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FIG. 1

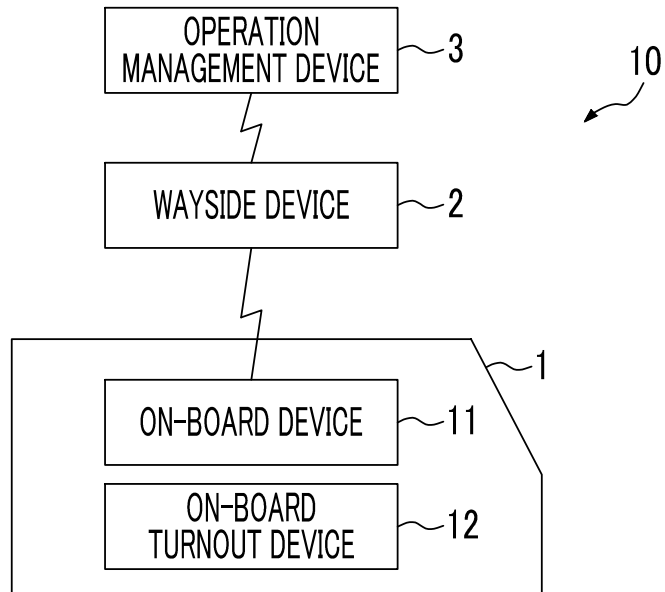
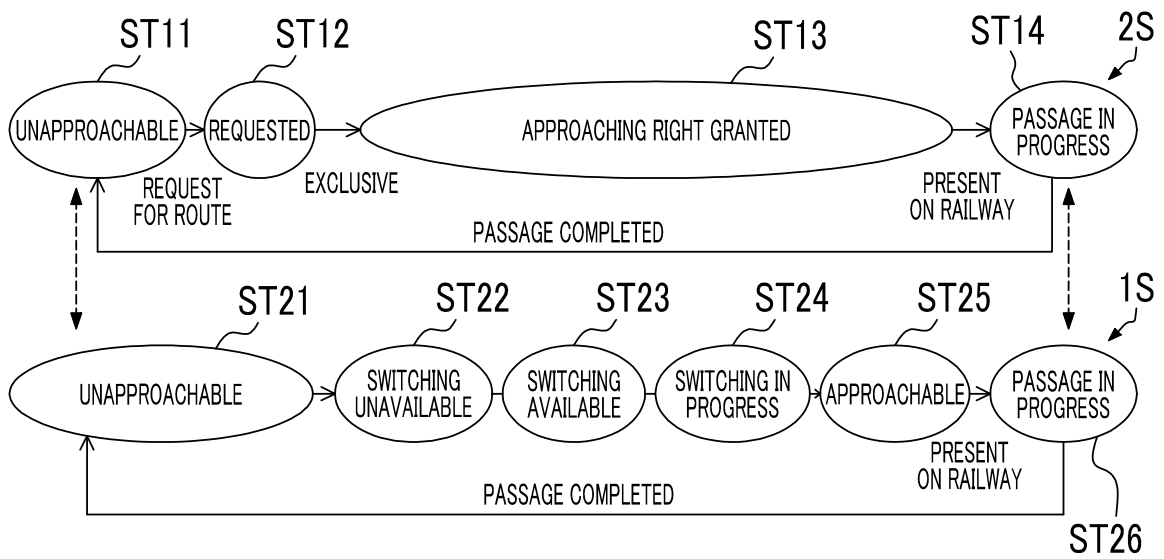


FIG. 2



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FIG. 3

COMMUNICATION DIRECTION	COMMUNICATION CONTENT
WAYSIDE DEVICE → ON-BOARD DEVICE	PERMUTATION OF SECTIONS HAVING APPROACHING RIGHT
ON-BOARD DEVICE → WAYSIDE DEVICE	CURRENT POSITION

FIG. 4

EXAMPLE OF RIGHT SECTION TABLE

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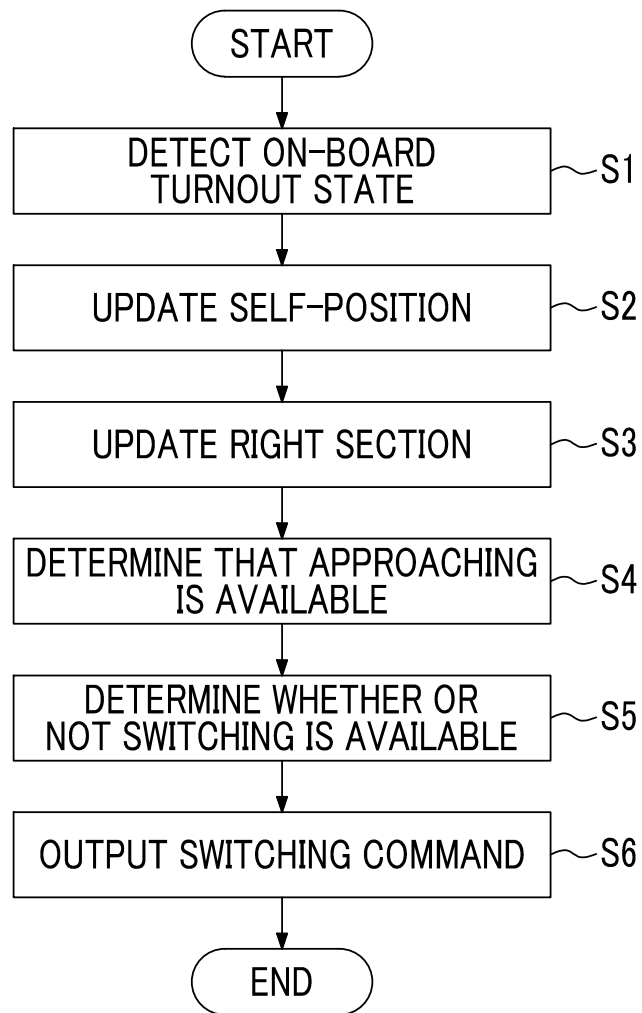
TRAVELING DIRECTION ↓

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
2T	ABSENT	O	O
3T	OPPOSITE POSITION	-	O
4T	ABSENT	-	O
5T	ABSENT	-	O
6T	ABSENT	-	x

O PRESENT ON RAILWAY
- ABSENT ON RAILWAY

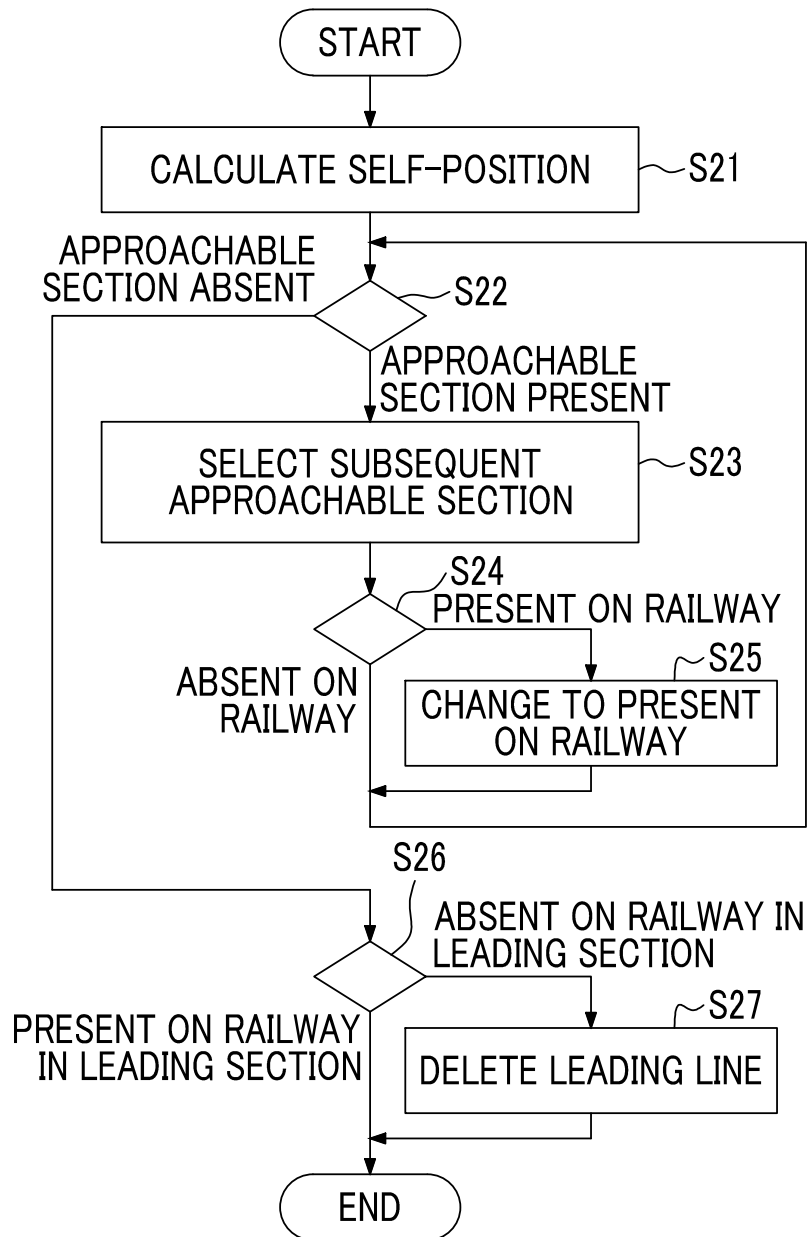
O APPROACHABLE
x UNAPPROACHABLE

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FIG. 5



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FIG. 6



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FIG. 7

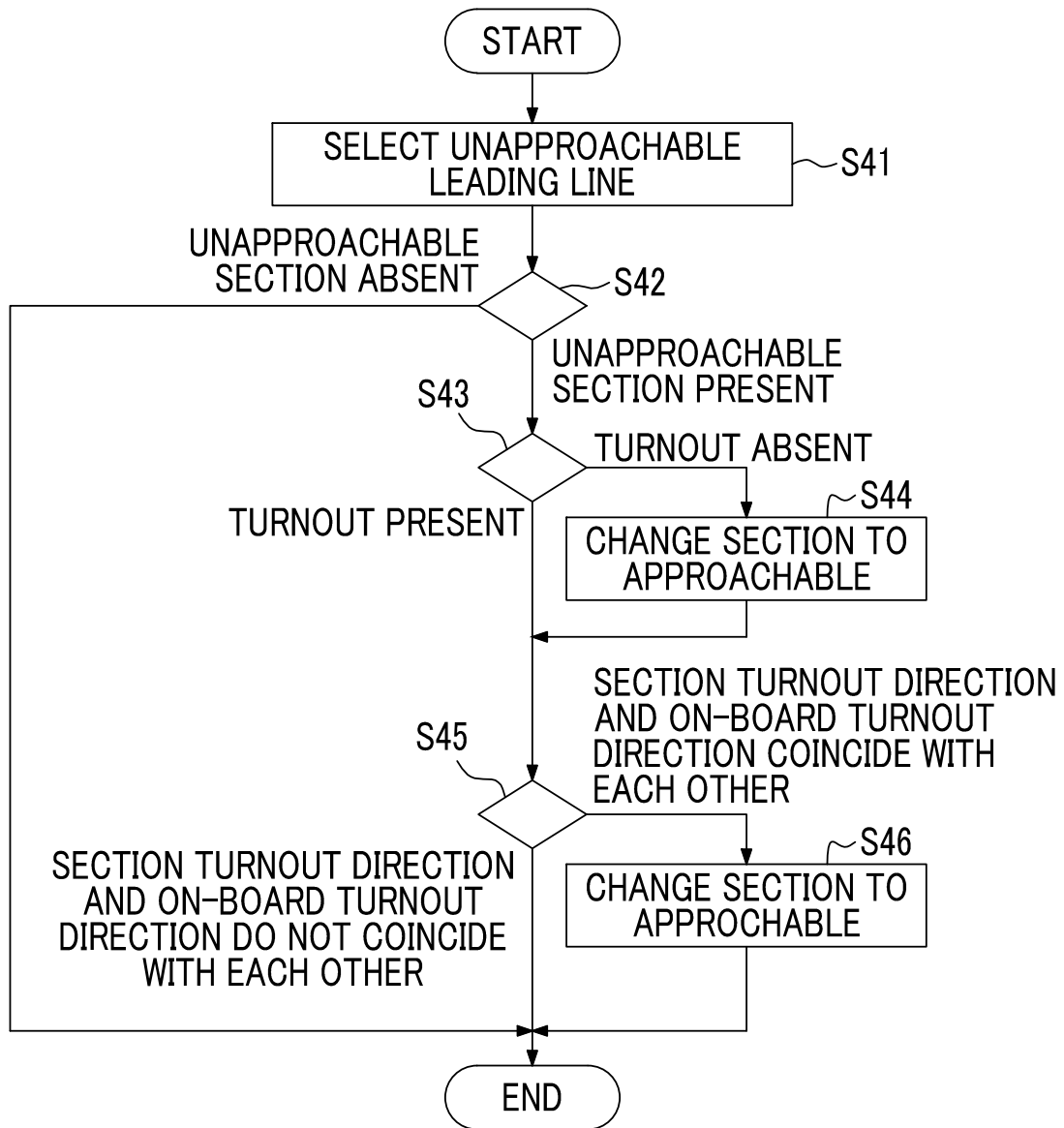
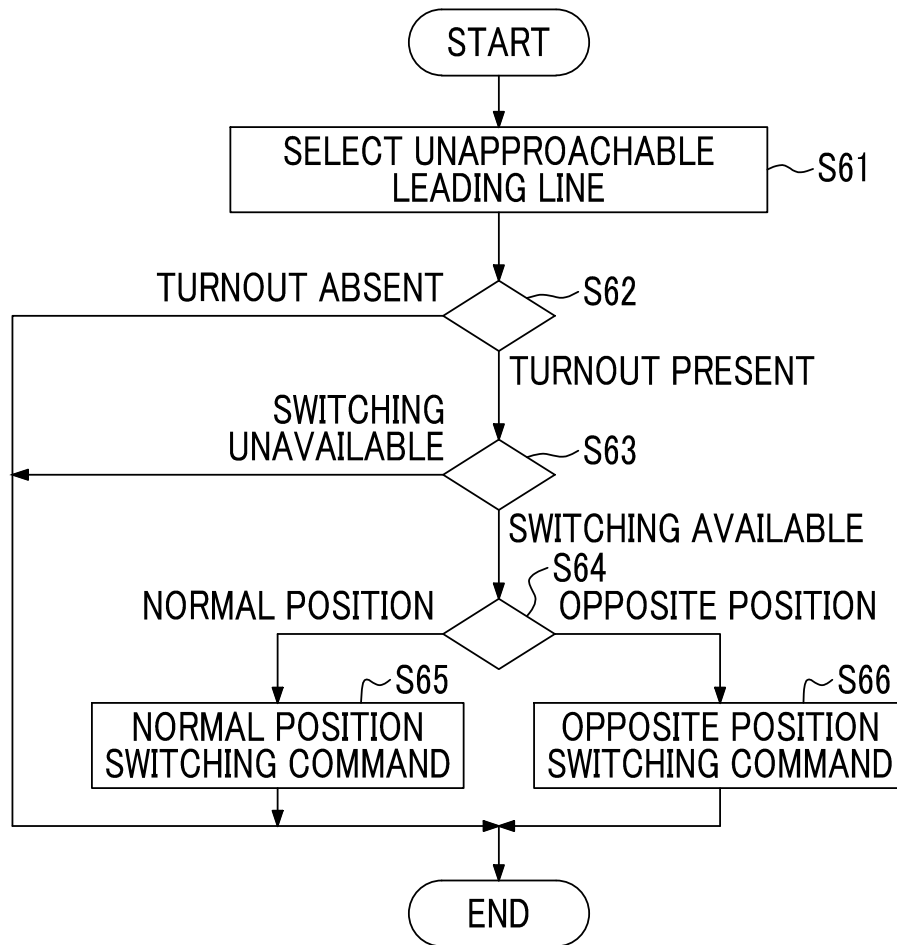


FIG. 8



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FIG. 9A

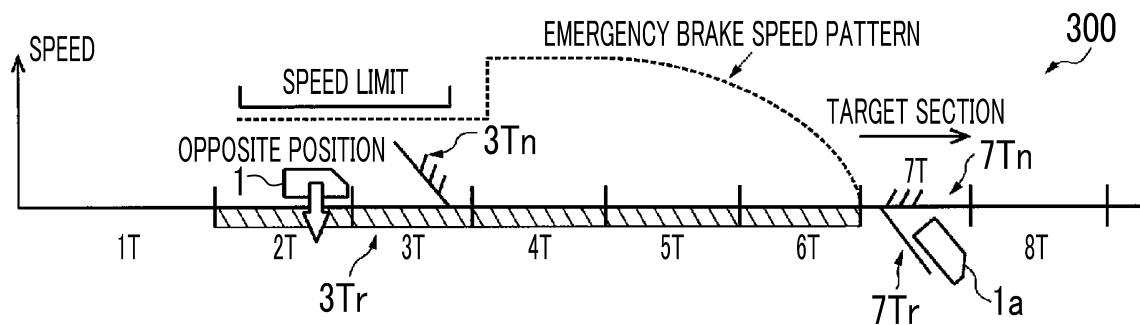


FIG. 9B

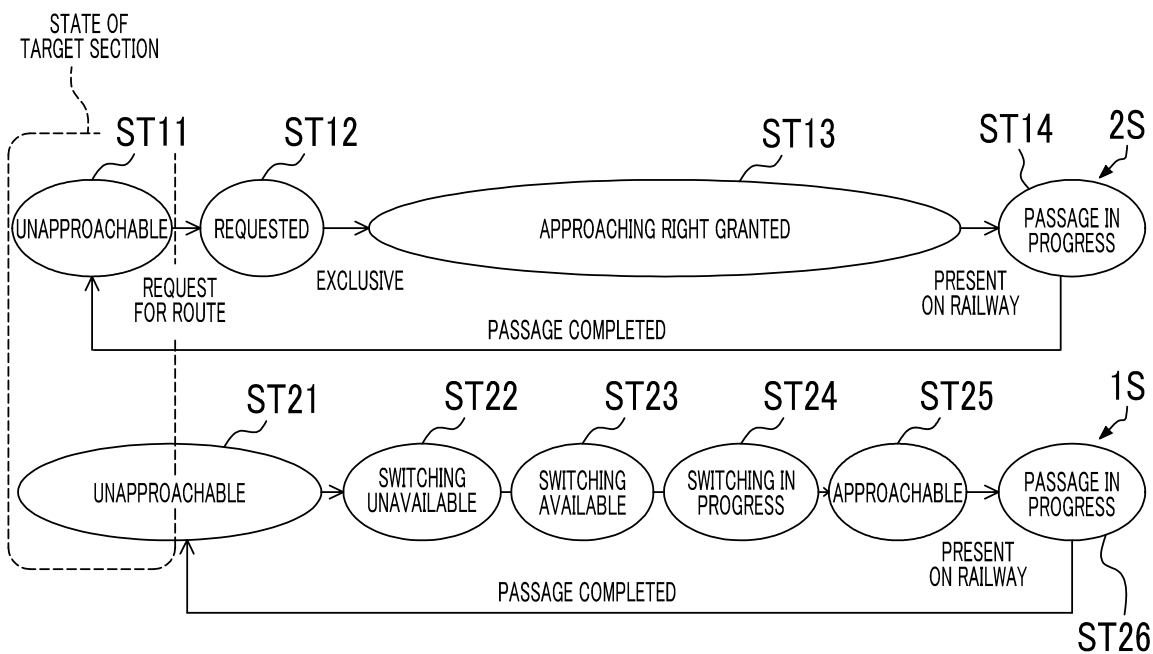


FIG. 9C

111

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
2T	ABSENT	0	0
3T	OPPOSITE POSITION	-	0
4T	ABSENT	-	0
5T	ABSENT	-	0
6T	ABSENT	-	0

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FIG. 10A

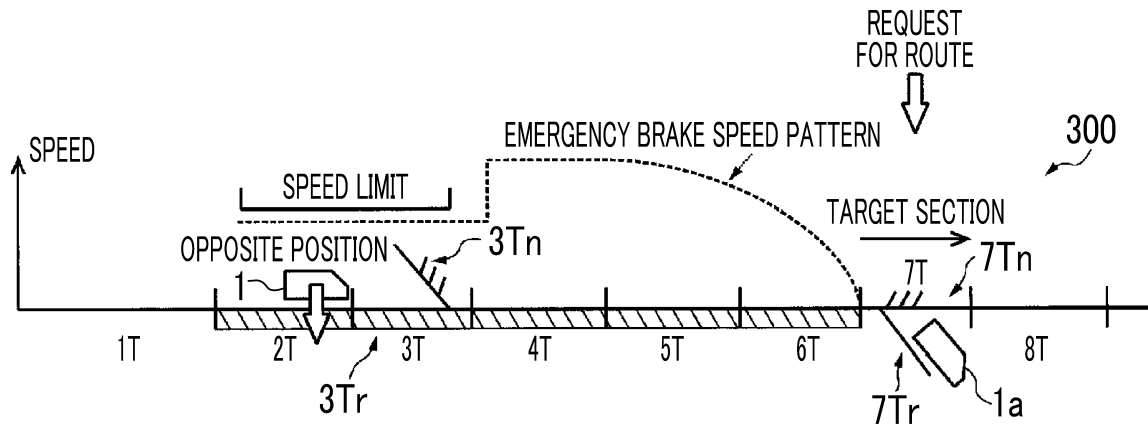
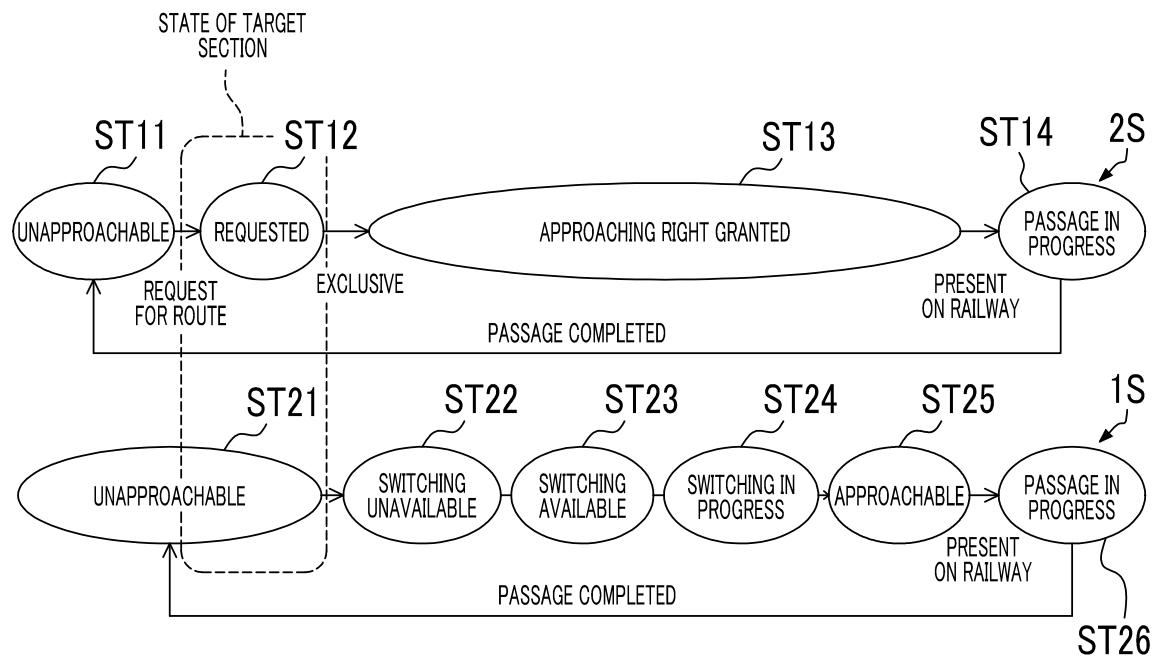


FIG. 10B



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FIG. 11A

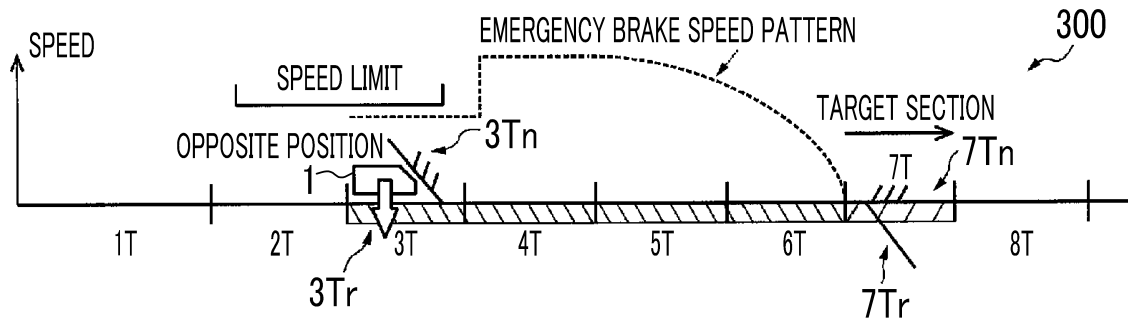


FIG. 11B

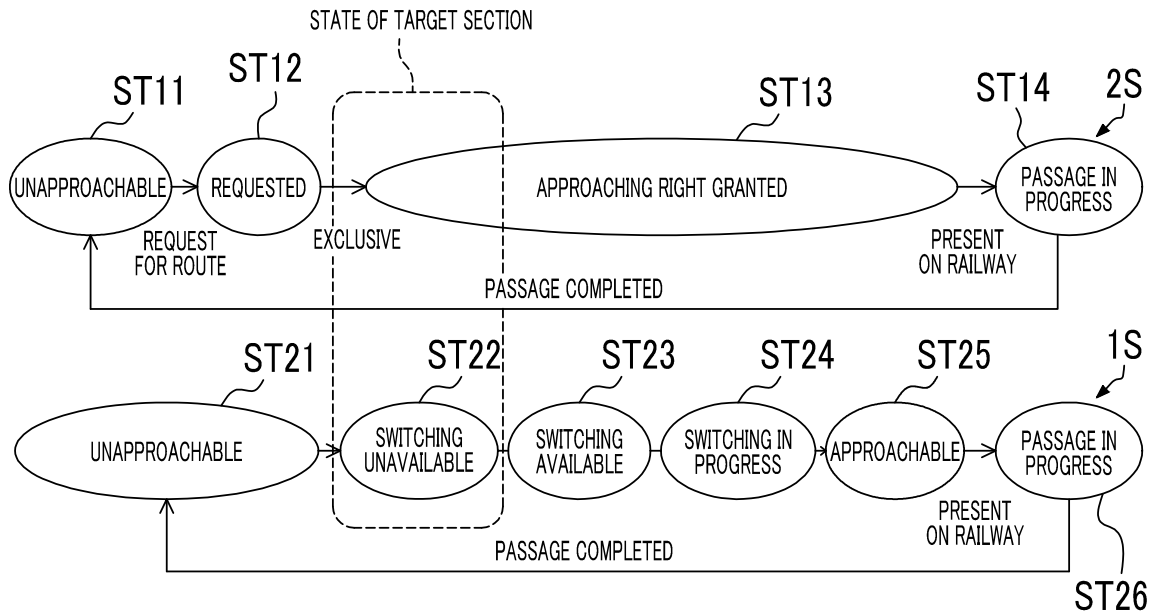


FIG. 11C

111

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
2T	ABSENT	0	0
3T	OPPOSITE POSITION	0	0
4T	ABSENT	-	0
5T	ABSENT	-	0
6T	ABSENT	-	0
7T	NORMAL POSITION	-	x

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FIG. 12A

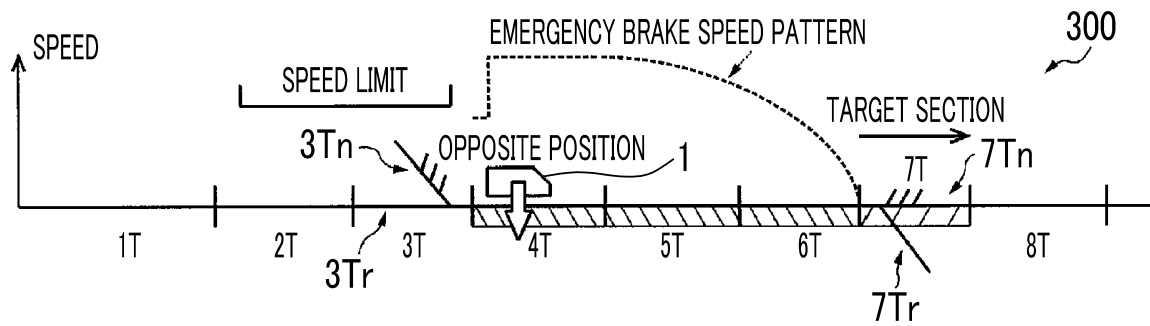


FIG. 12B

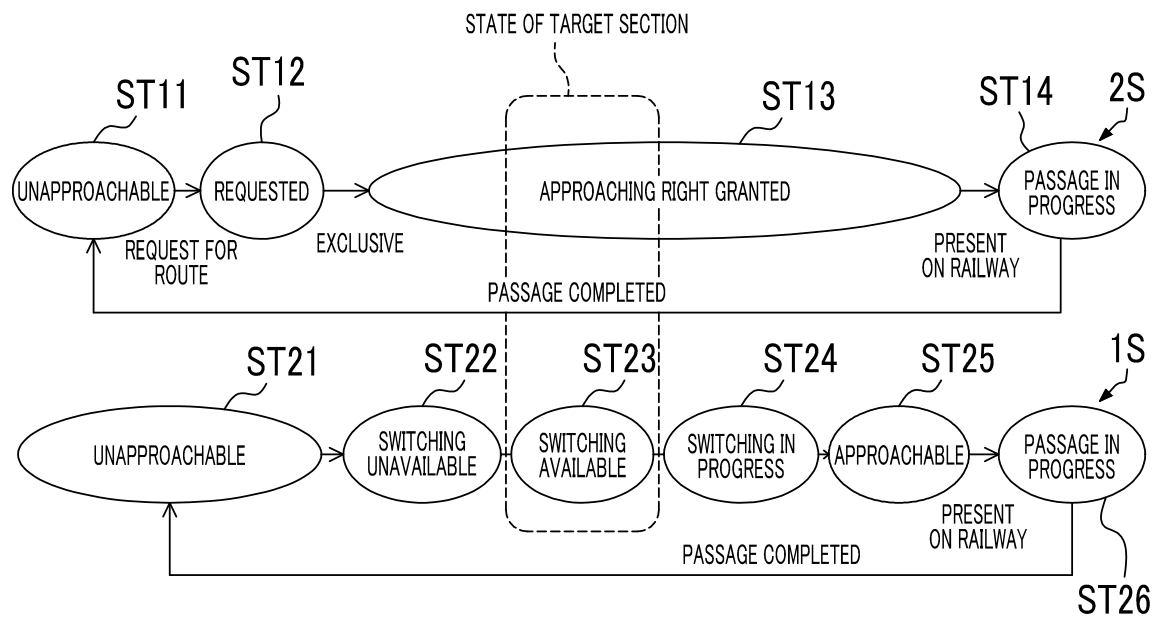


FIG. 12C

111

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
3T	OPPOSITE POSITION	0	0
4T	ABSENT	0	0
5T	ABSENT	-	0
6T	ABSENT	-	0
7T	NORMAL POSITION	-	x

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FIG. 13A

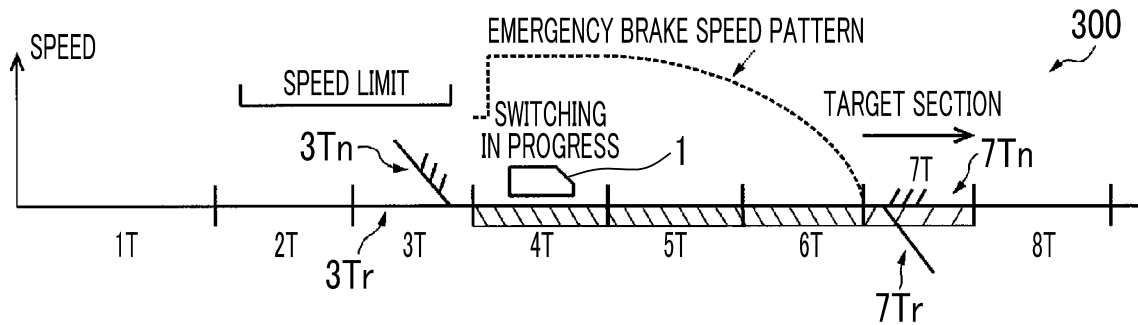


FIG. 13B

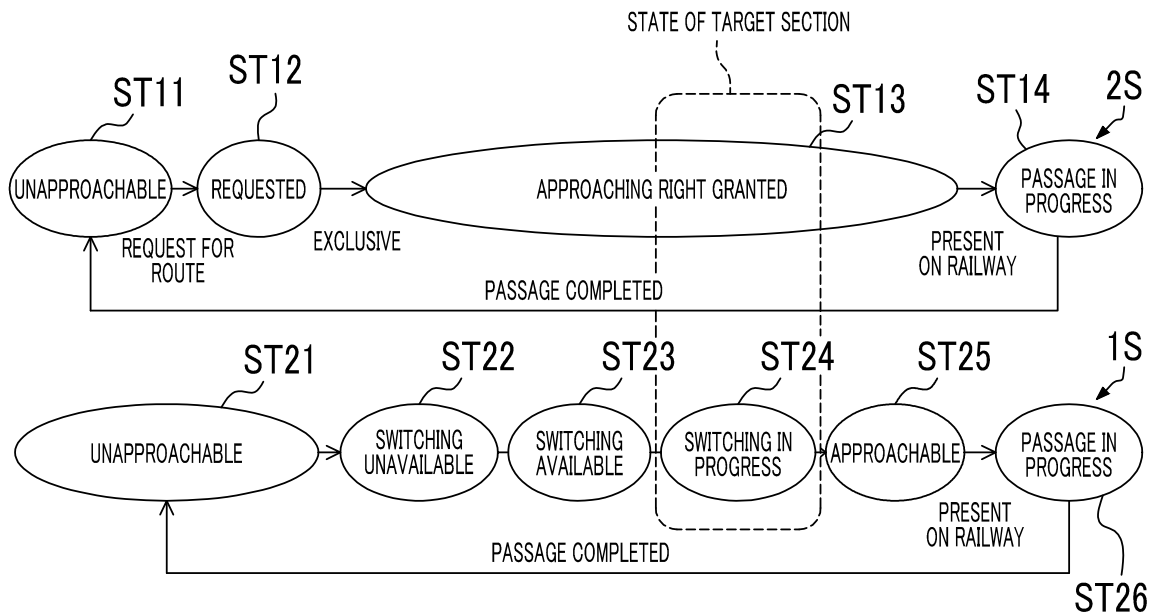


FIG. 13C

111

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
4T	ABSENT	O	O
5T	ABSENT	-	O
6T	ABSENT	-	O
7T	NORMAL POSITION	-	x

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FIG. 14A

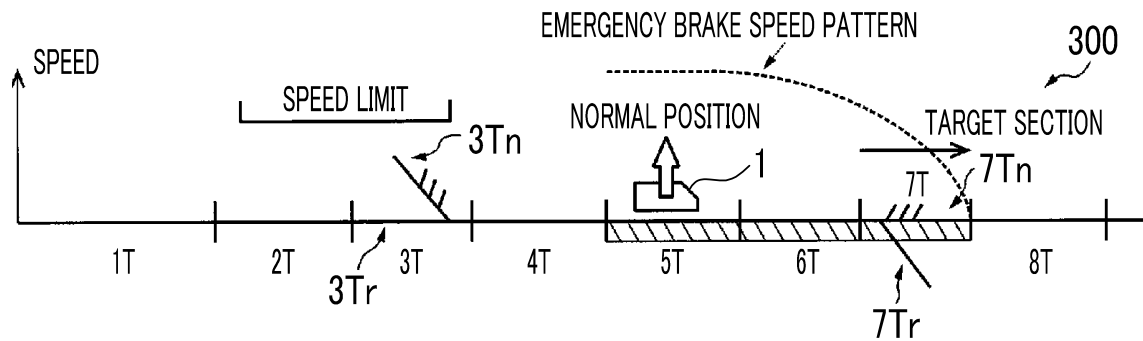


FIG. 14B

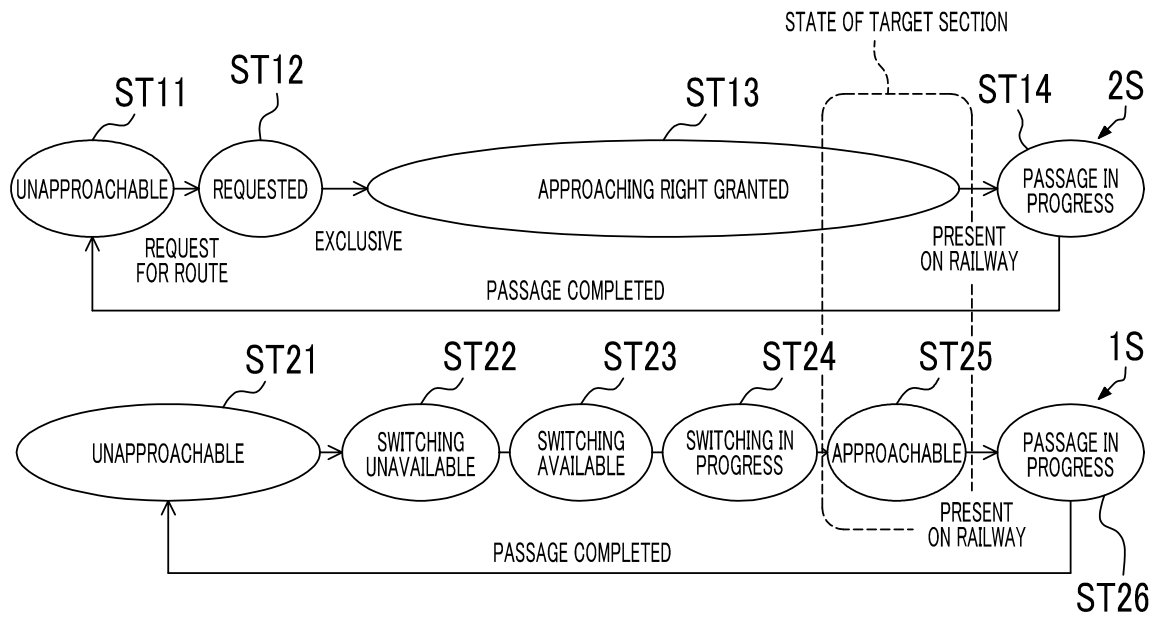


FIG. 14C

111

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
4T	ABSENT	0	0
5T	ABSENT	0	0
6T	ABSENT	-	0
7T	NORMAL POSITION	-	0

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FIG. 15A

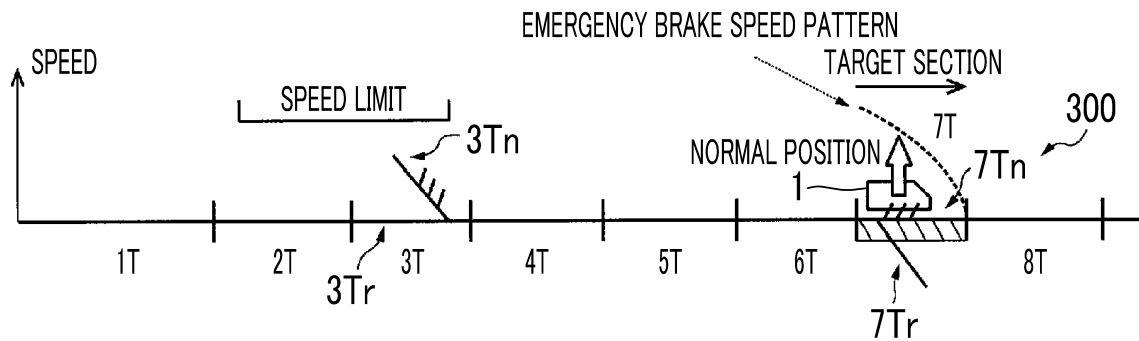
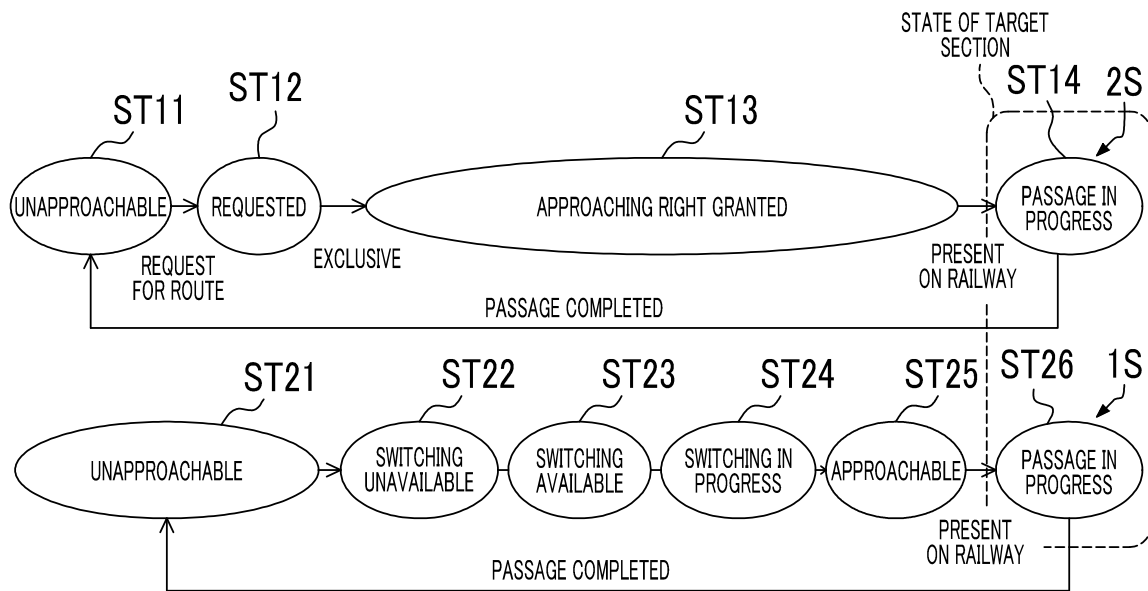


FIG. 15B



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FIG. 16

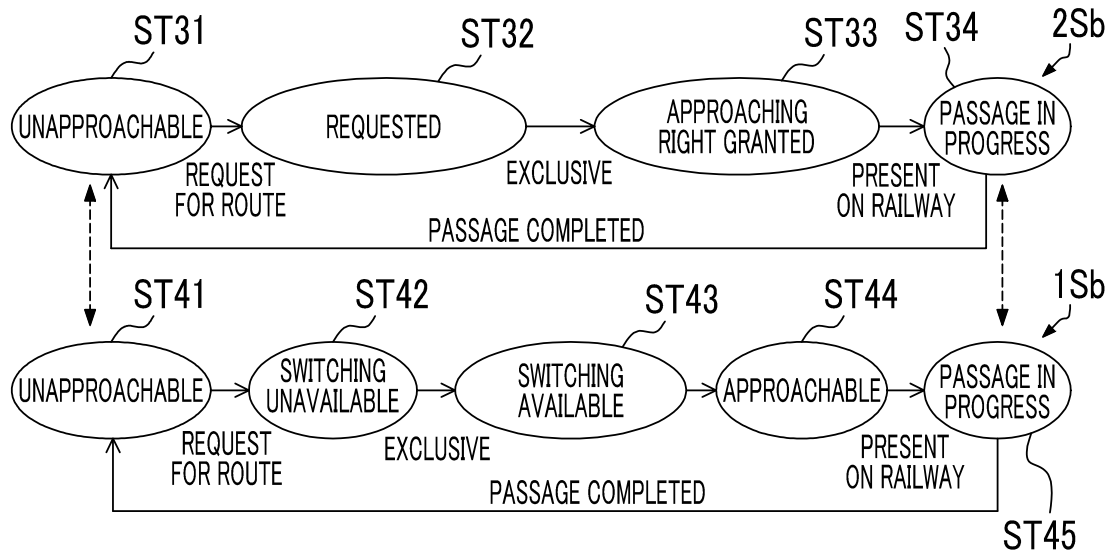


FIG. 17

COMMUNICATION DIRECTION	COMMUNICATION CONTENT
WAYSIDE DEVICE → ON-BOARD DEVICE	PERMUTATION OF SECTIONS HAVING APPROACHING RIGHT REQUEST STATE OF SUBSEQUENT SECTION
ON-BOARD DEVICE → WAYSIDE DEVICE	CURRENT POSITION

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FIG. 18

EXAMPLE OF RIGHT SECTION TABLE

111b

TRAVELING
DIRECTION

SECTION NAME	TURNOUT	PRESENT ON RAILWAY	APPROACHABLE
2T	ABSENT	O	O
3T	OPPOSITE POSITION	-	O
4T	ABSENT	-	O
5T	ABSENT	-	O
6T	ABSENT	-	x
7T	NORMAL POSITION	-	REQUESTED

O PRESENT
ON RAILWAY

- ABSENT
ON RAILWAY

O APPROACHABLE

x UNAPPROACHABLE

REQUESTED REQUESTED

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FIG. 19A

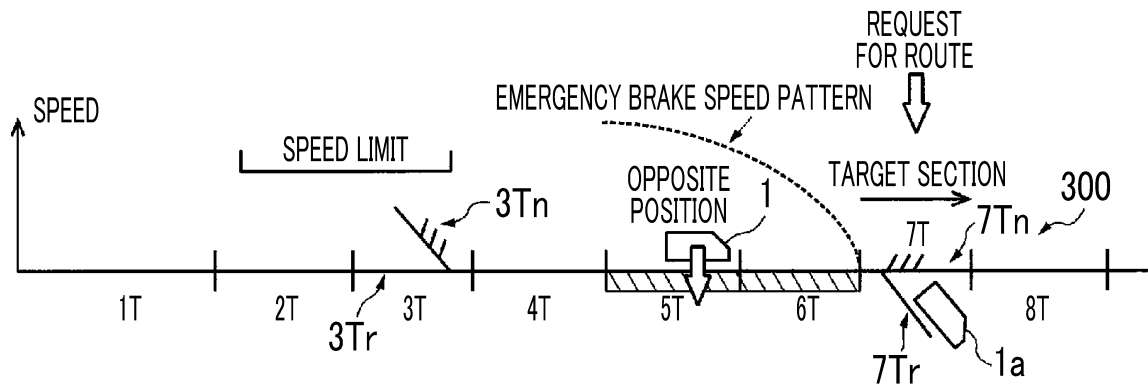
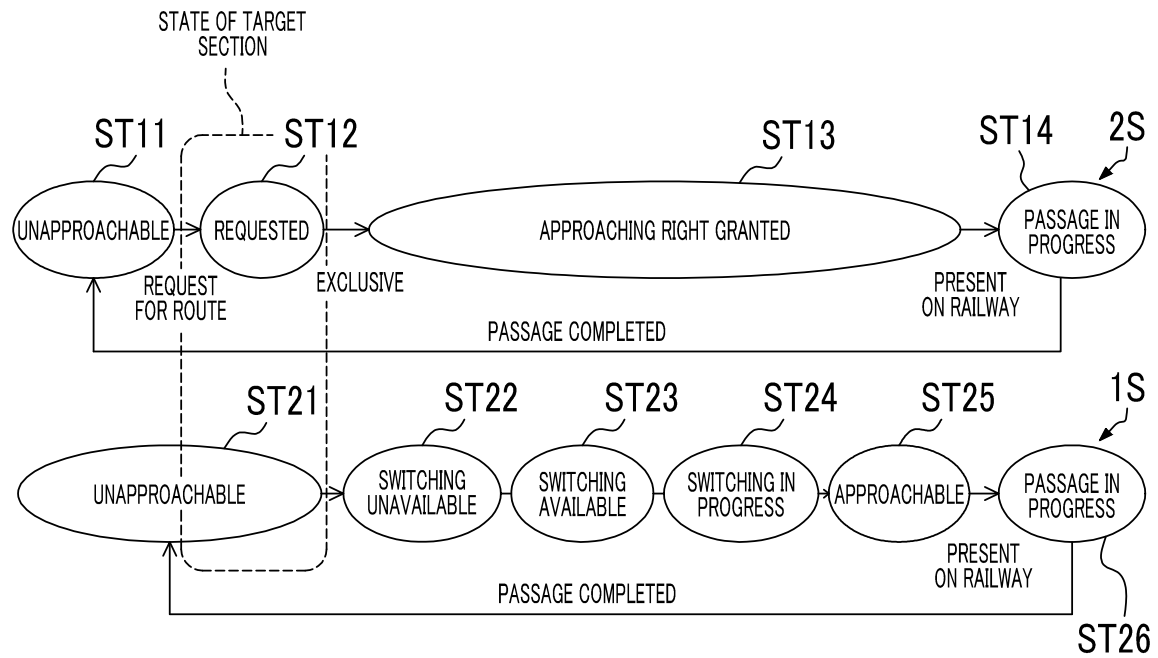


FIG. 19B



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FIG. 19C

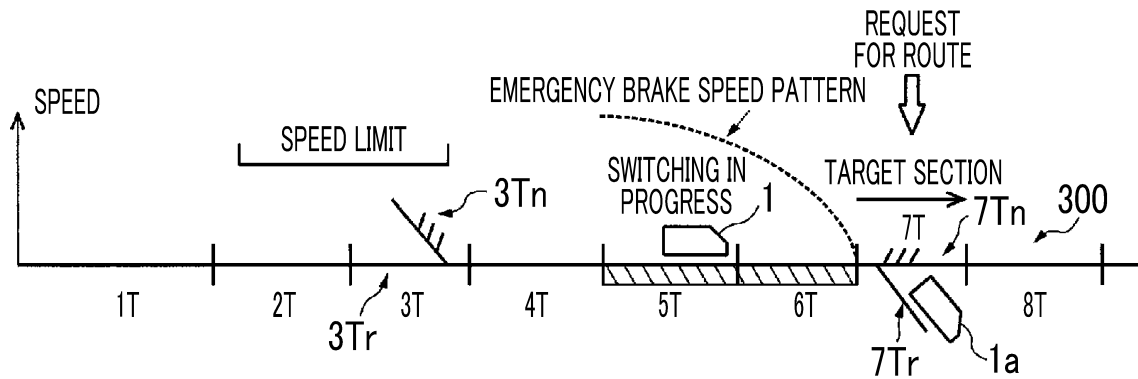
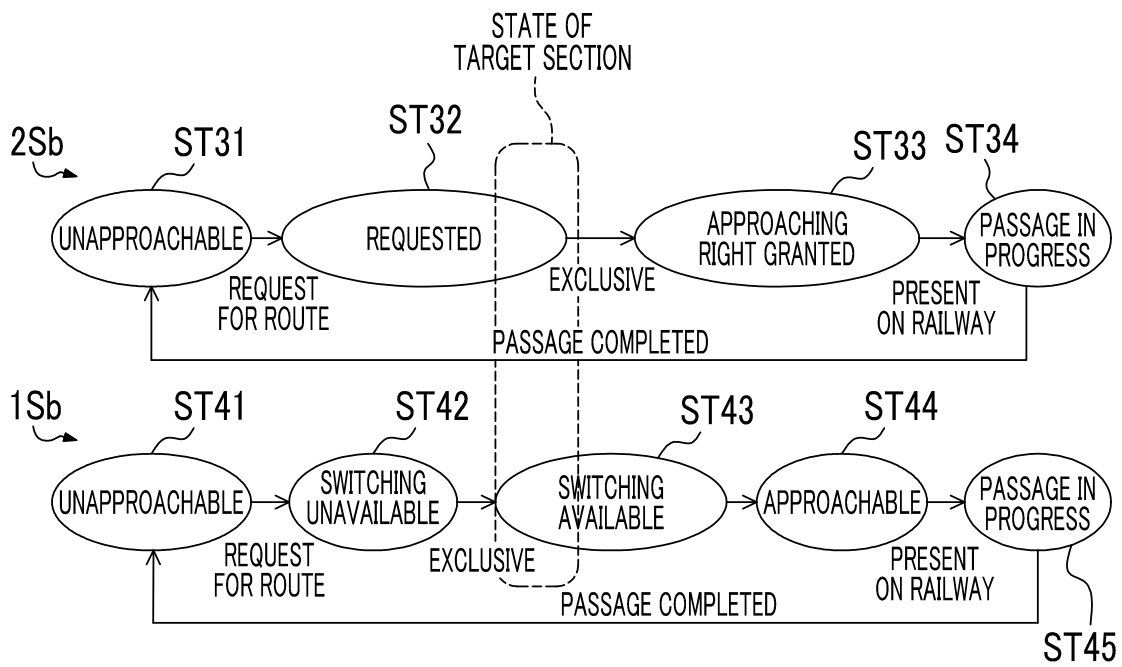


FIG. 19D



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FIG. 20A

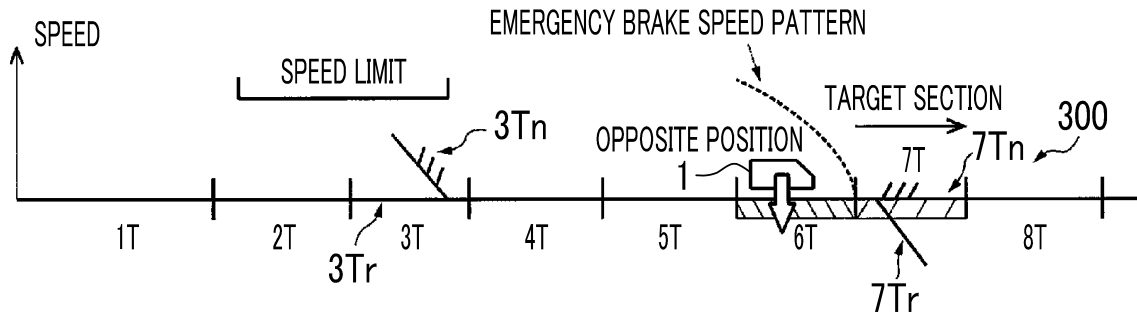
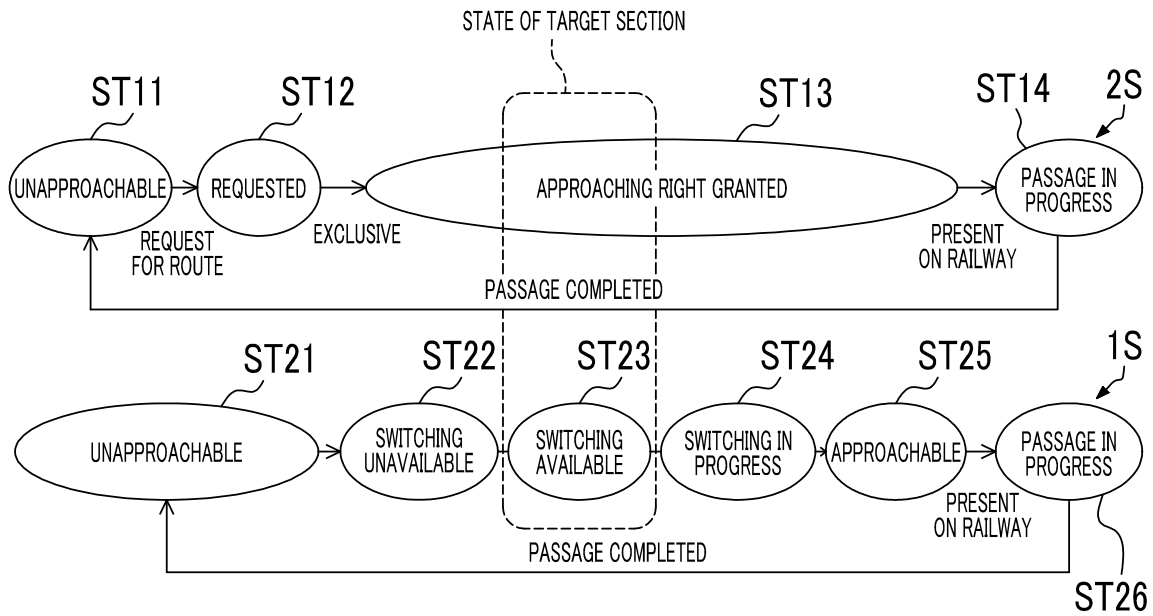


FIG. 20B



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FIG. 20C

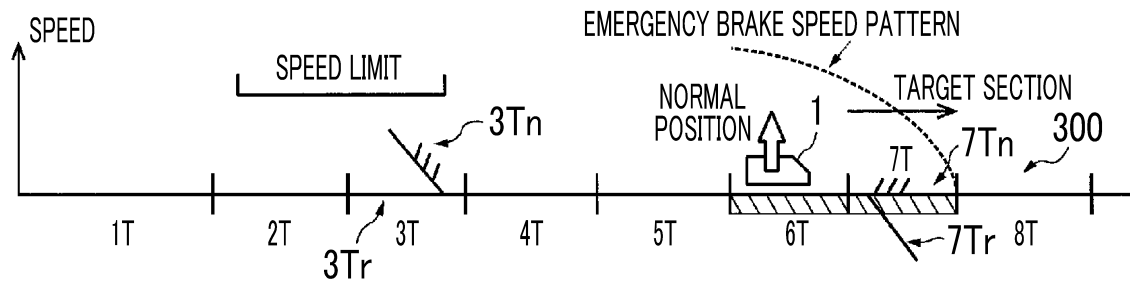
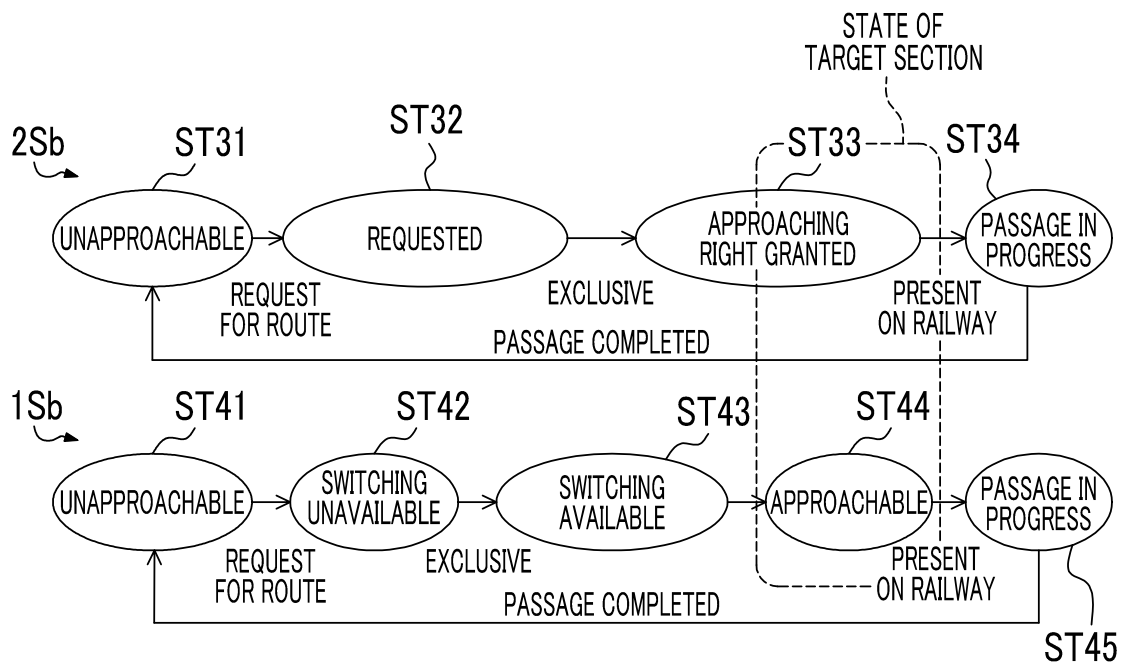


FIG. 20D



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FIG. 21A

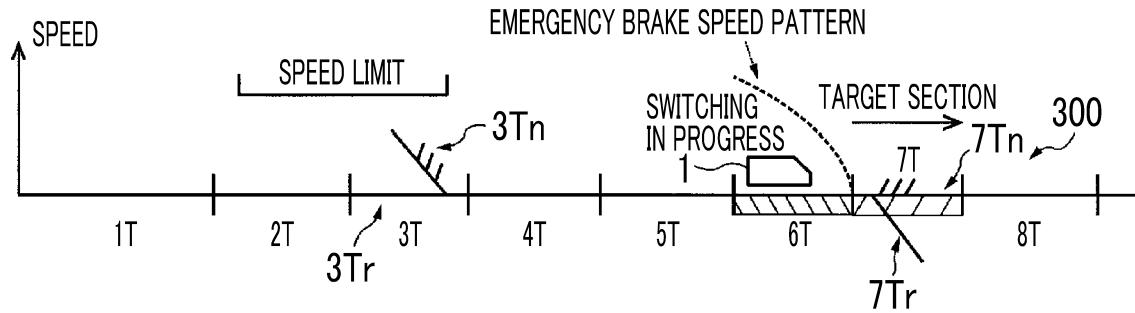
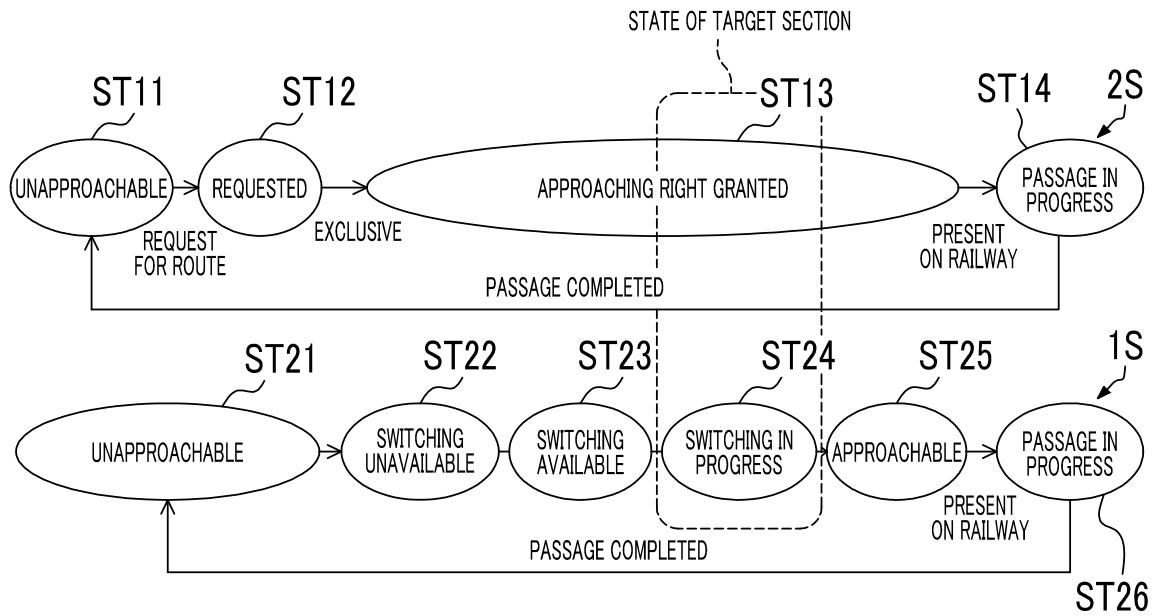


FIG. 21B



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FIG. 21C

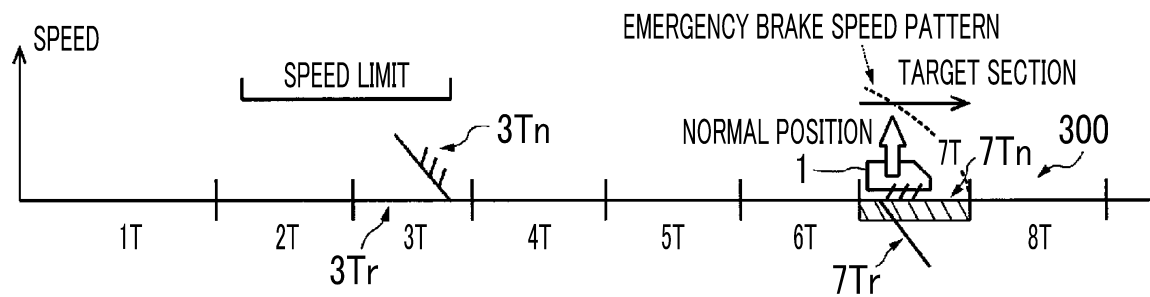
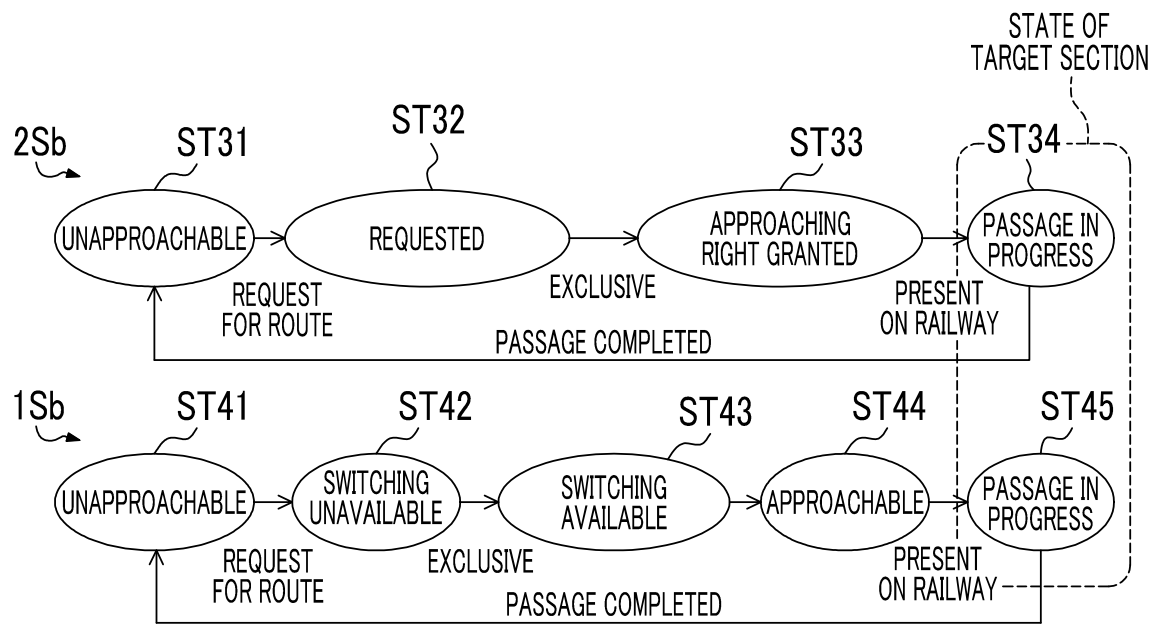


FIG. 21D



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FIG. 22

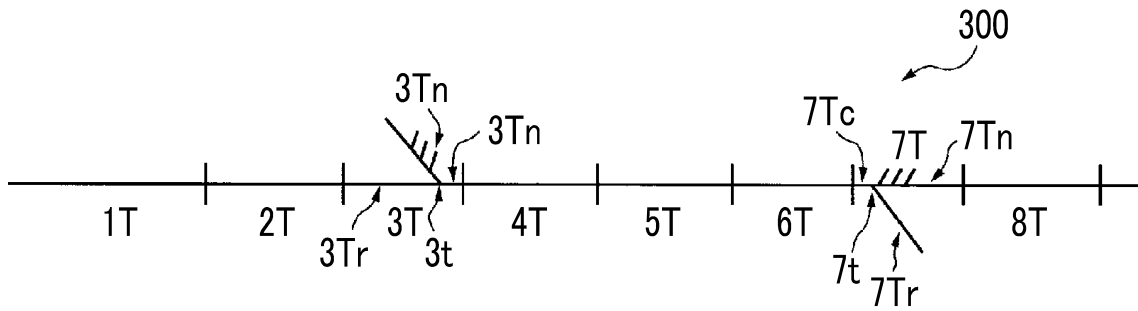


FIG. 23

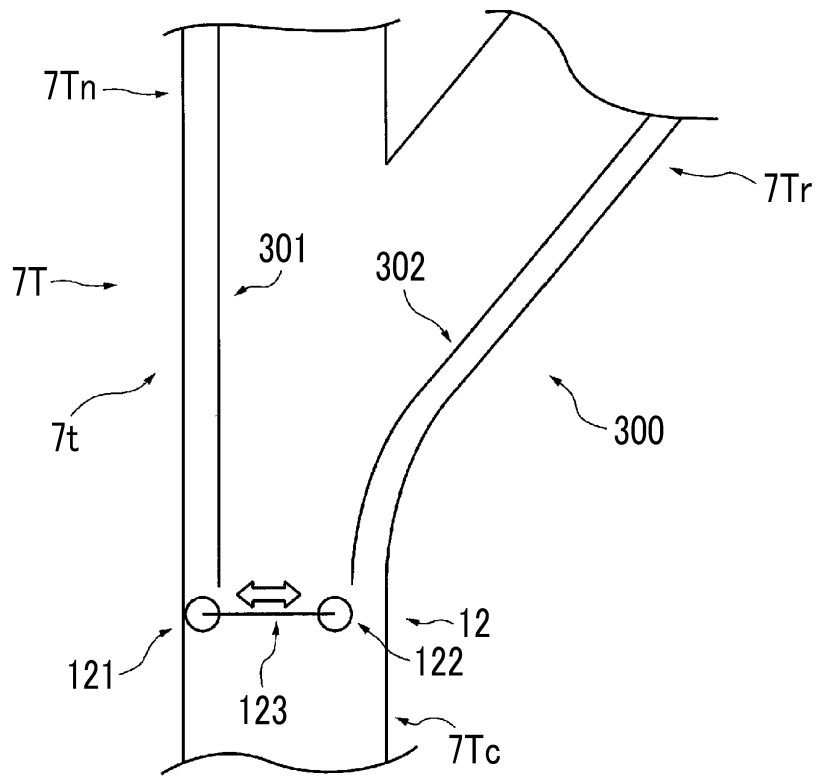


FIG. 24

