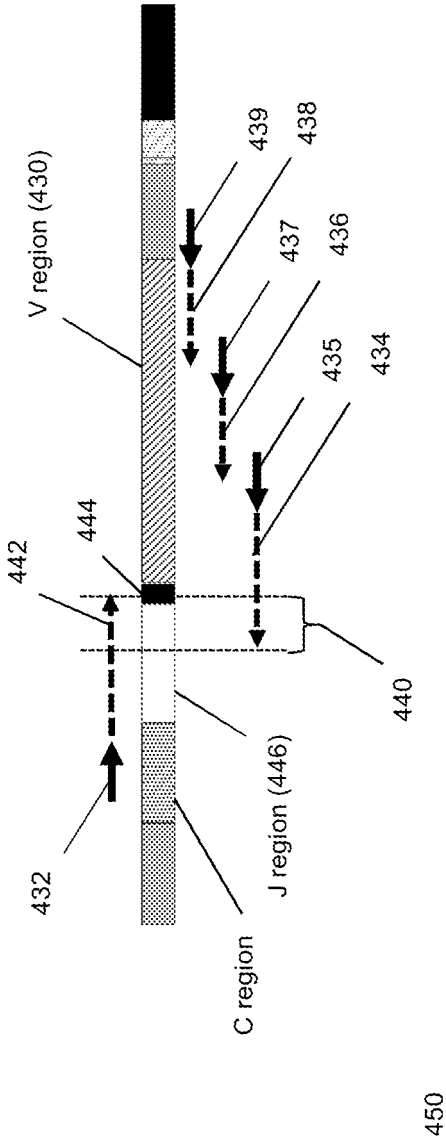
V region (430)
439
438
437
436
435
434
444
442
440
432
J region (446)
C region

Fig. 4D

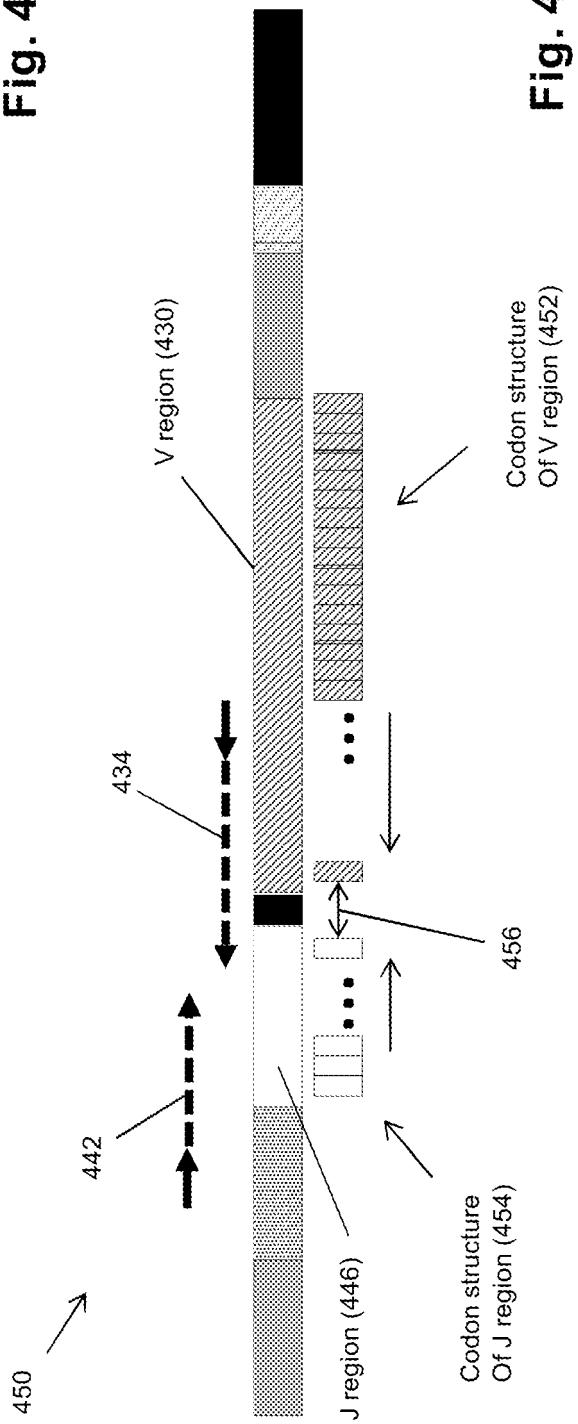
V region (430)
Codon structure
Of V region (452)
434
456
442
450
J region (446)
Codon structure
Of J region (454)

Fig. 4E