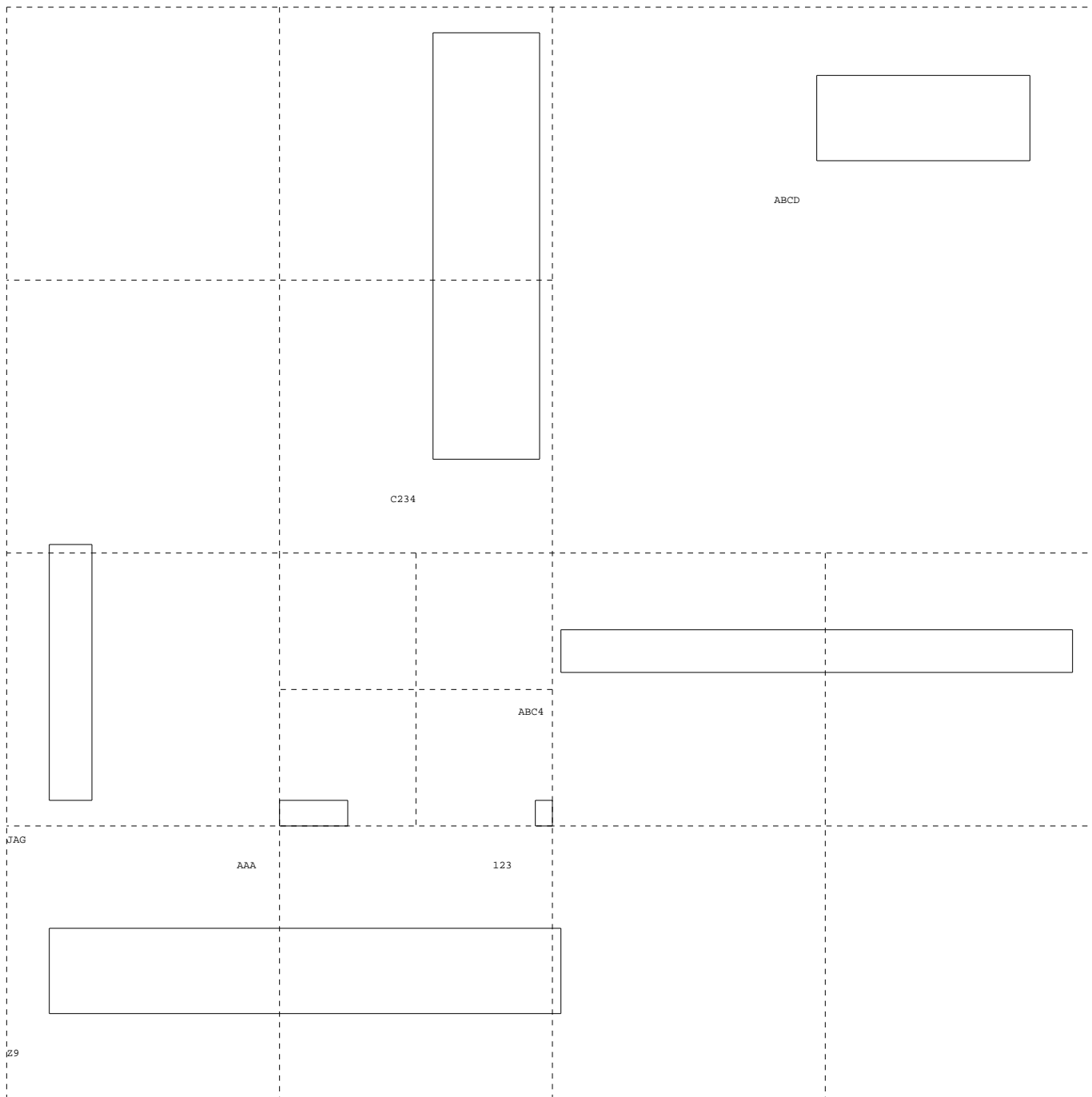


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```
INIT
C234 CREATED
AAA CREATED
123 CREATED
ABC4 CREATED
ABCD CREATED
Z9 CREATED
C5 CREATED
420 CREATED
HJS CREATED
JAG CREATED
START LIST
AAA 64 64 16 6
ABCD 190 220 50 20
ABC4 130 100 120 10
C234 100 150 25 100
C5 250 40 7 12
HJS 110 155 20 11
JAG 10 70 10 60
Z9 10 20 120 20
123 124 64 4 6
420 80 130 20 20
END LIST
C234 INSERTED
AAA INSERTED
123 INSERTED
ABC4 INSERTED
ABCD INSERTED
Z9 INSERTED
INSERTION OF C5 FAILED AS C5 LIES PARTIALLY OUTSIDE SPACE SPANNED BY RECT QUADTREE
INSERTION OF HJS FAILED AS HJS INTERSECTS C234
JAG INSERTED
C5 DOES NOT INTERSECT AN EXISTING RECTANGLE
420 DOES NOT INTERSECT AN EXISTING RECTANGLE
HJS INTERSECTS RECTANGLE C234
SEARCH_POINT: Z9
SEARCH_POINT: NONE
START DISPLAY
```



```

END DISPLAY
C234 DELETED
HJS INSERTED
HJS DELETED
C234 INSERTED
CS420 CREATED
R2D2 CREATED
C3P0 CREATED
MYRECT CREATED
CS420 SHARES ENDPOINT (20, 70) WITH THE RECTANGLE JAG
CS420 SHARES ENDPOINT (64, 64) WITH THE RECTANGLE AAA
ABC4 WITHIN (MYRECT, 16)
AAA WITHIN (MYRECT, 16)
ABC4 IS HORIZONTAL NEIGHBOR OF C234
Z9 IS VERTICAL NEIGHBOR OF AAA
Z9 IS THE NEAREST RECTANGLE TO (64, 50)
START WLIST

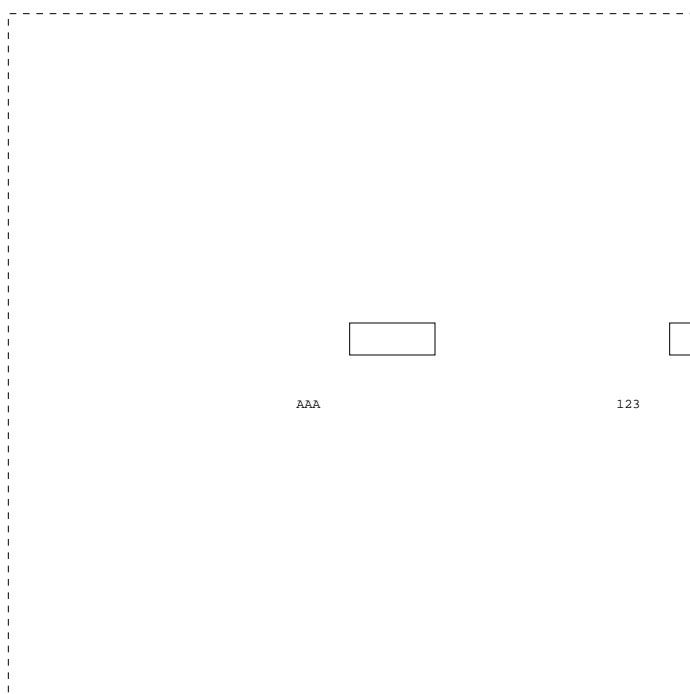
```

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123

AAA

START DISPLAY



END DISPLAY

END WLIST

TRACE ON

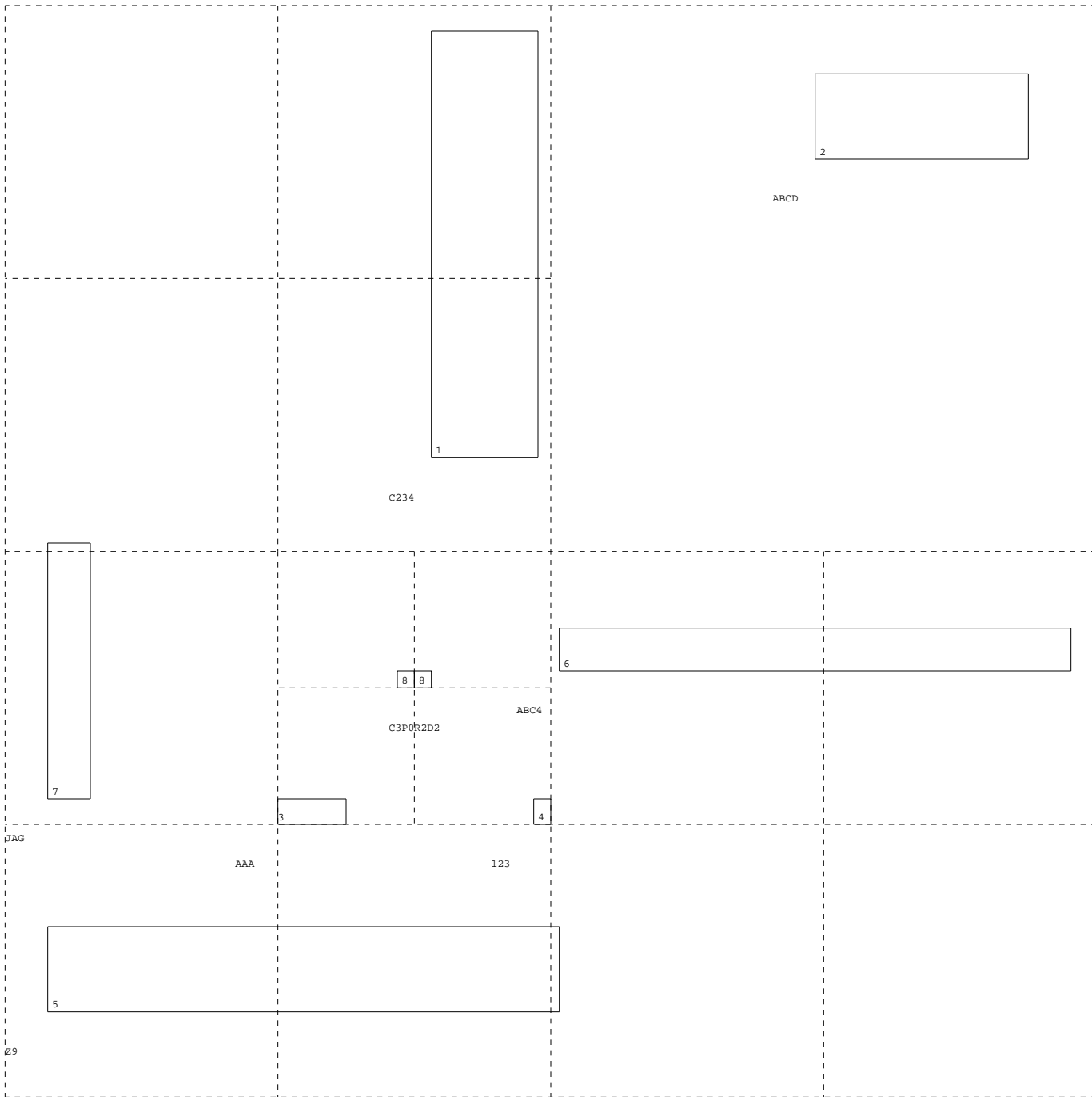
NEAREST NEIGHBOR OF JAG: 0 3 1 13 7 15 Z9

LEX GREATER NEAREST NEIGHBOR OF Z9: 0 3 4 15 16 19 13 14 59 60 AAA 123

C3P0 INSERTED

R2D2 INSERTED

START DISPLAY



END DISPLAY