

FIG. 1

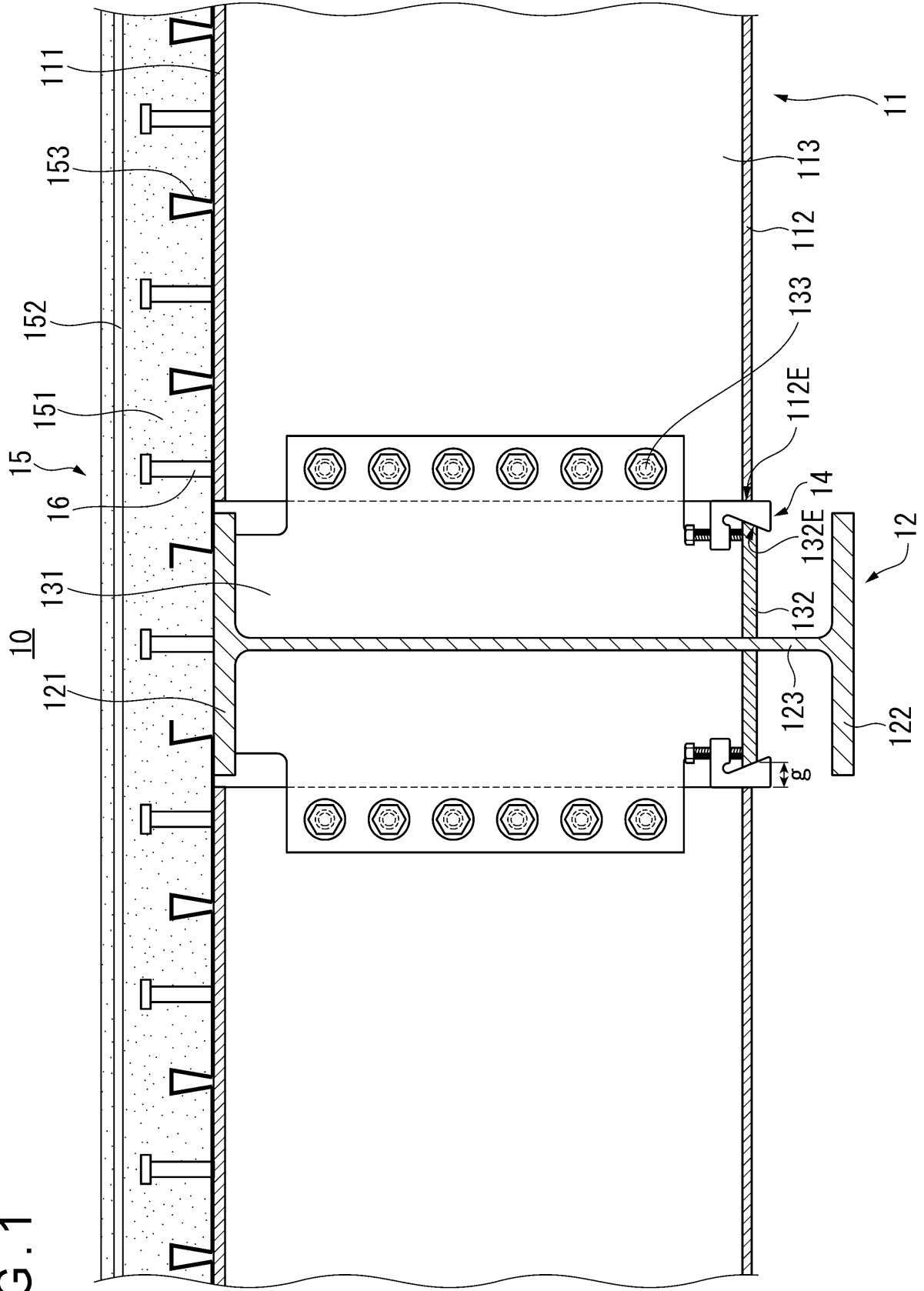


FIG. 2

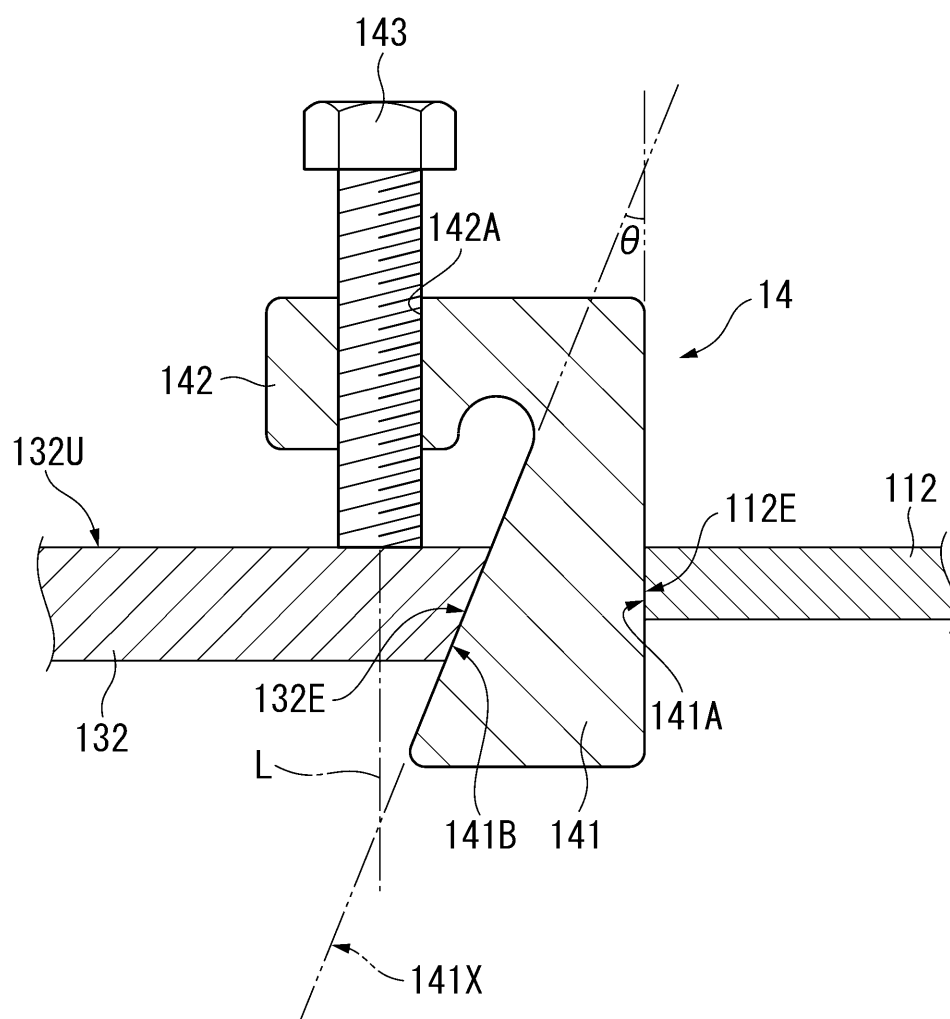
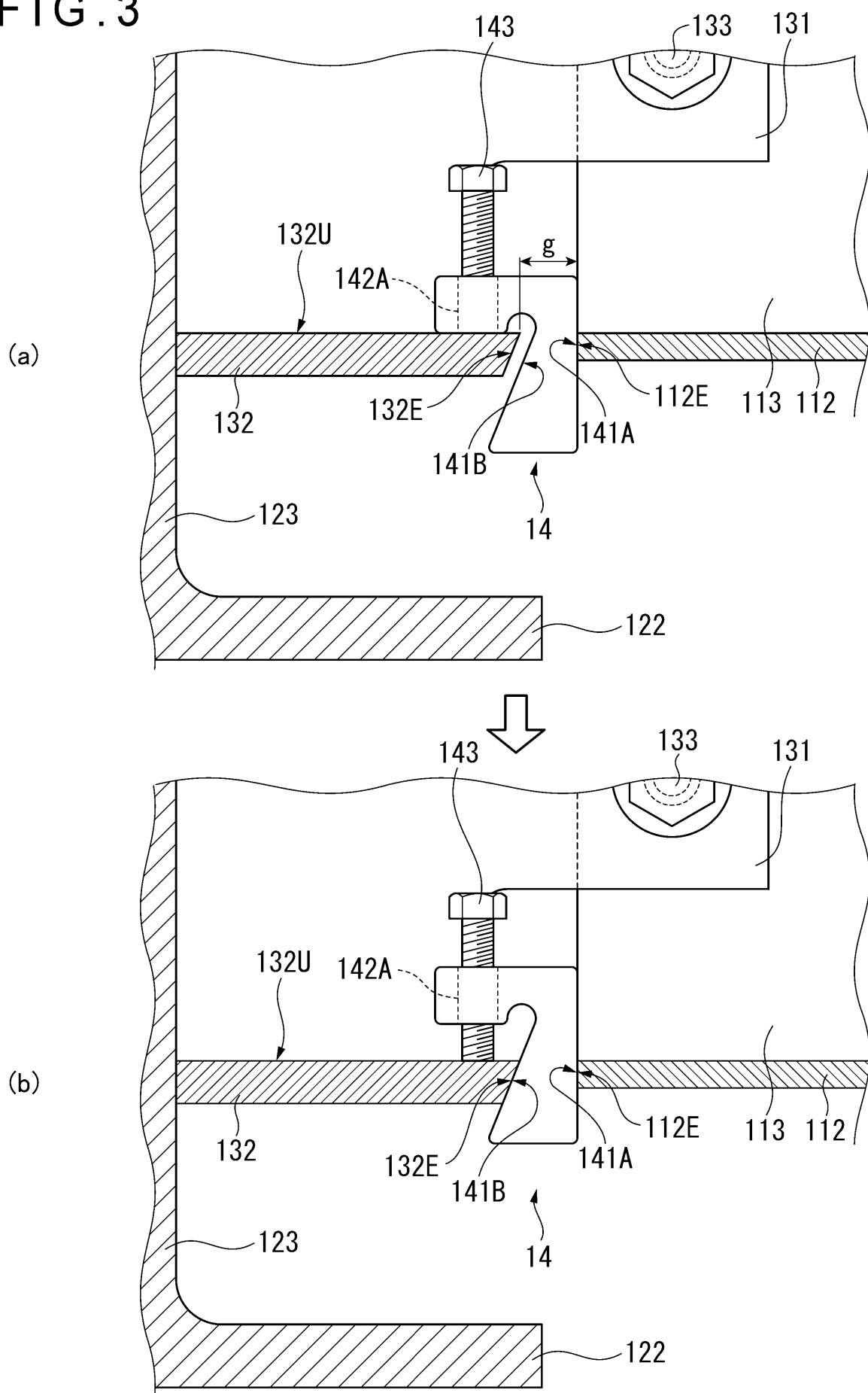


FIG. 3

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FIG. 4

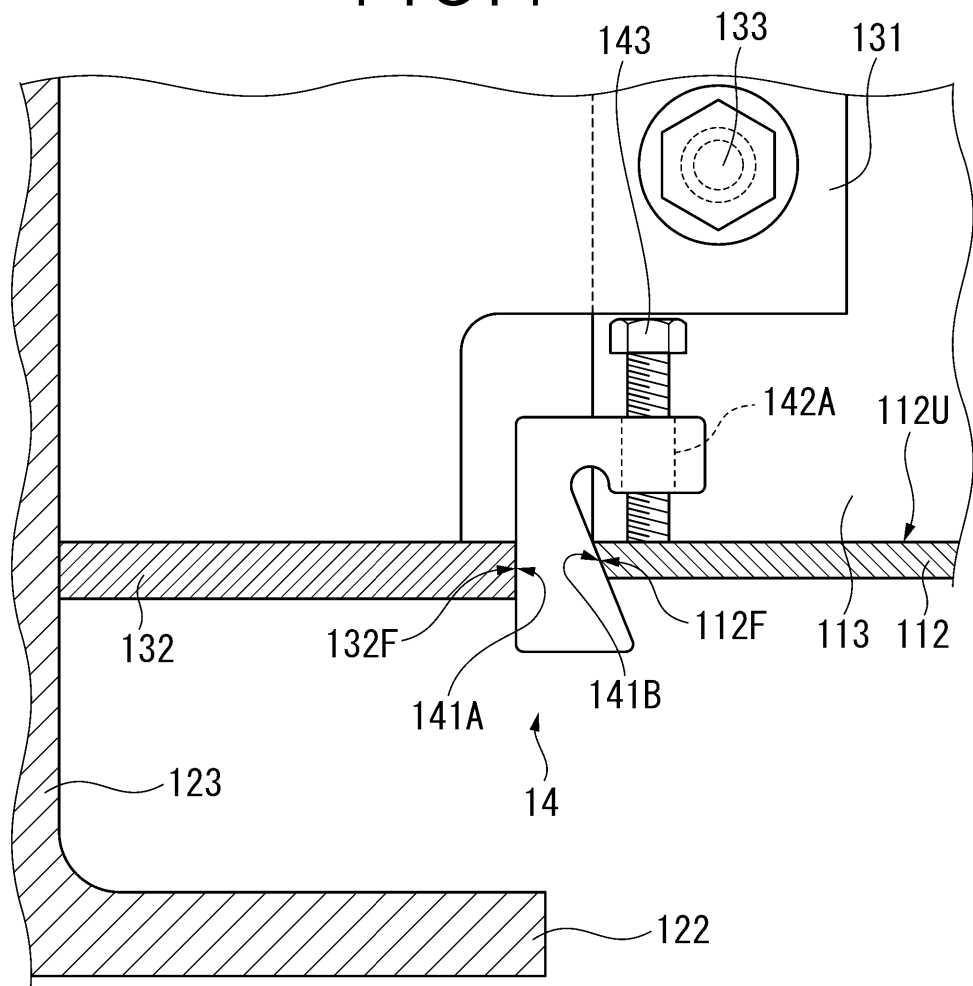


FIG. 5

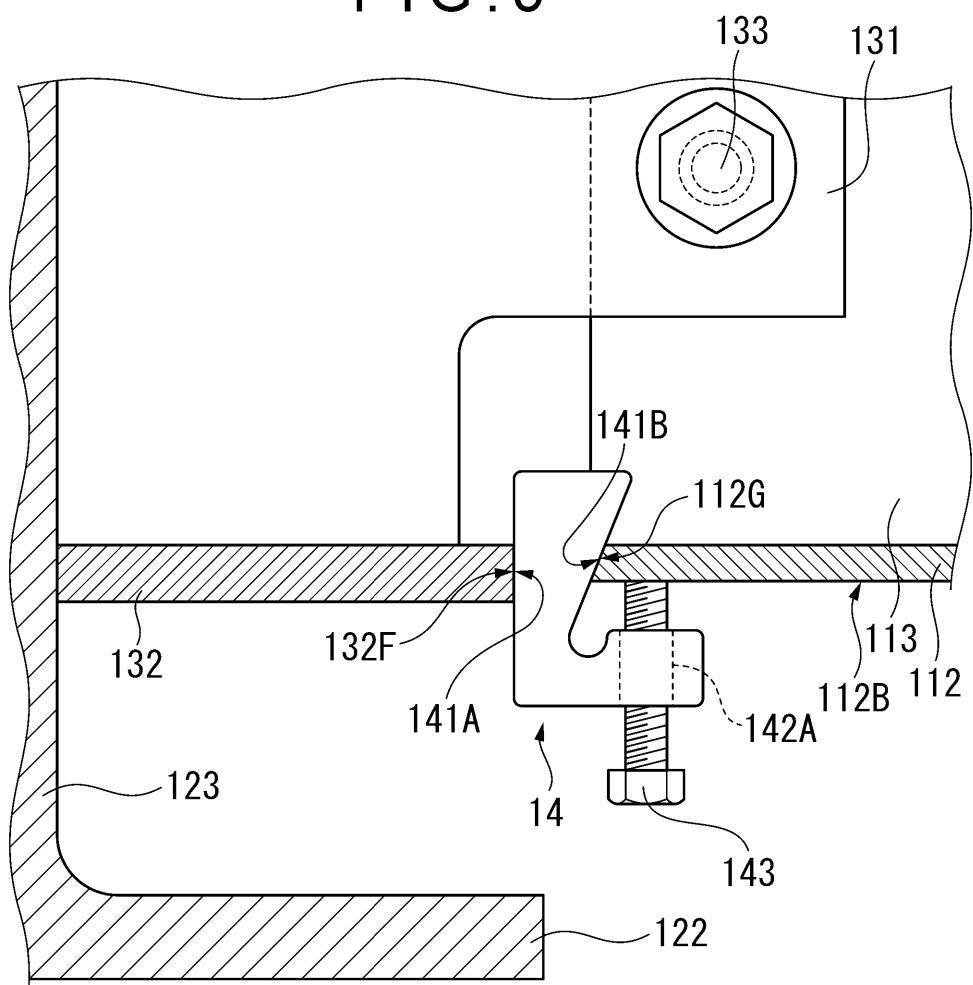


FIG. 7

10B

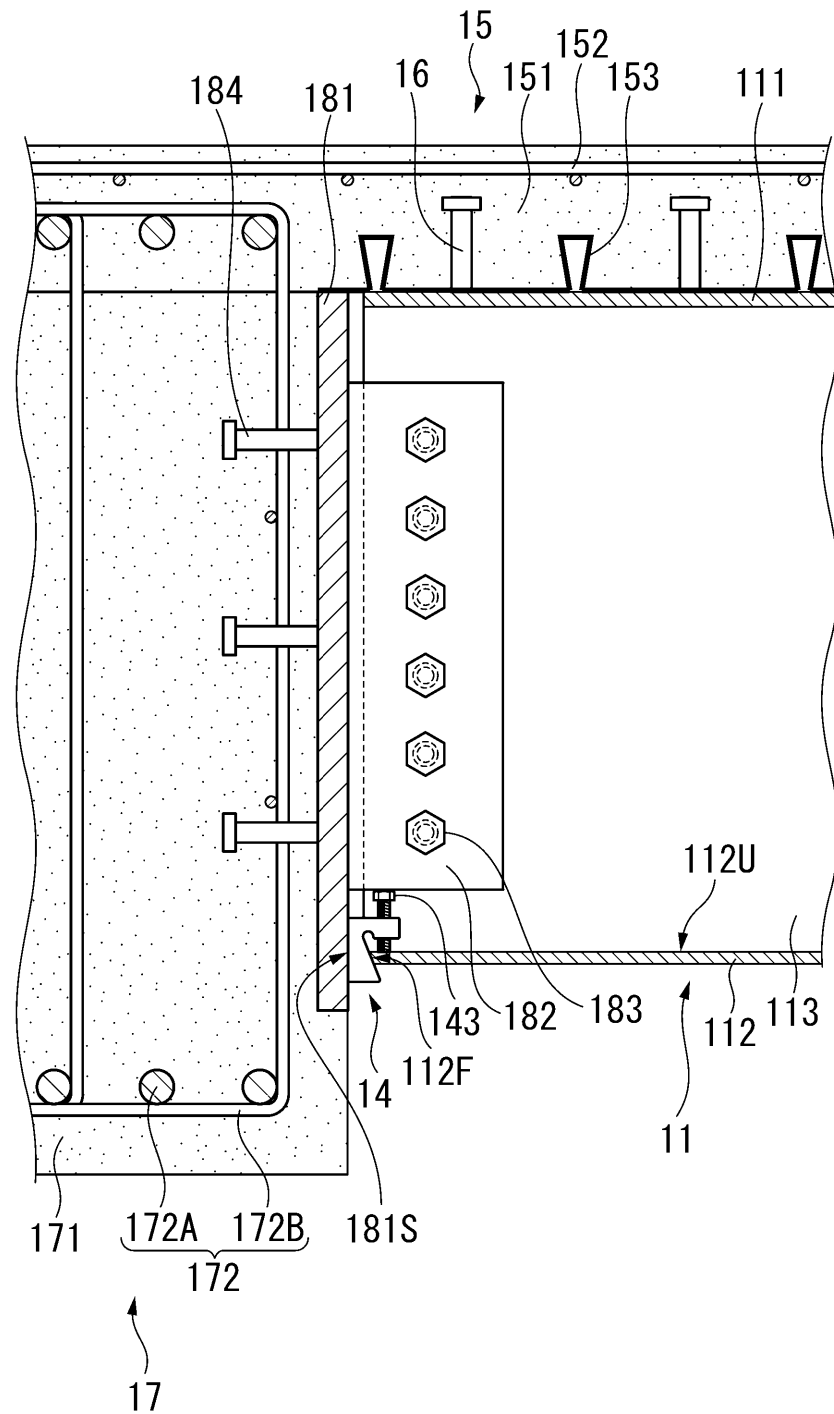


FIG. 8

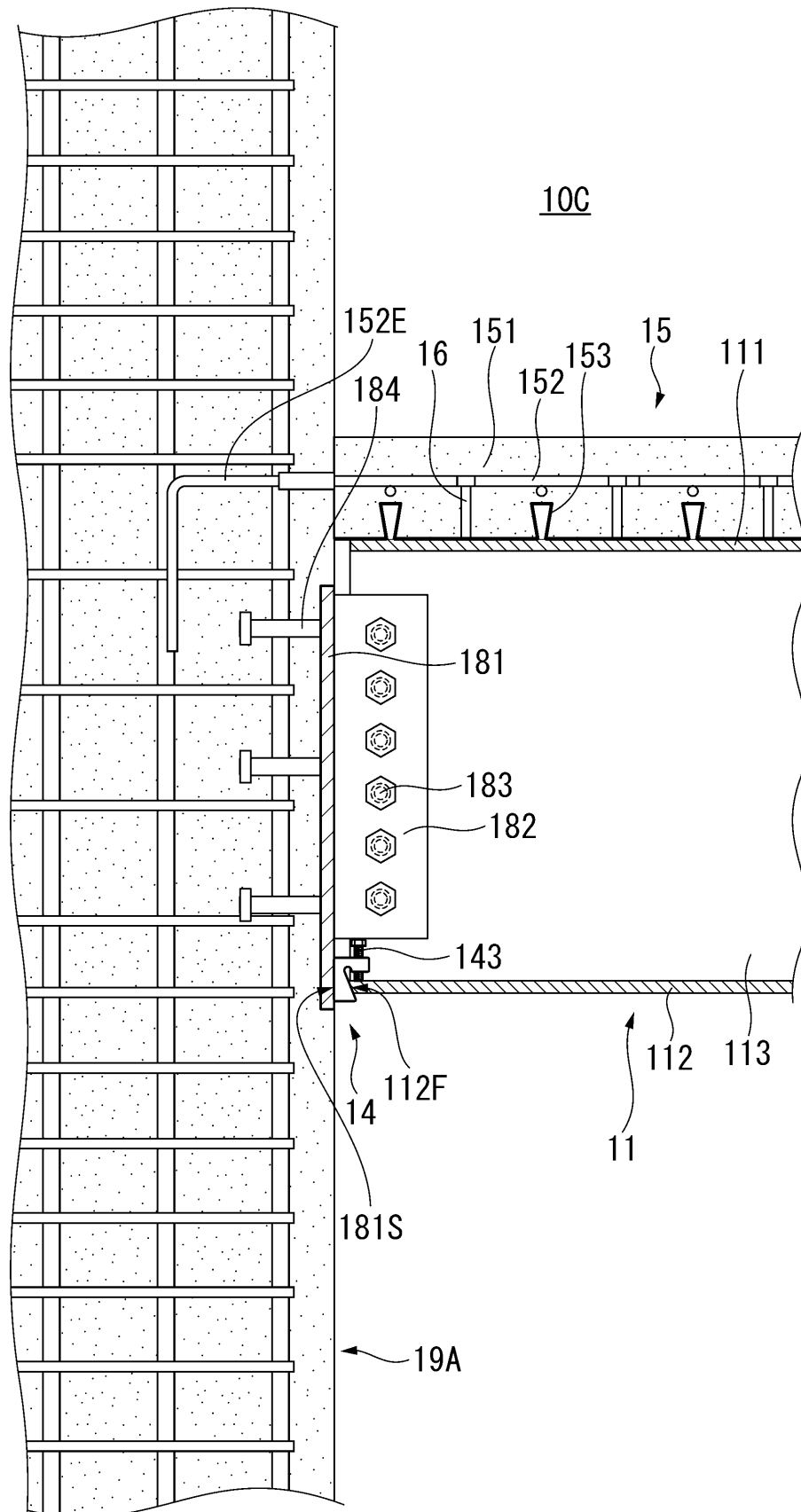
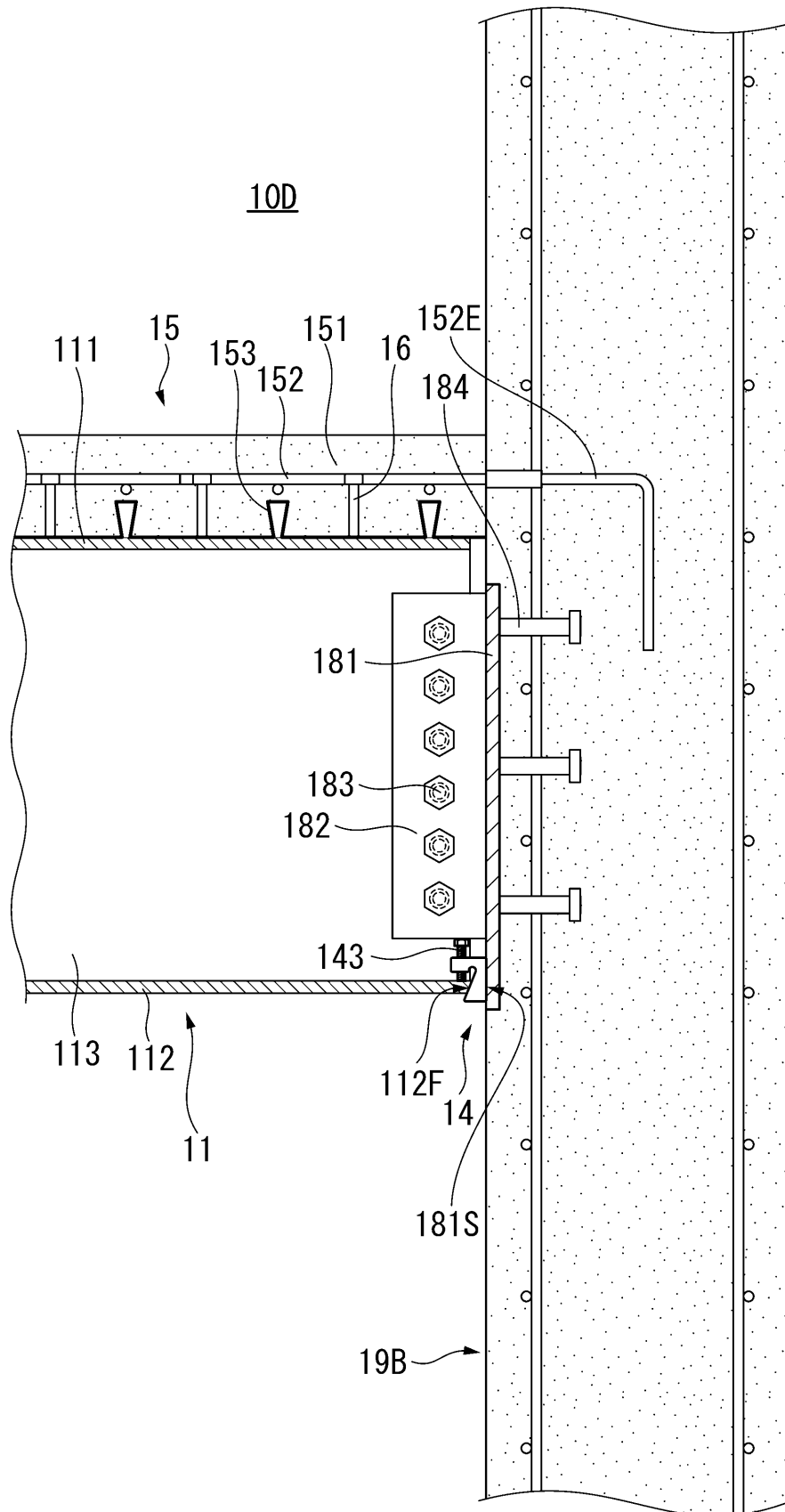
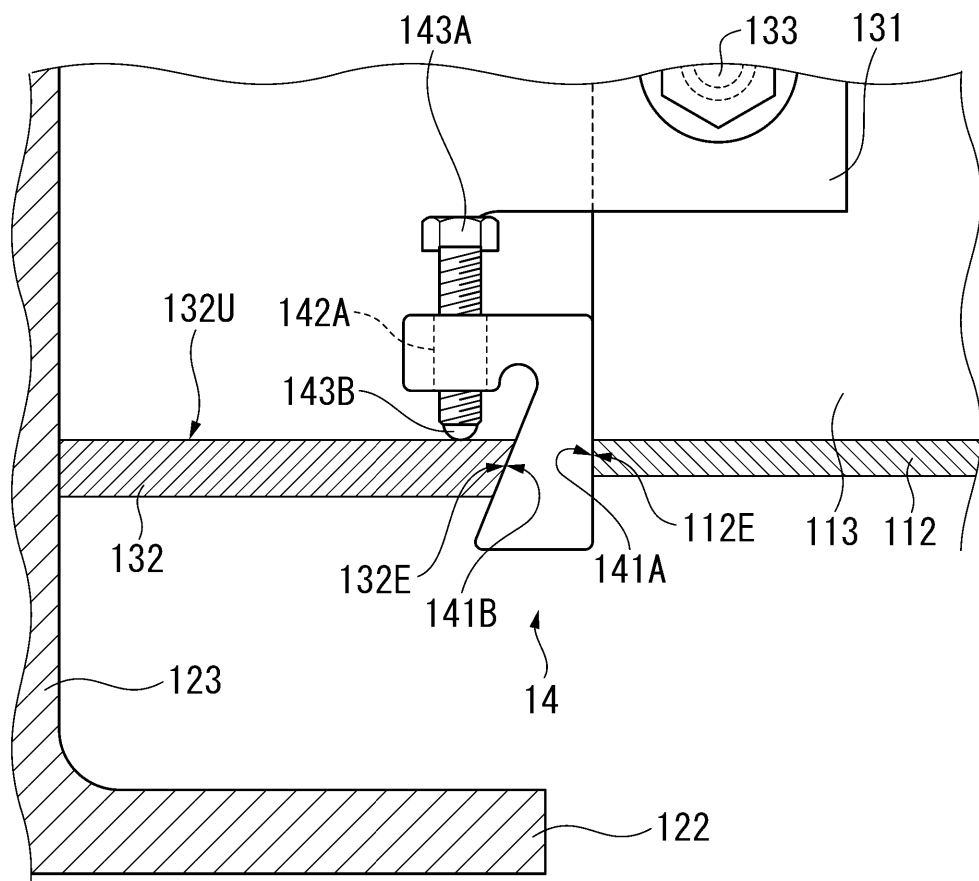
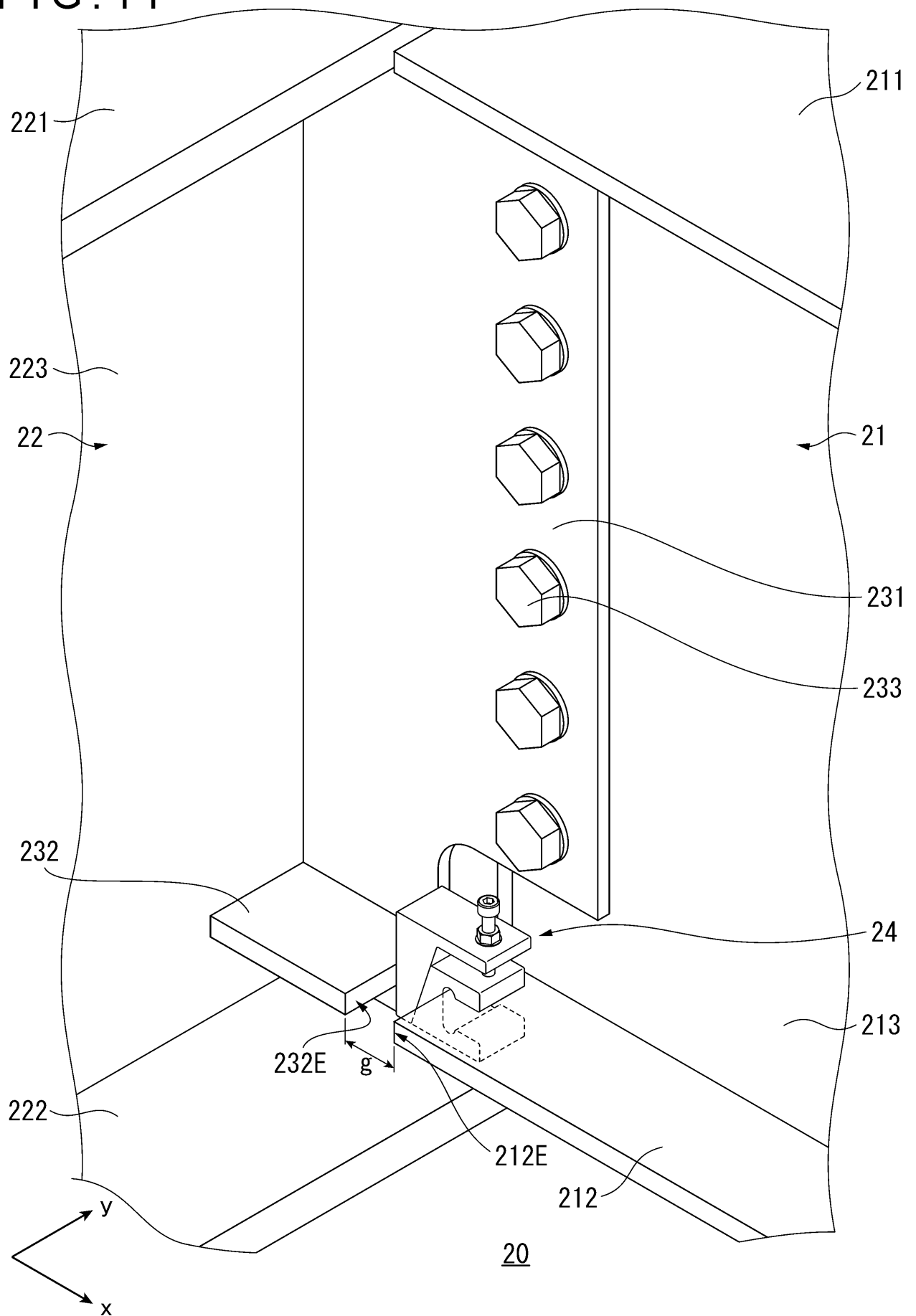


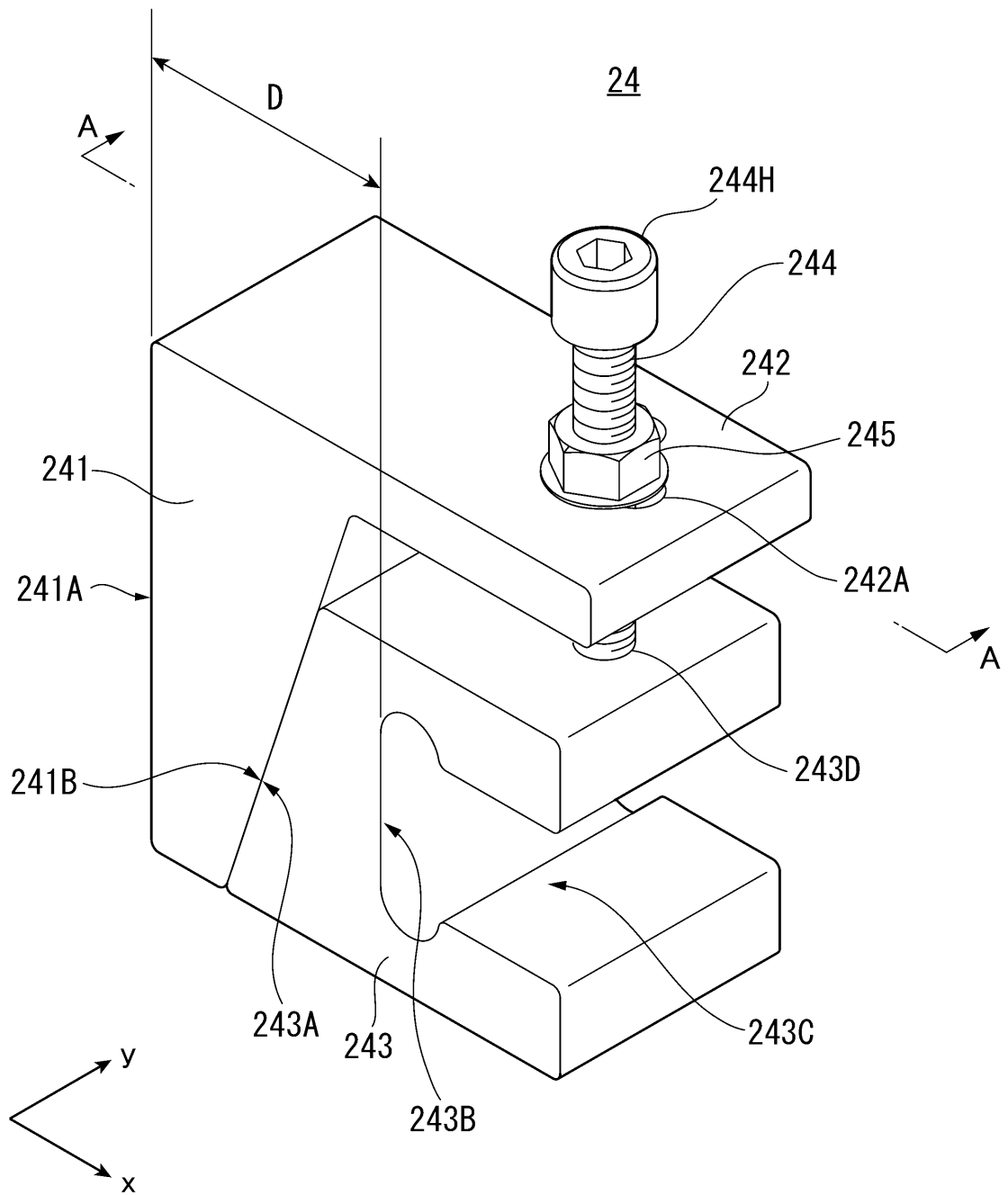
FIG. 9







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FIG. 12



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FIG. 13

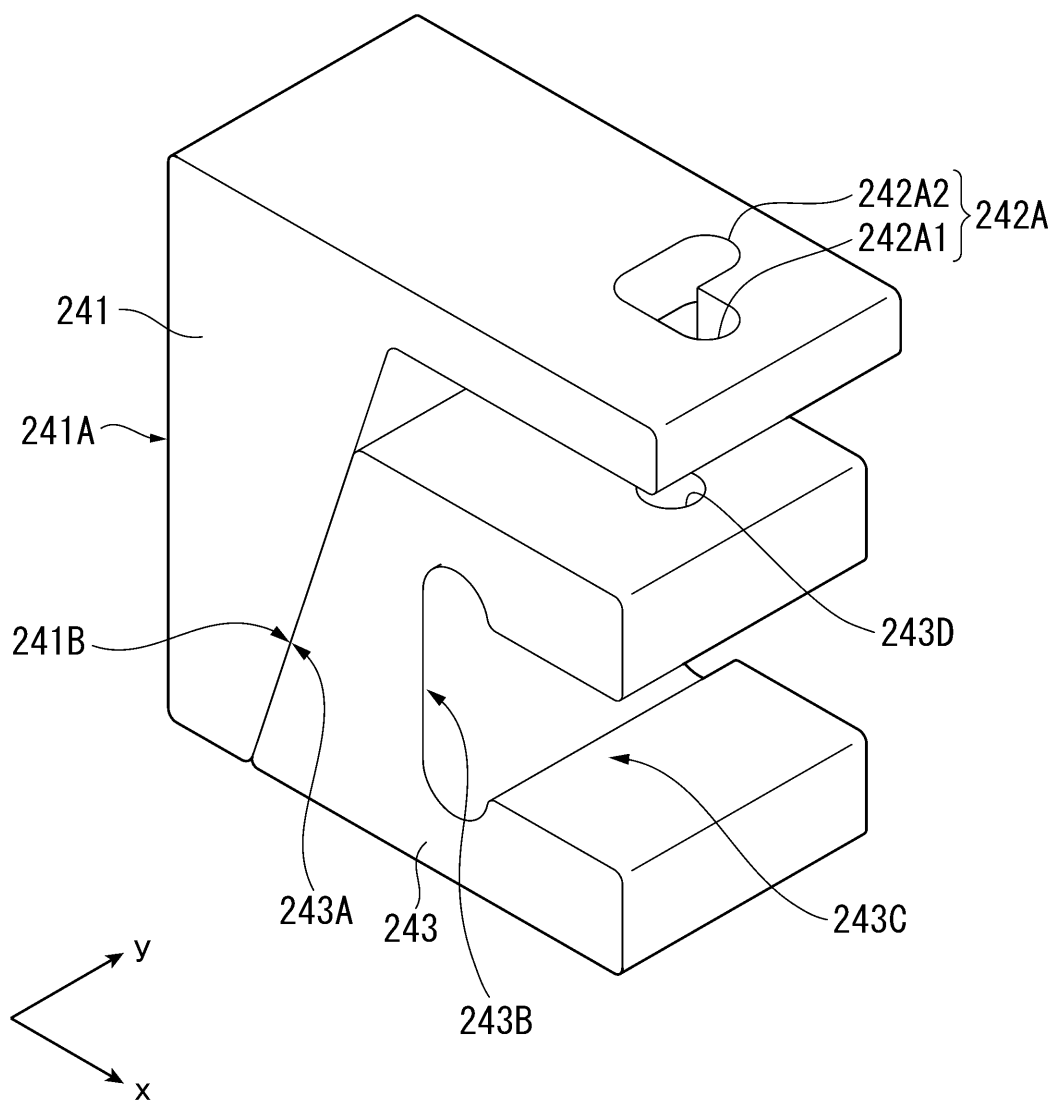


FIG. 14

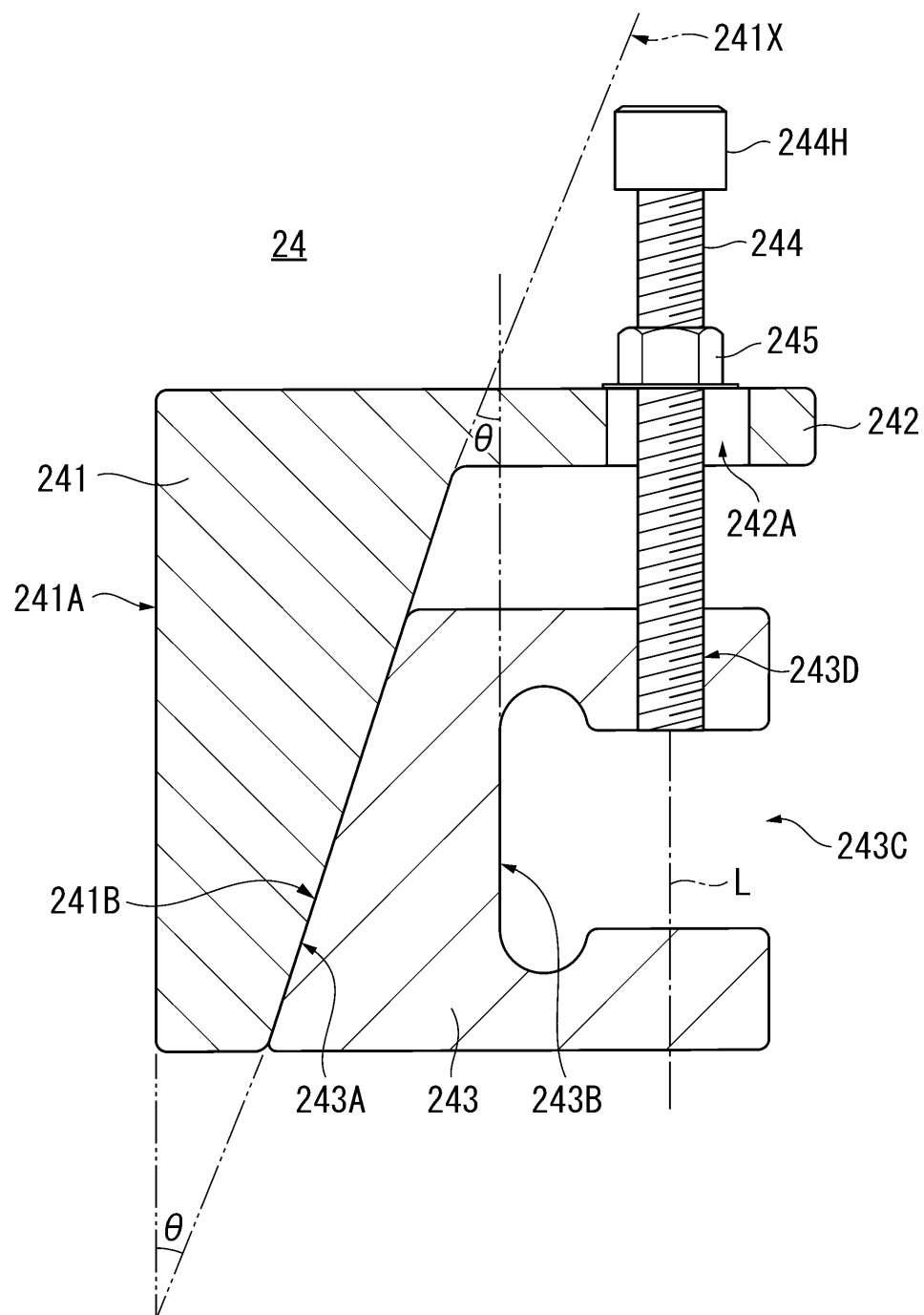


FIG. 15A

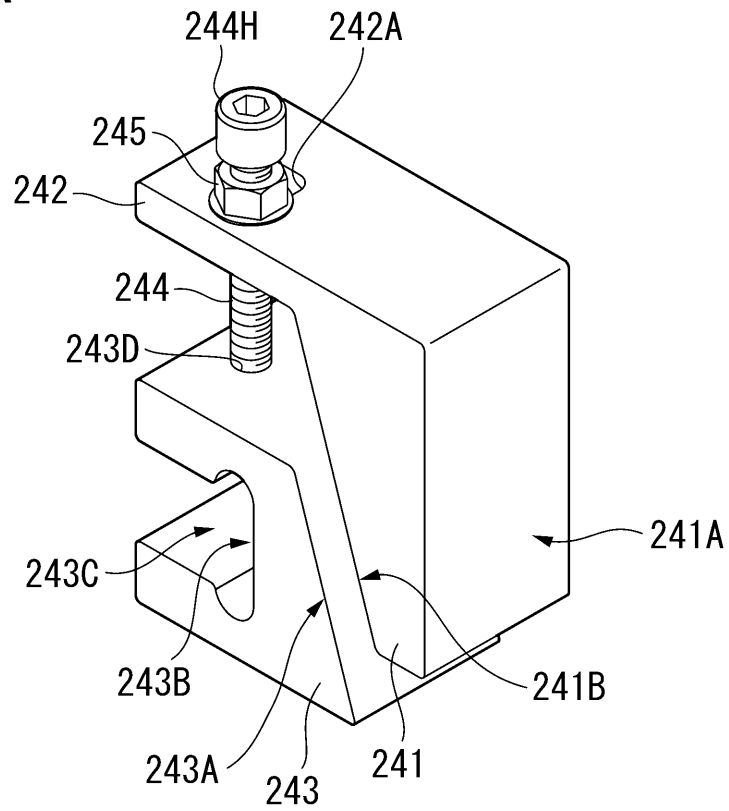


FIG. 15B

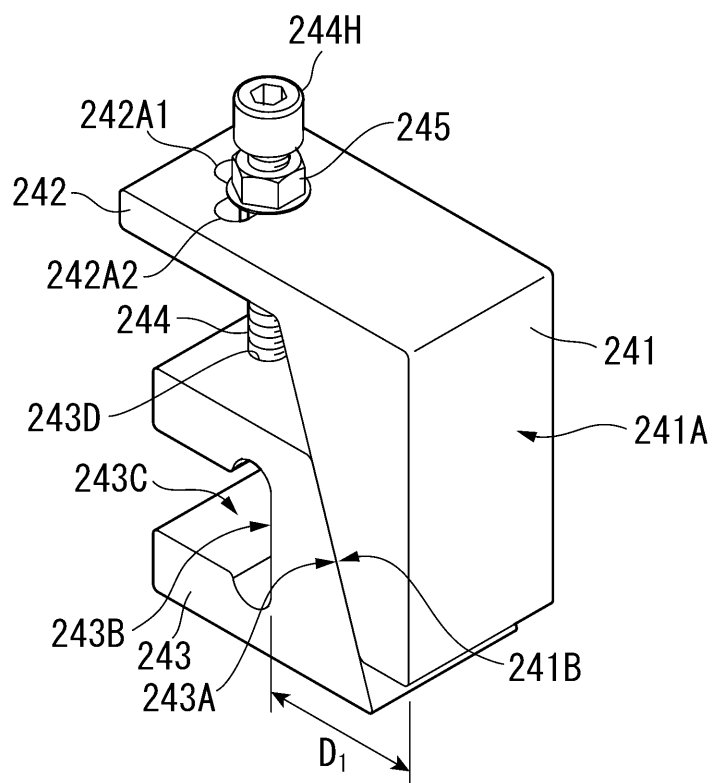


FIG. 16A

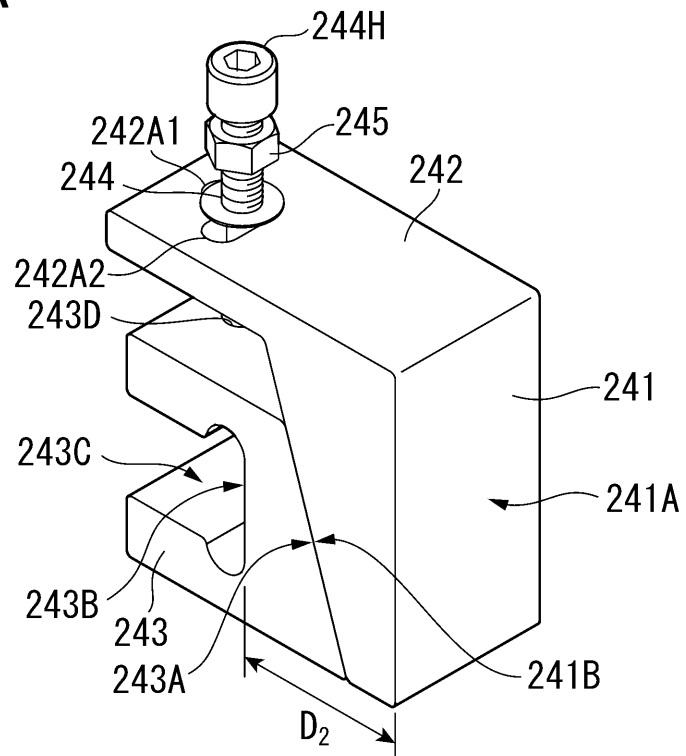


FIG. 16B

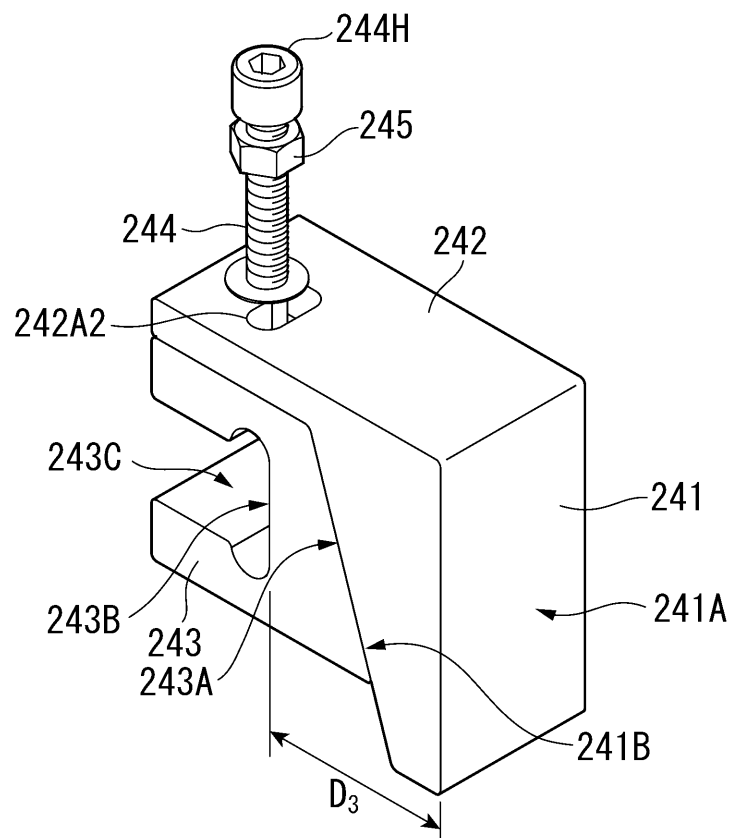


FIG. 17A

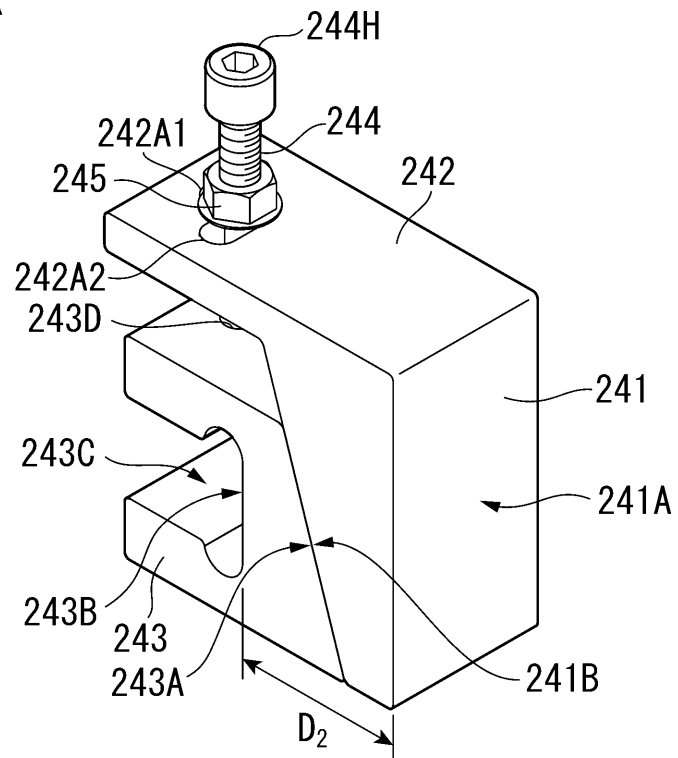
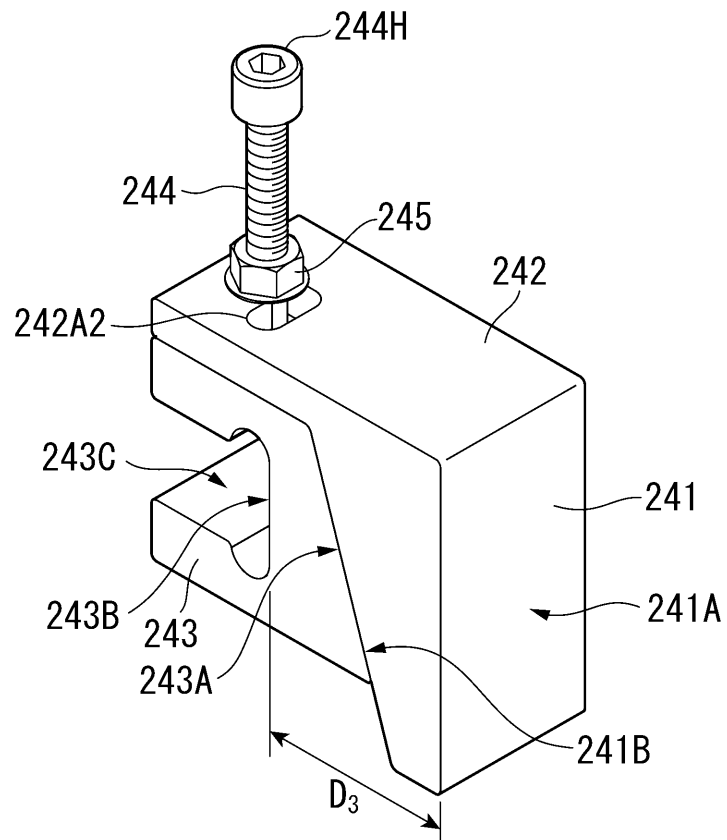


FIG. 17B



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FIG. 18

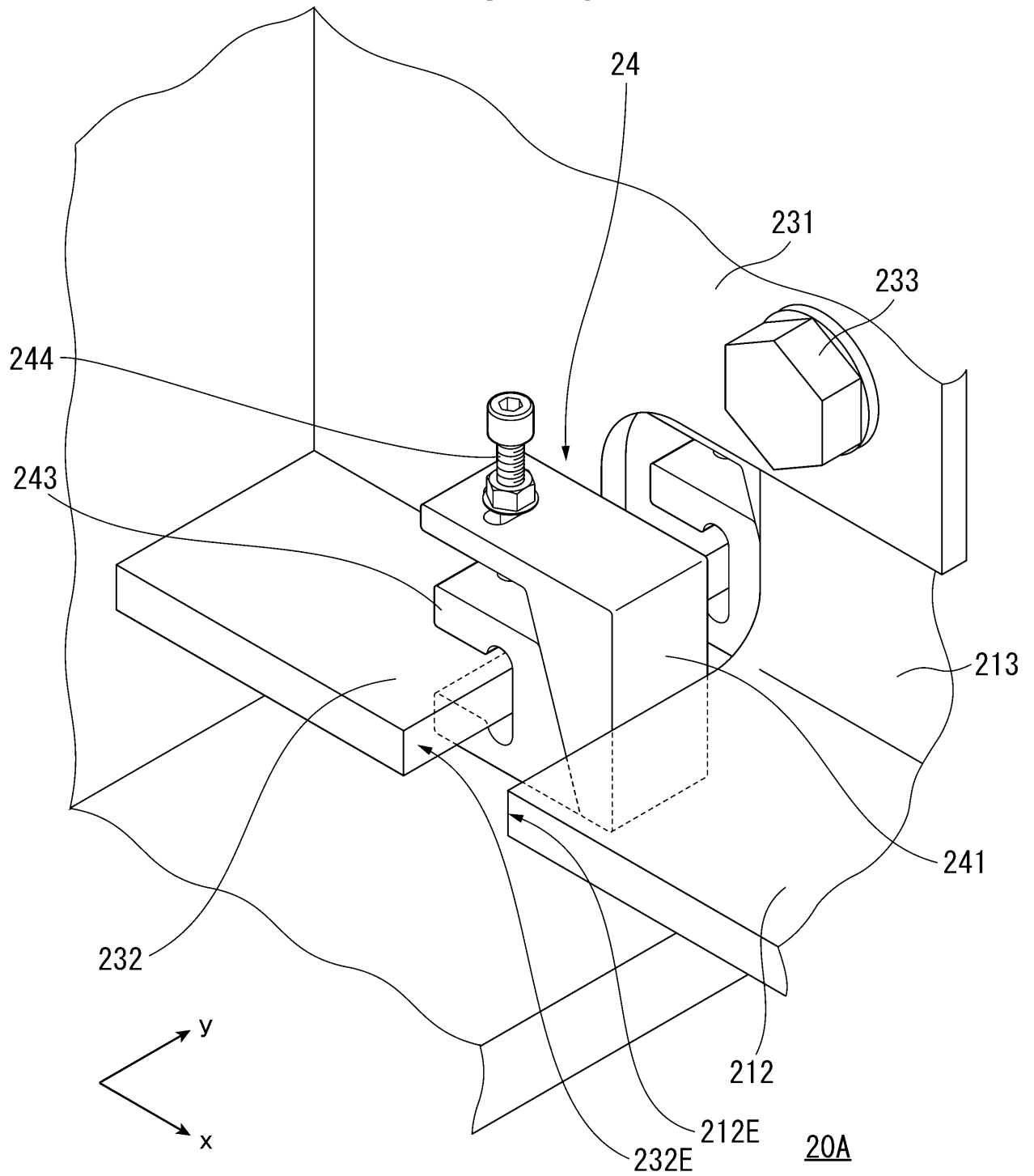
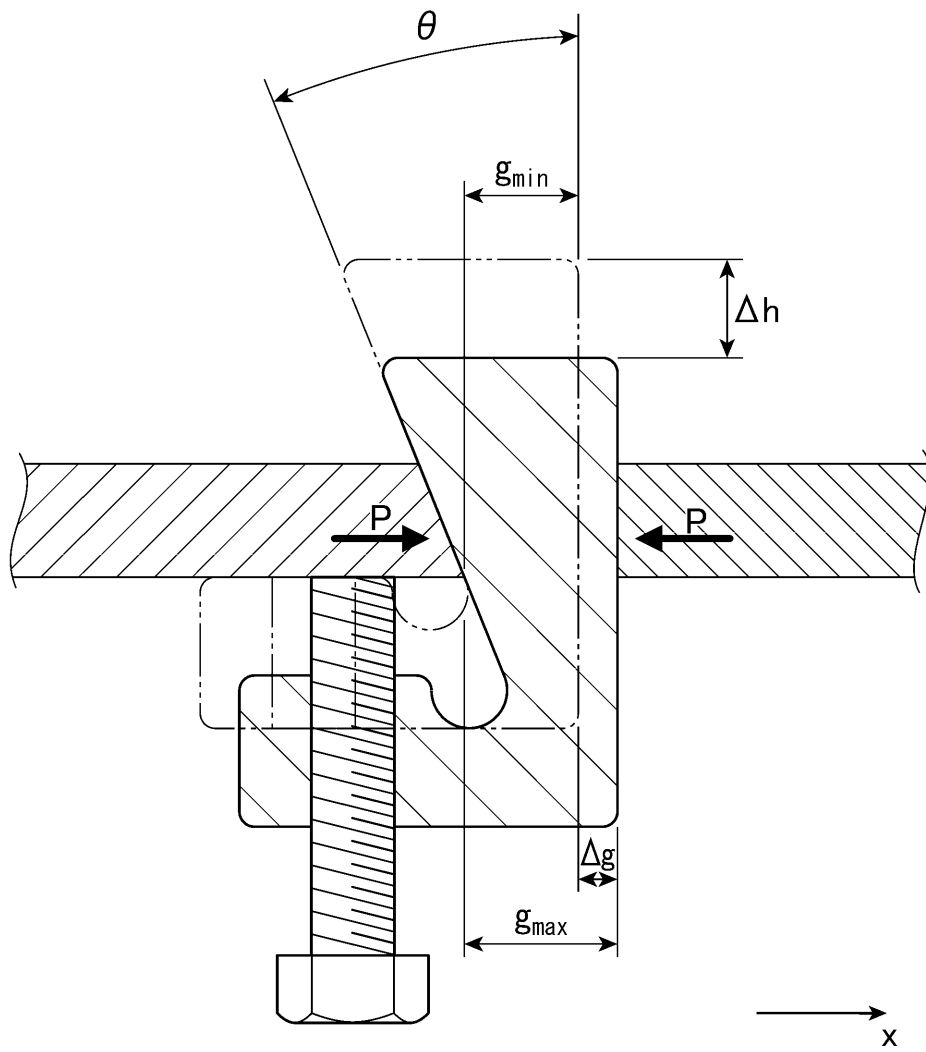


FIG. 19



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FIG. 20

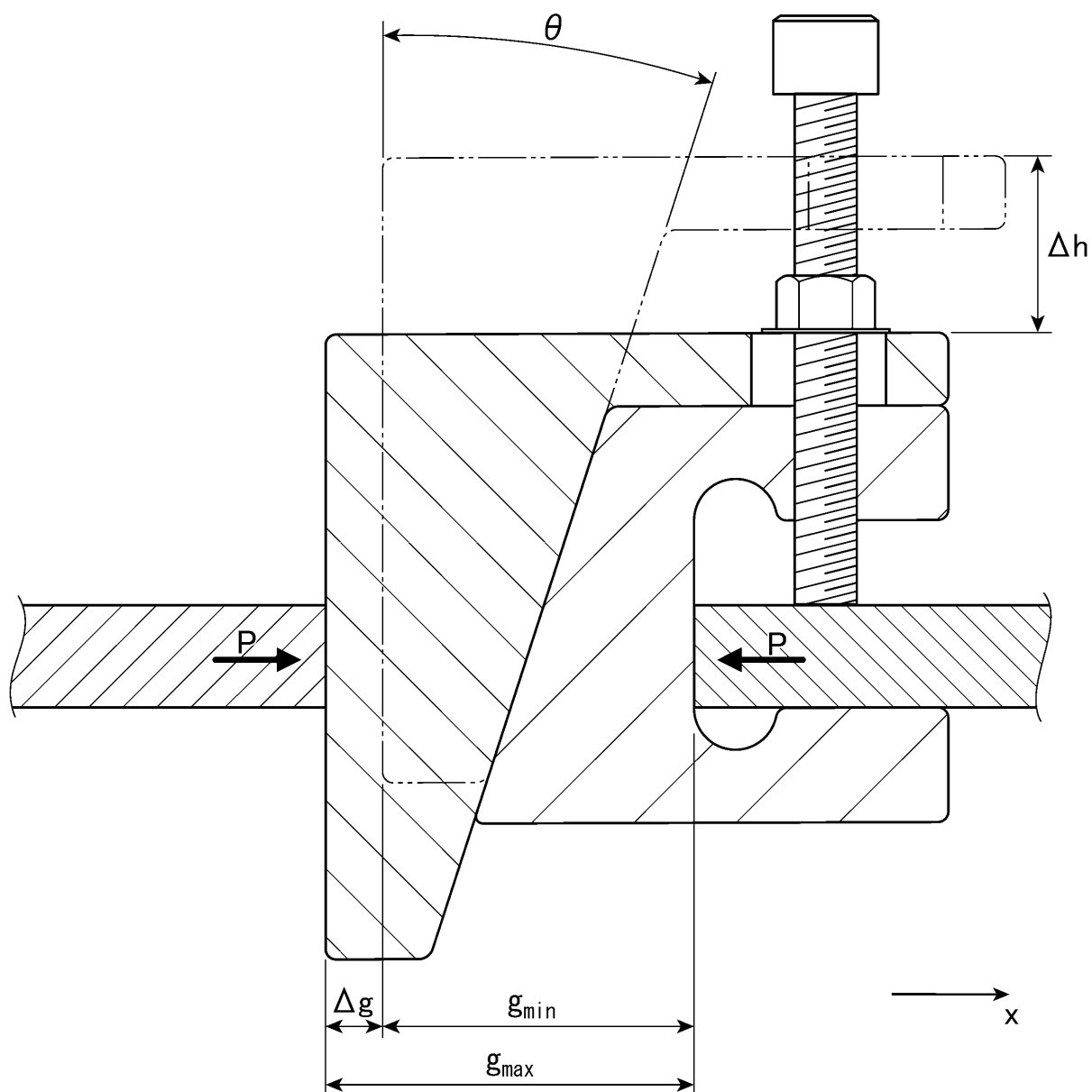


FIG. 21

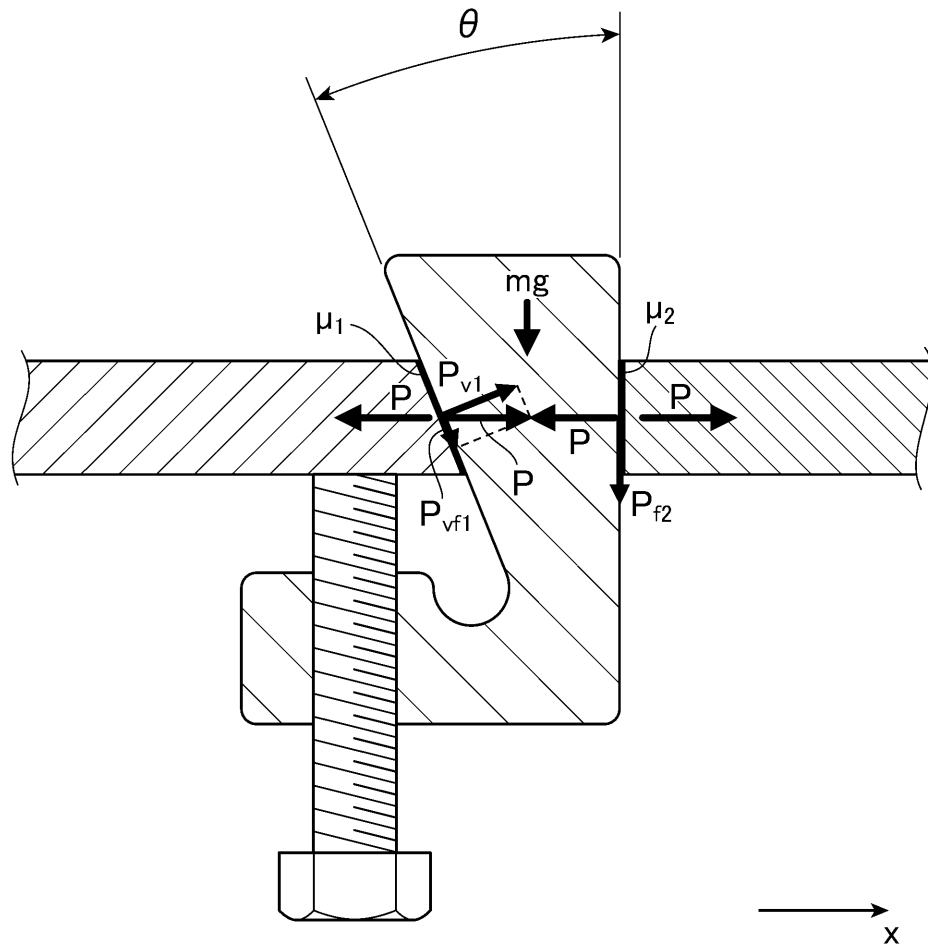
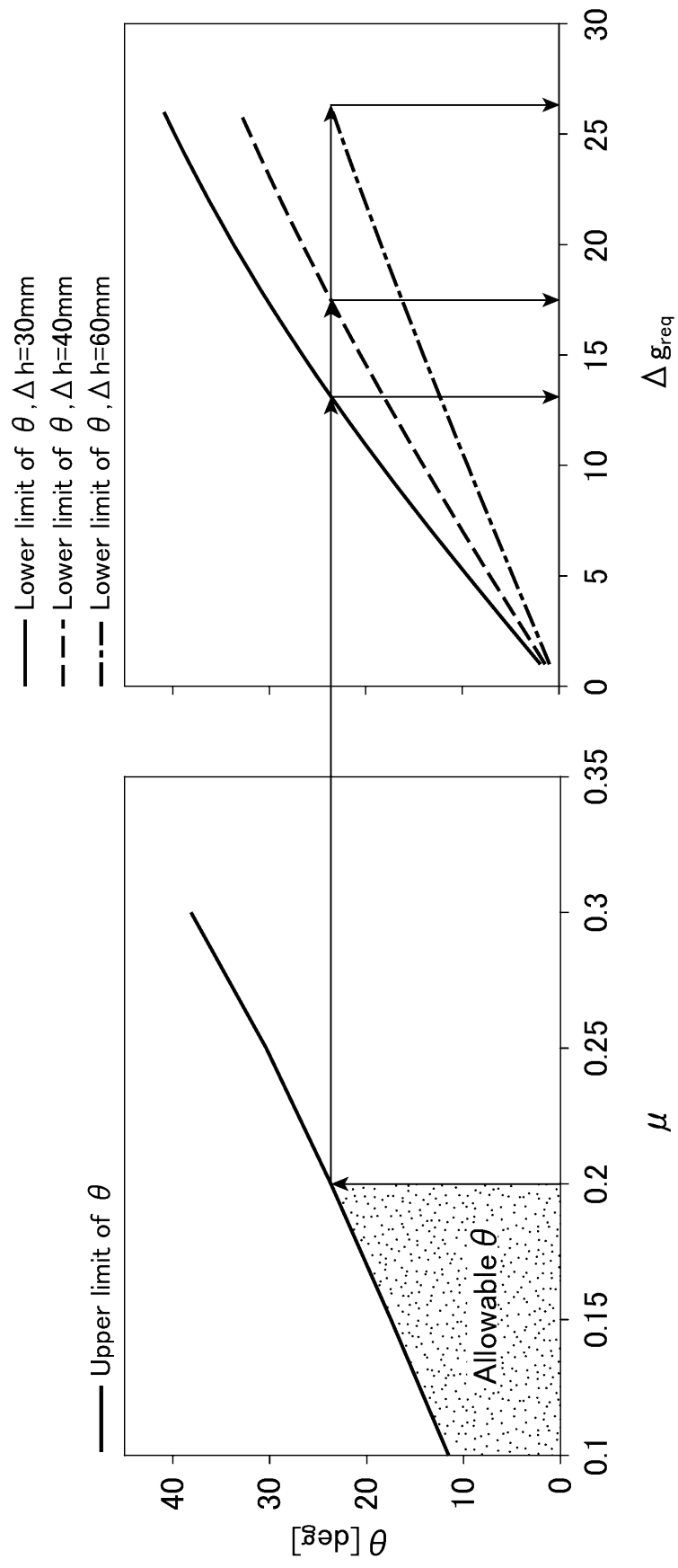


FIG.22



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FIG. 23

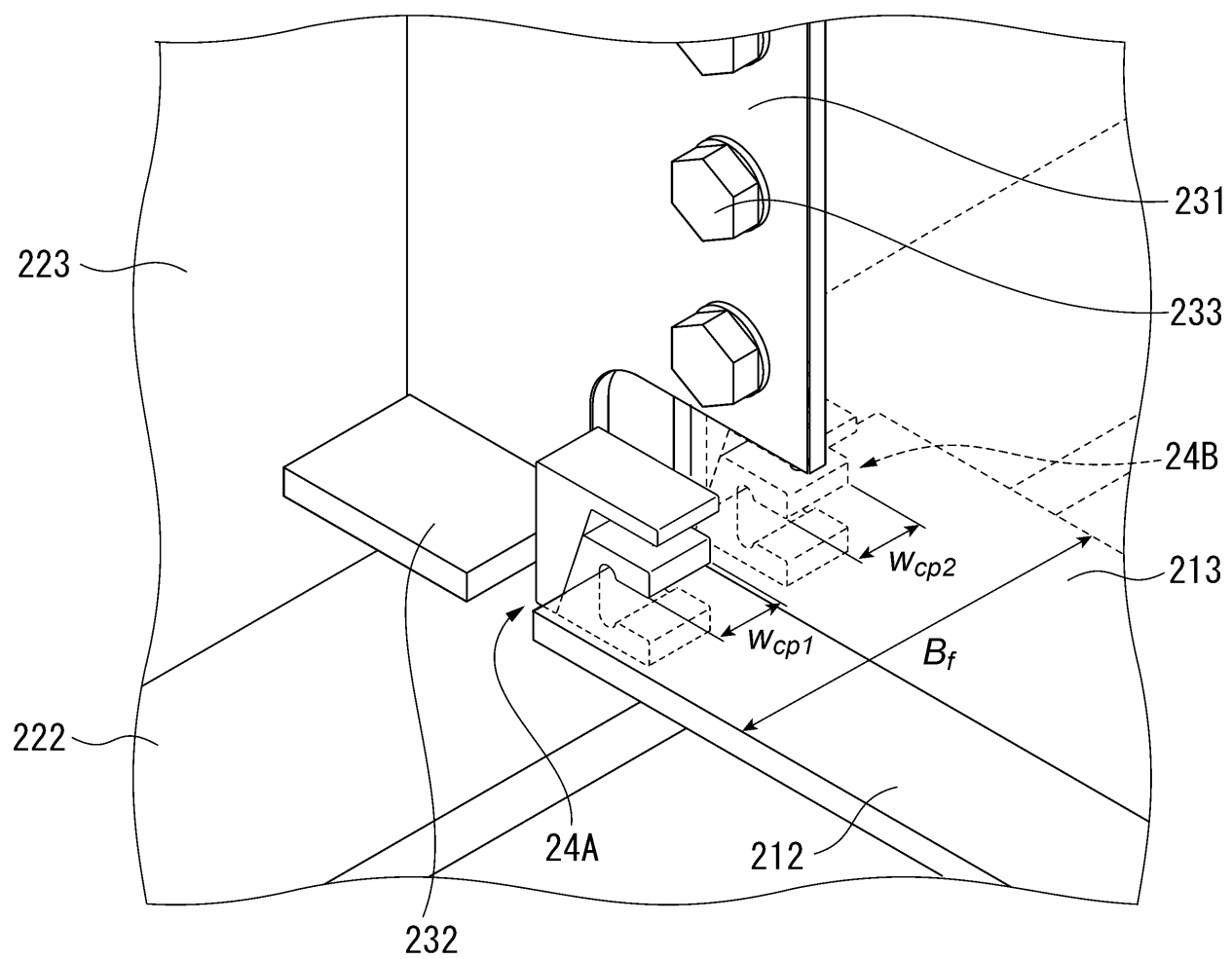


FIG.25A

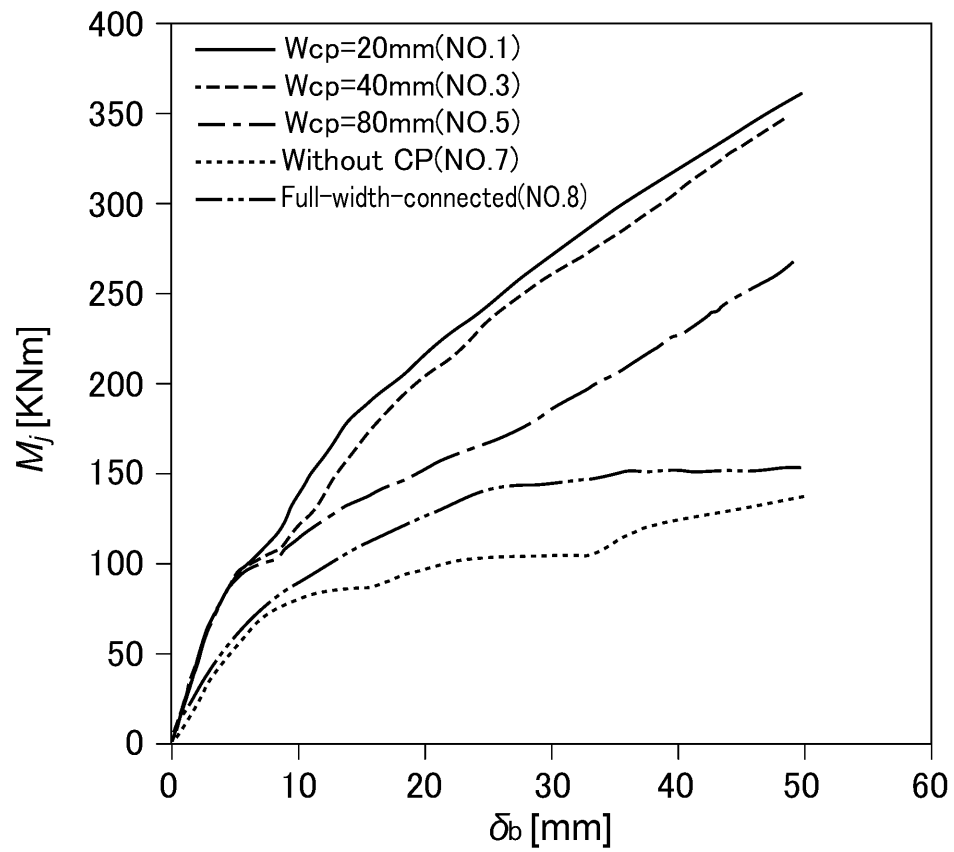


FIG.25B

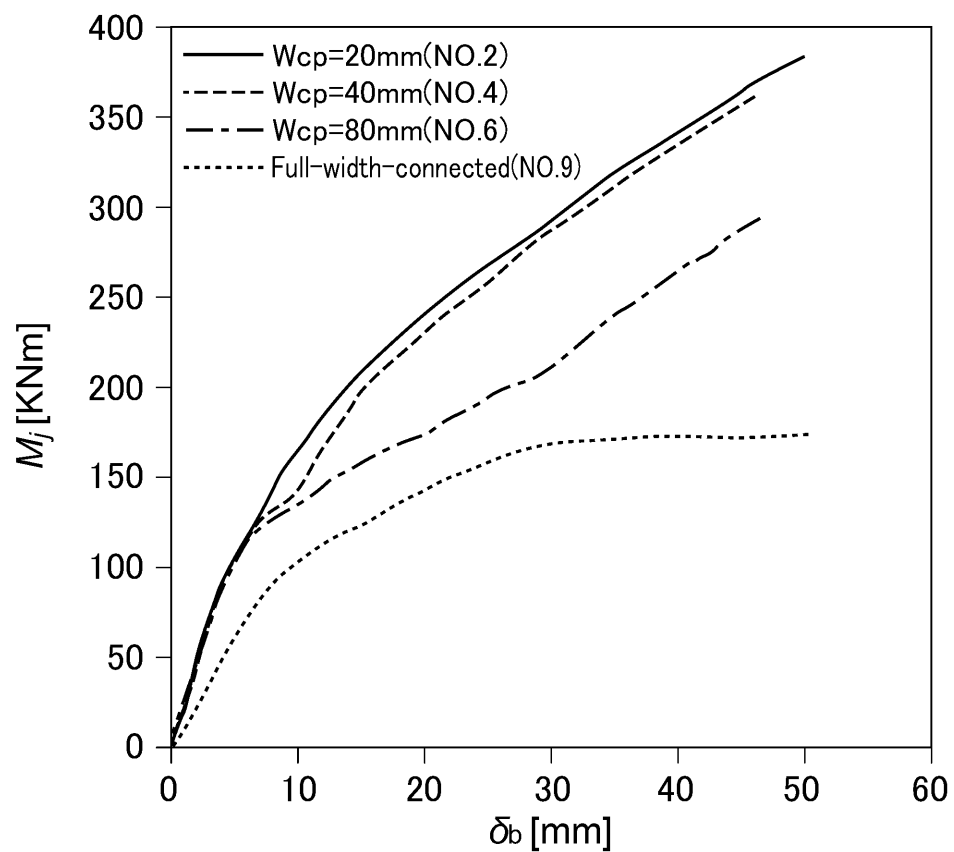


FIG. 26A

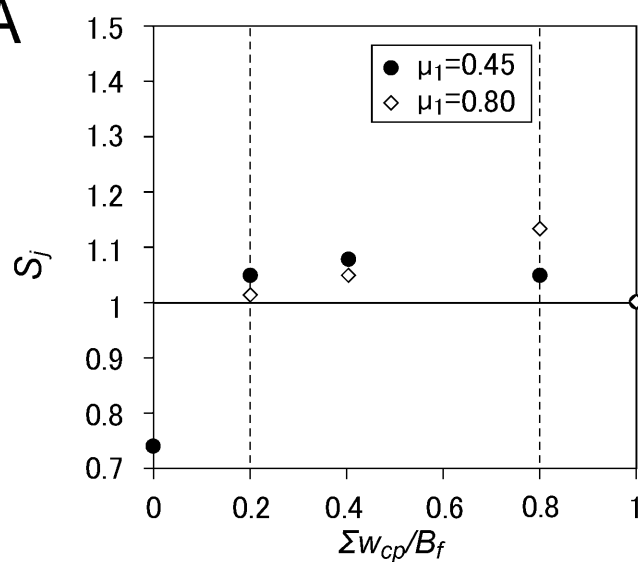


FIG. 26B

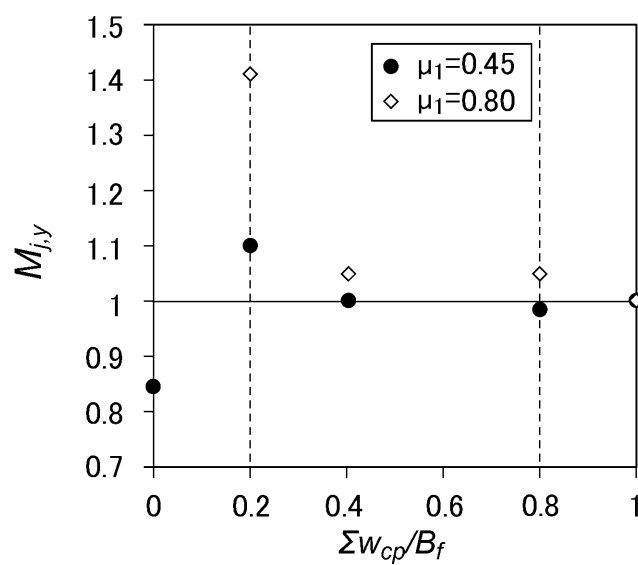


FIG. 26C

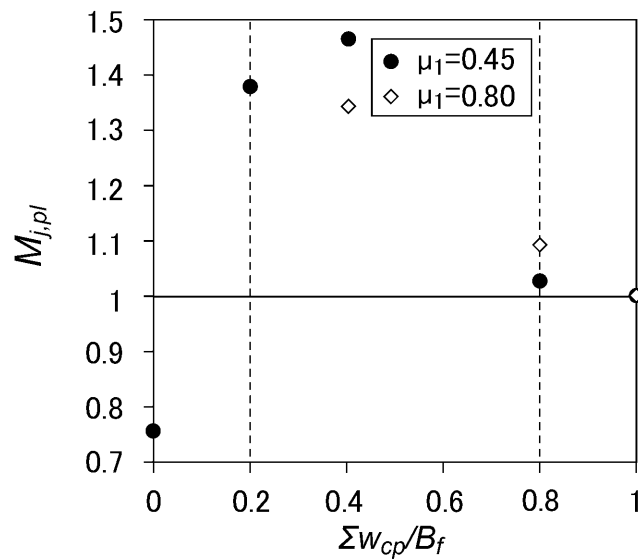


FIG.27

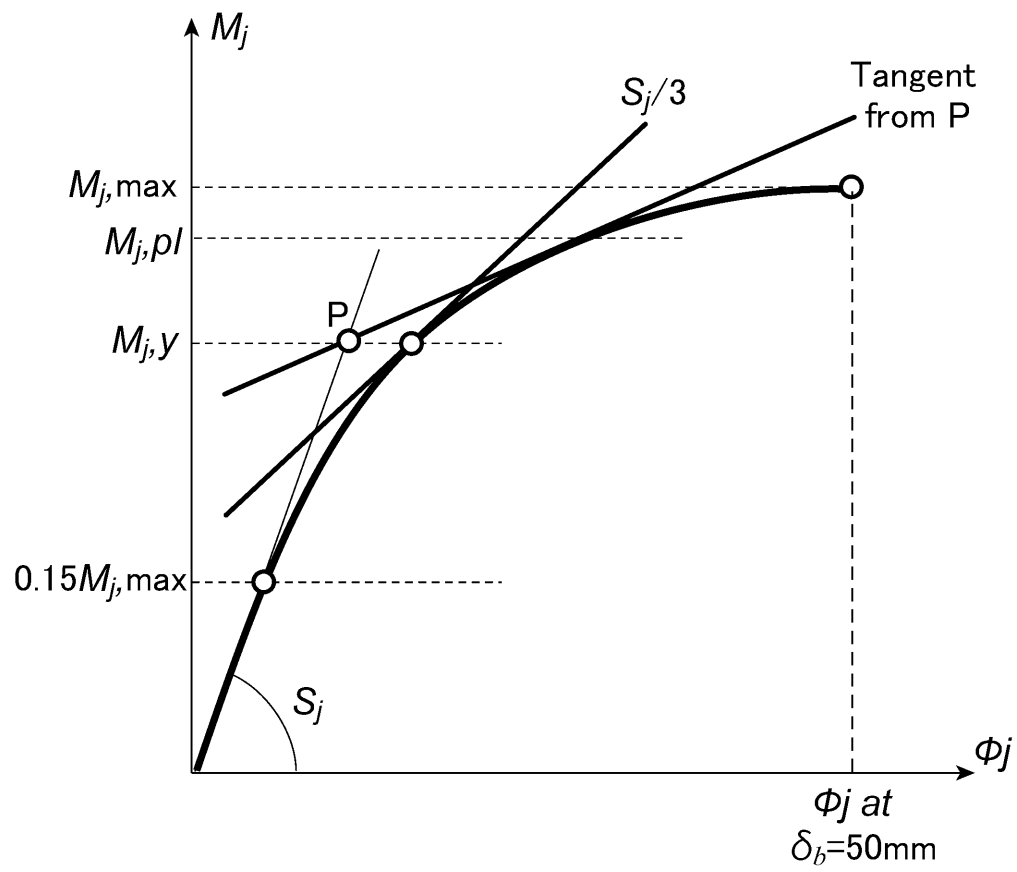


FIG. 29

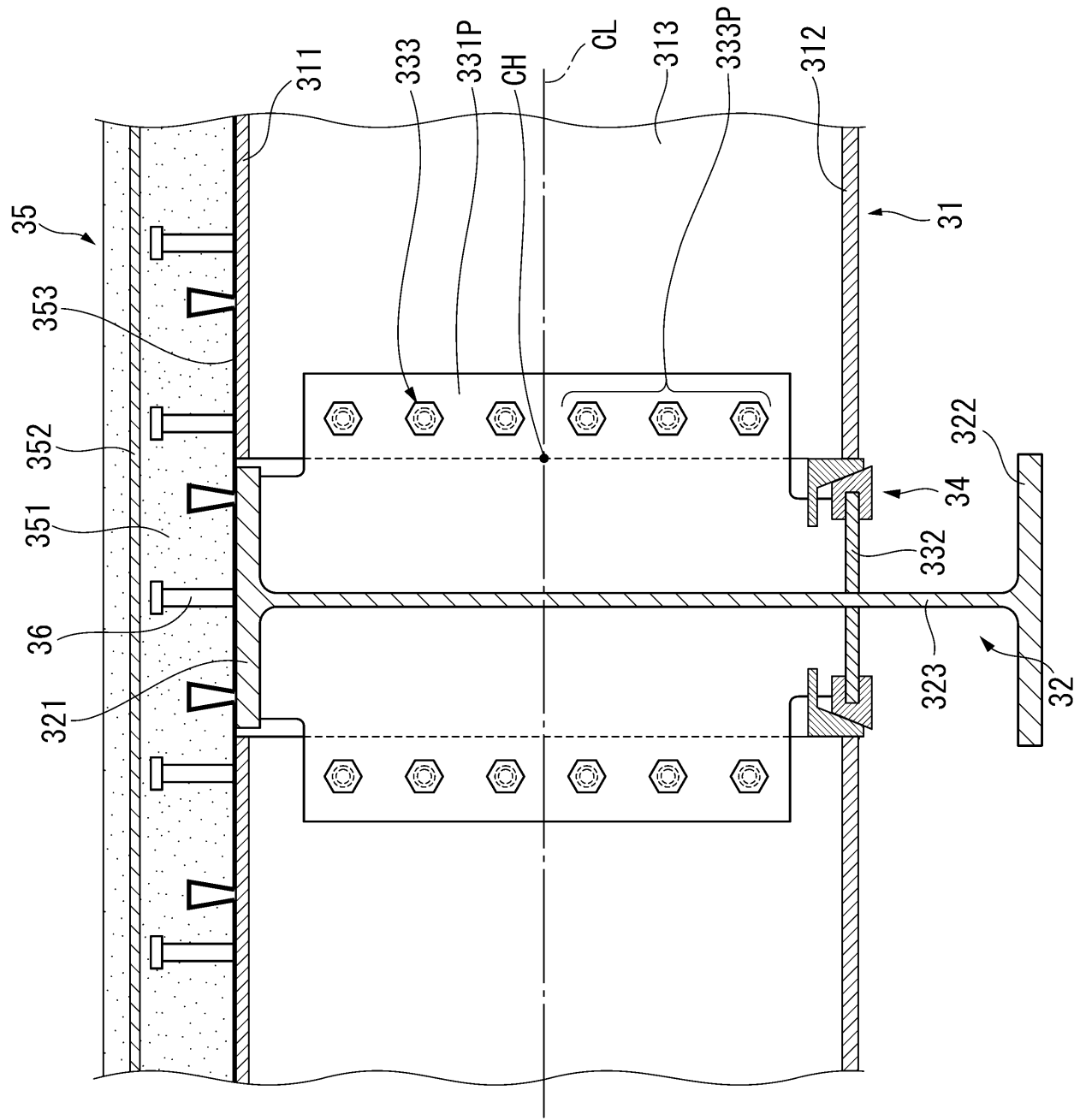
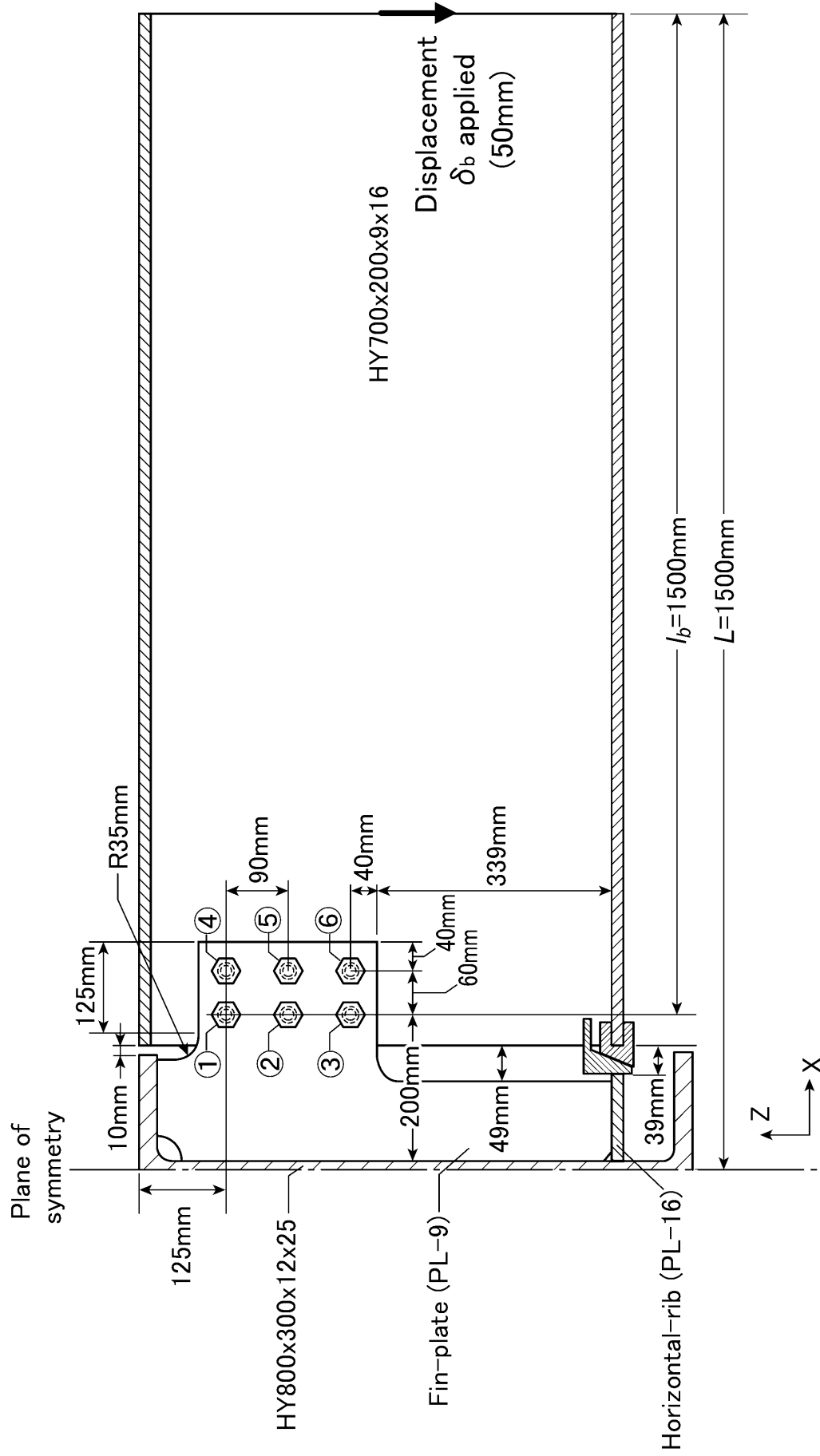


FIG. 30



Technical drawing of a finned tube assembly, showing a cross-section of the tube and fins. The drawing includes the following dimensions and labels:

- Tube:** HY700x200x9x16
- Displacement applied:** δ_b (50mm)
- Fin-plate:** HY800x300x12x25
- Horizontal-rib:** (PL-16)
- Dimensions:**
 - 65mm (Tube outer diameter)
 - 10mm (Tube wall thickness)
 - 125mm (Fin-plate thickness)
 - 240mm (Fin-plate width)
 - 40mm (Fin-plate height)
 - 90mm (Fin-plate height)
 - 530mm (Total height)
 - 39mm (Horizontal-rib height)
 - 40mm (Horizontal-rib width)
- Labels:**
 - Plane of symmetry
 - Fin-plate (PL-9)
 - Horizontal-rib (PL-16)
 - $L_b=1500mm$
- Coordinate System:** X and Z axes are shown at the bottom right.

FIG. 32

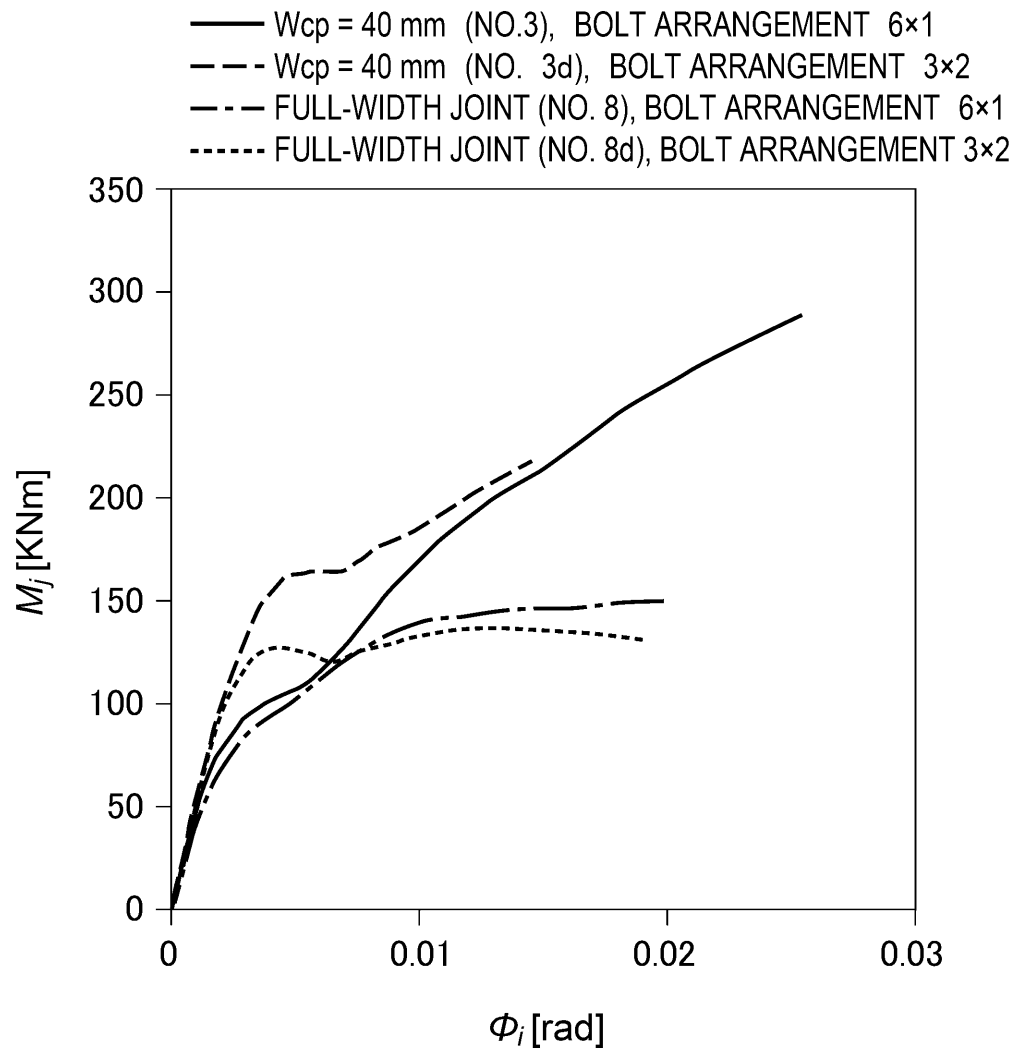


FIG. 33

