

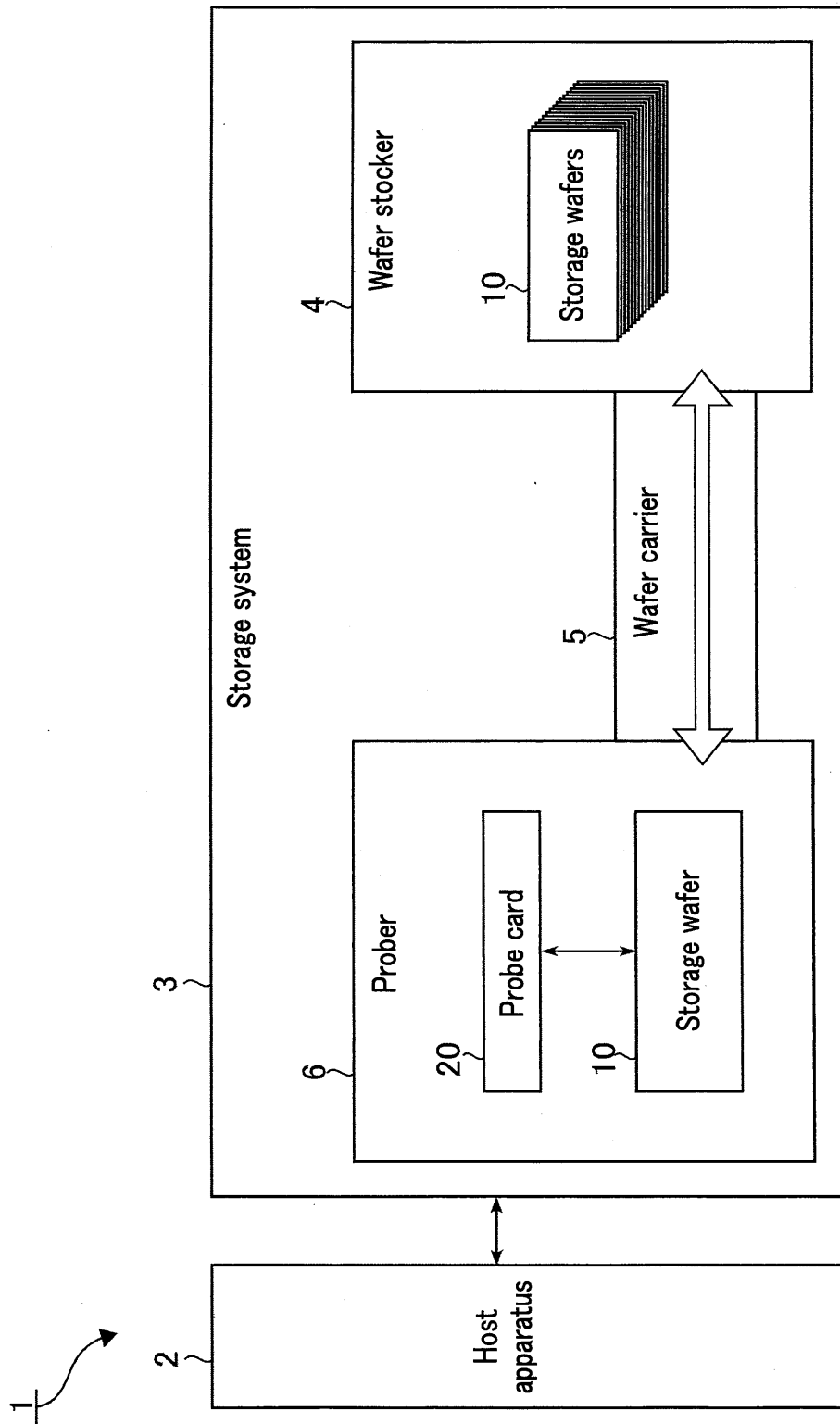


FIG. 1

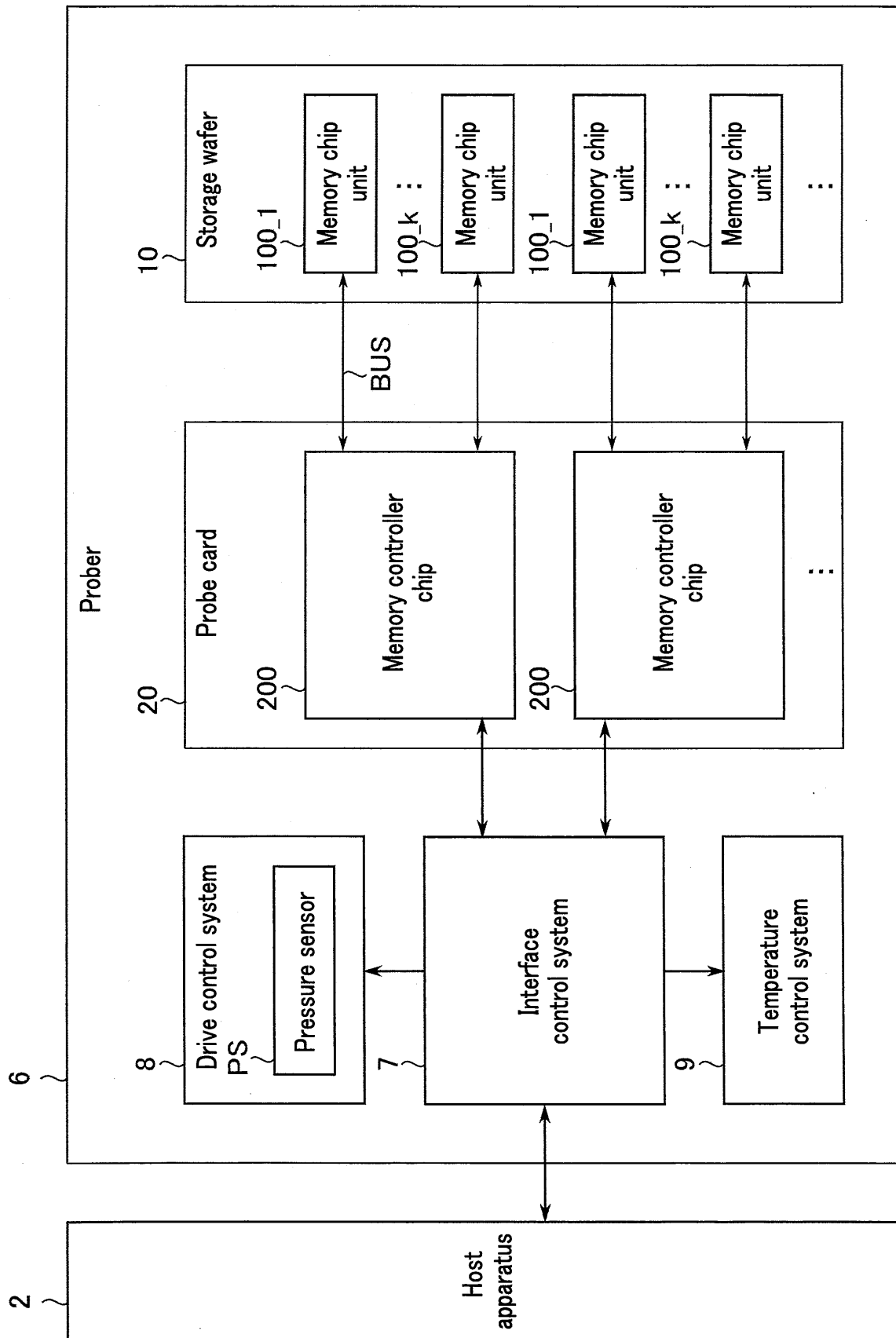


FIG. 2

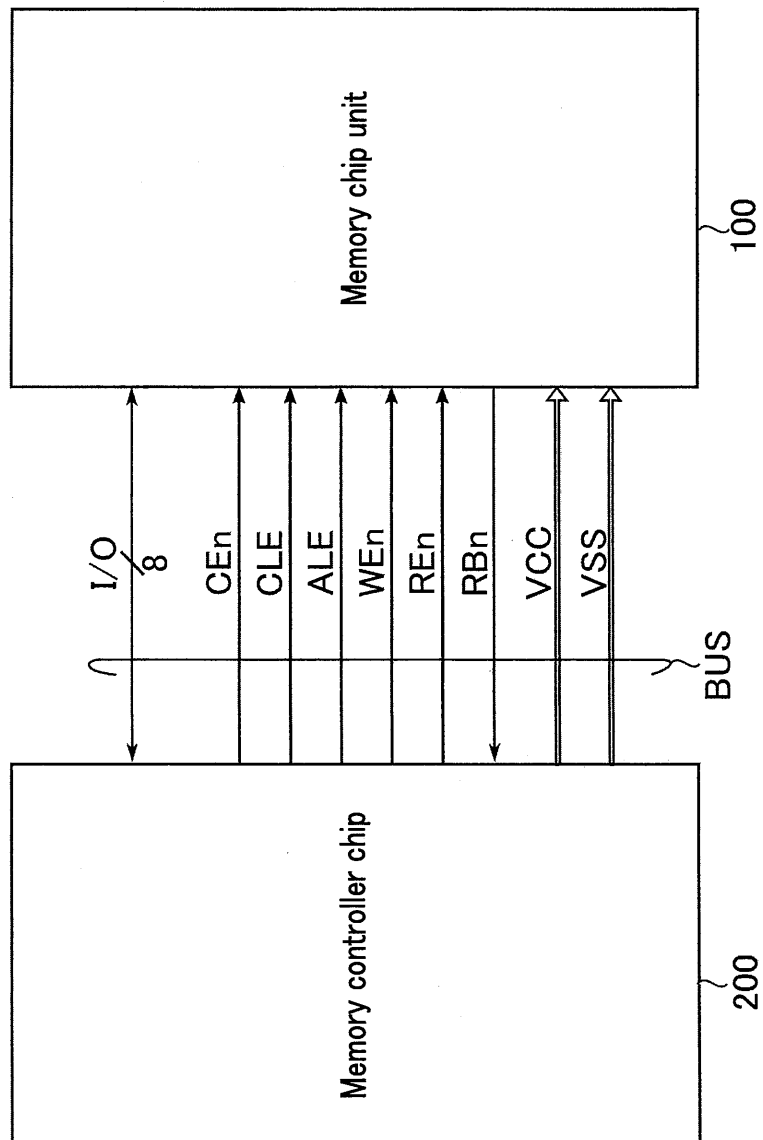
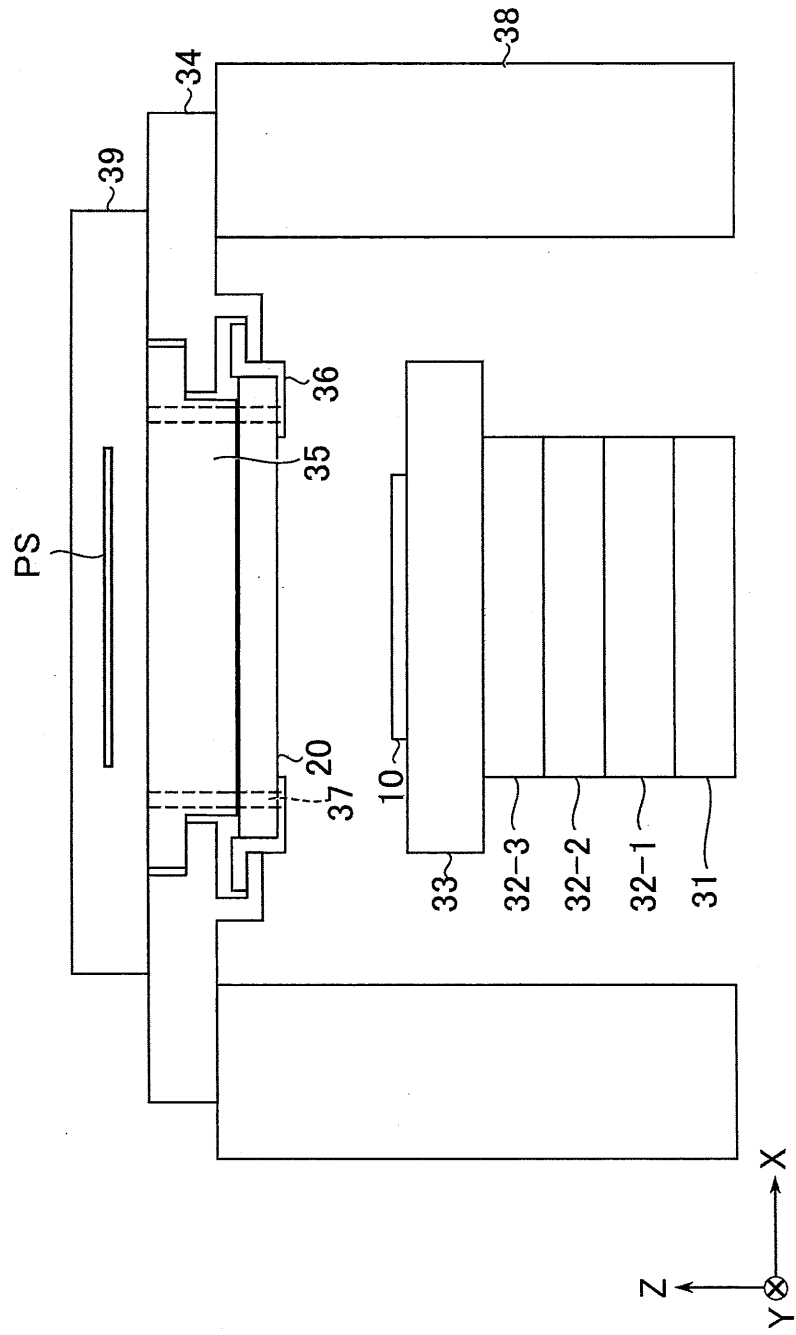


FIG. 3

6



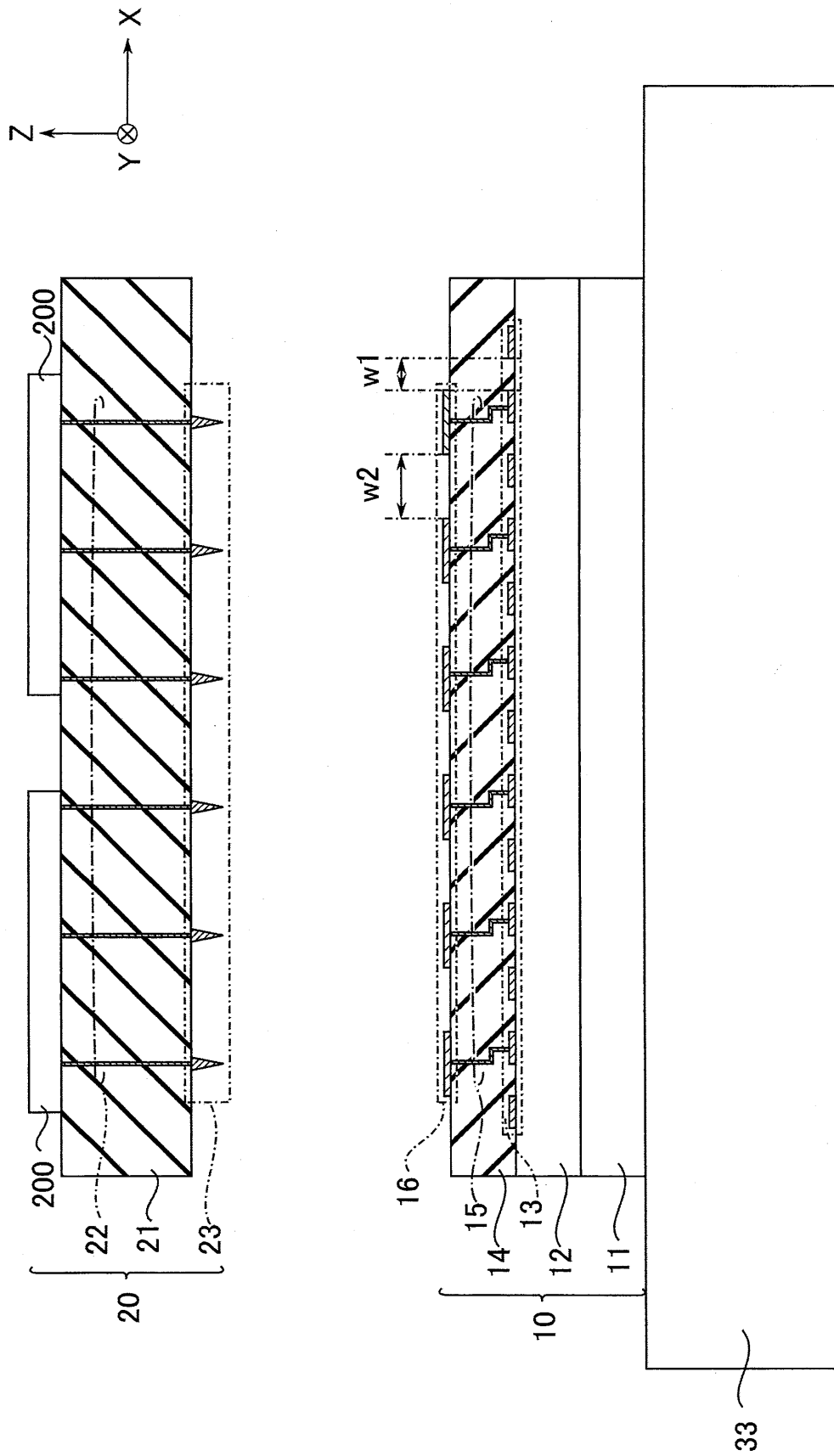


FIG. 5

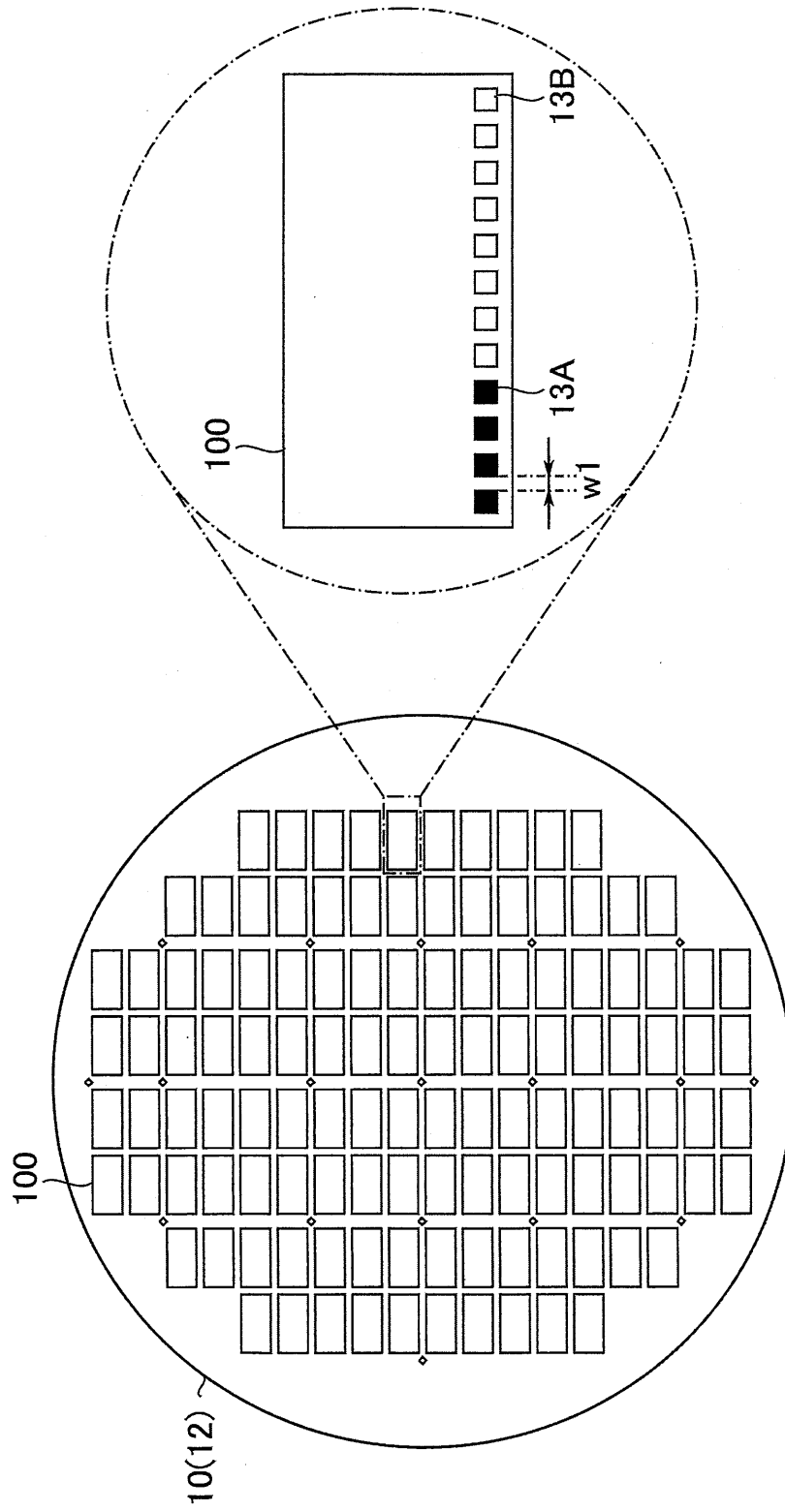
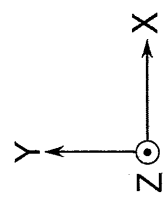


FIG. 6



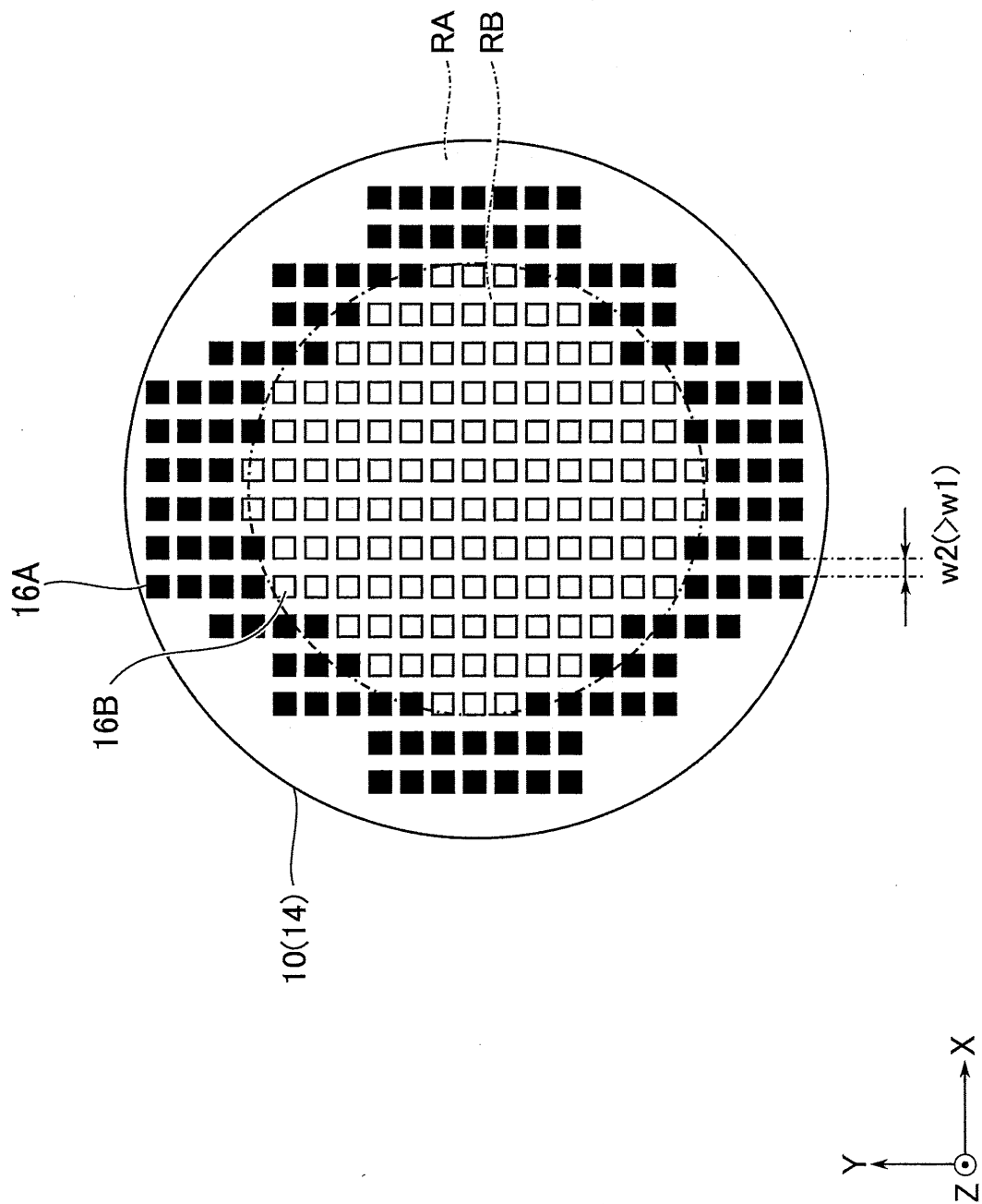


FIG. 7

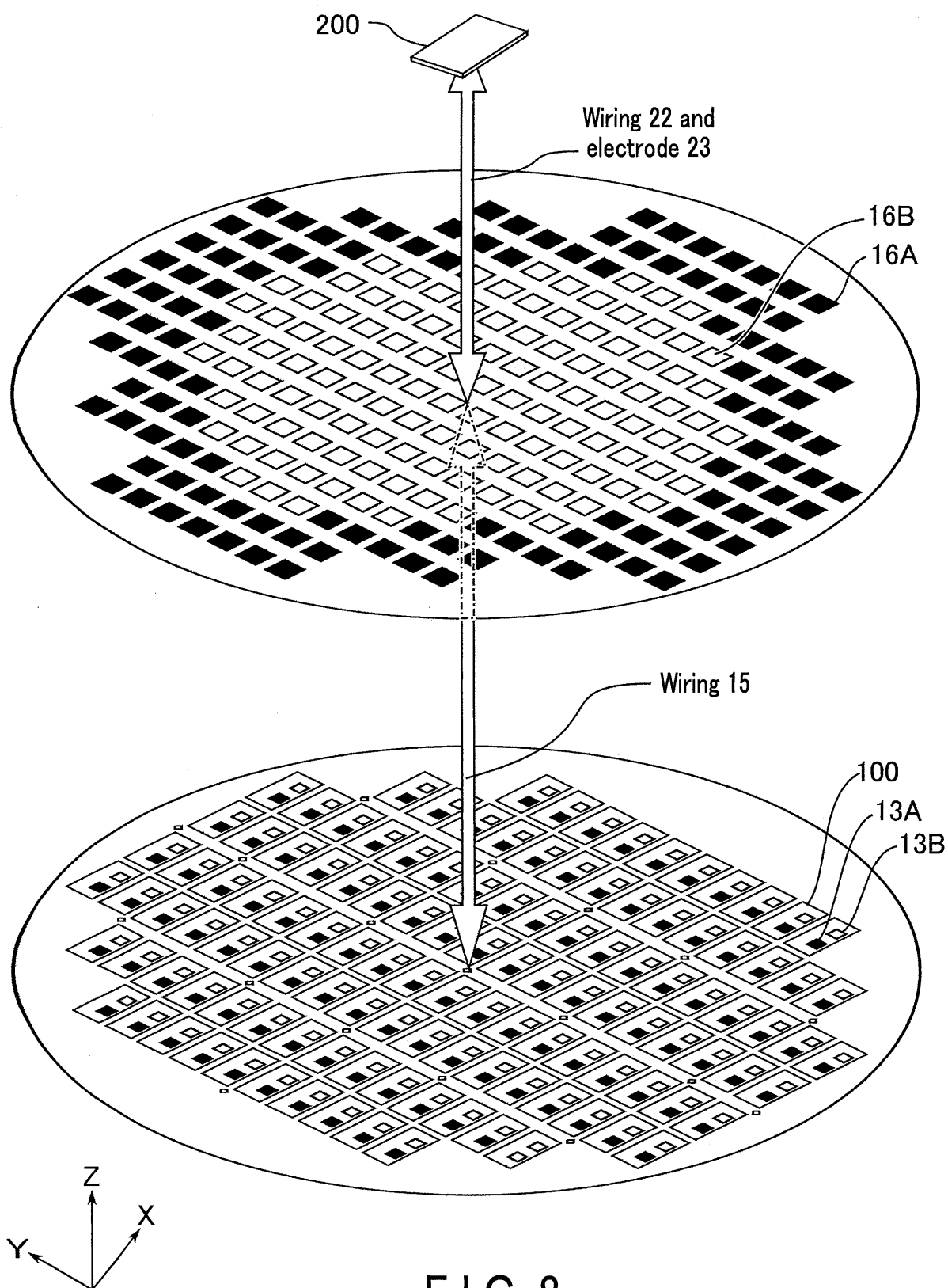


FIG. 8

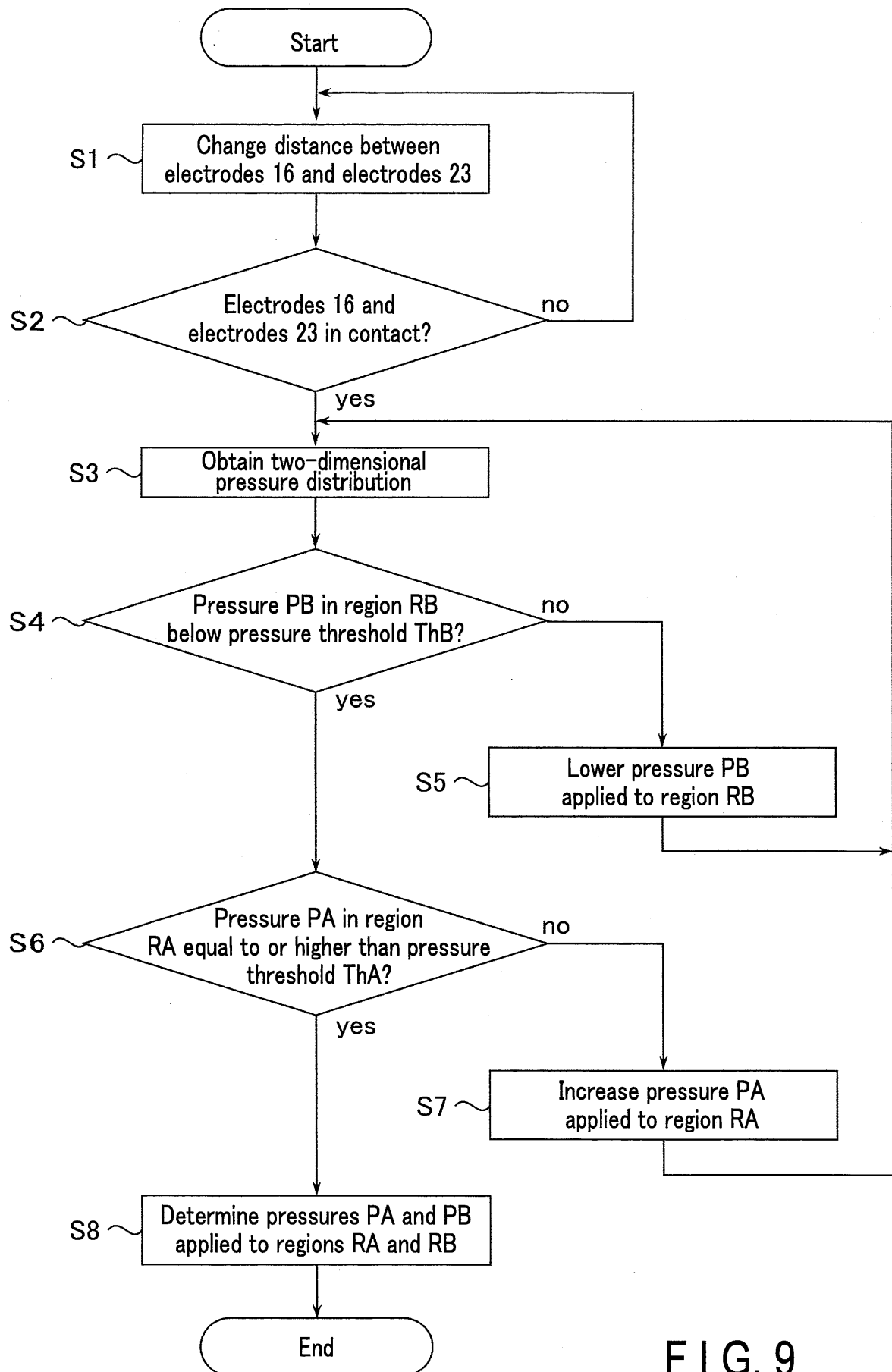


FIG. 9

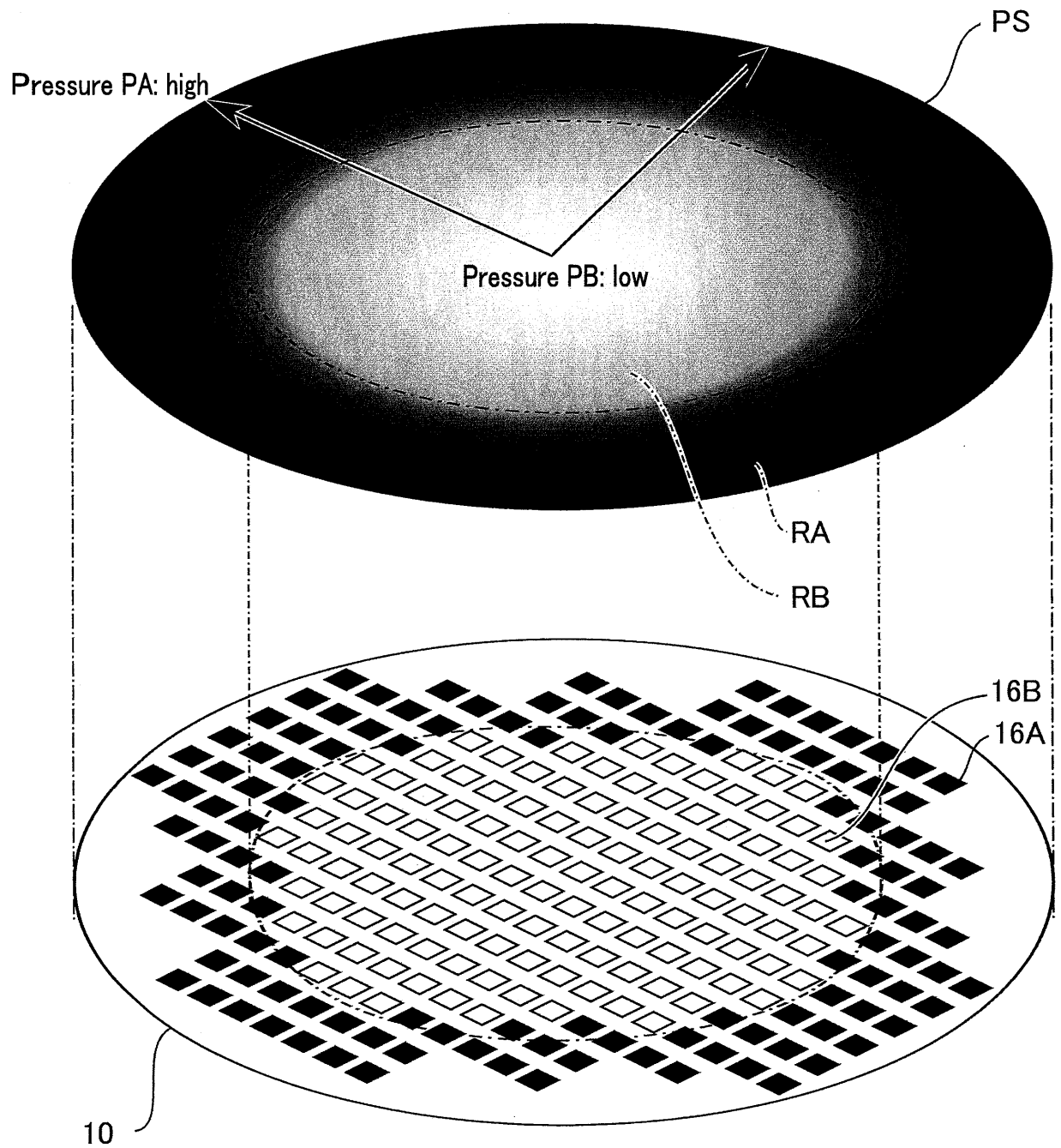


FIG. 10

6

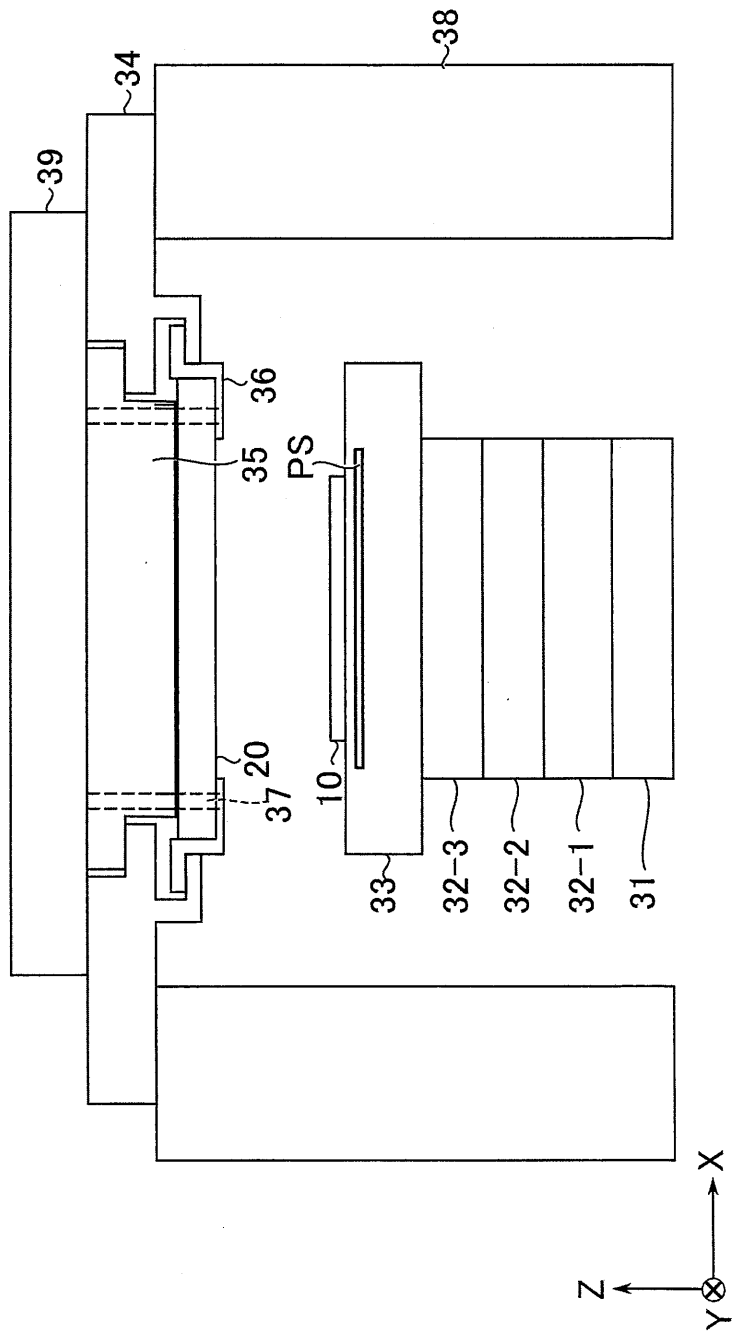


FIG. 11

6

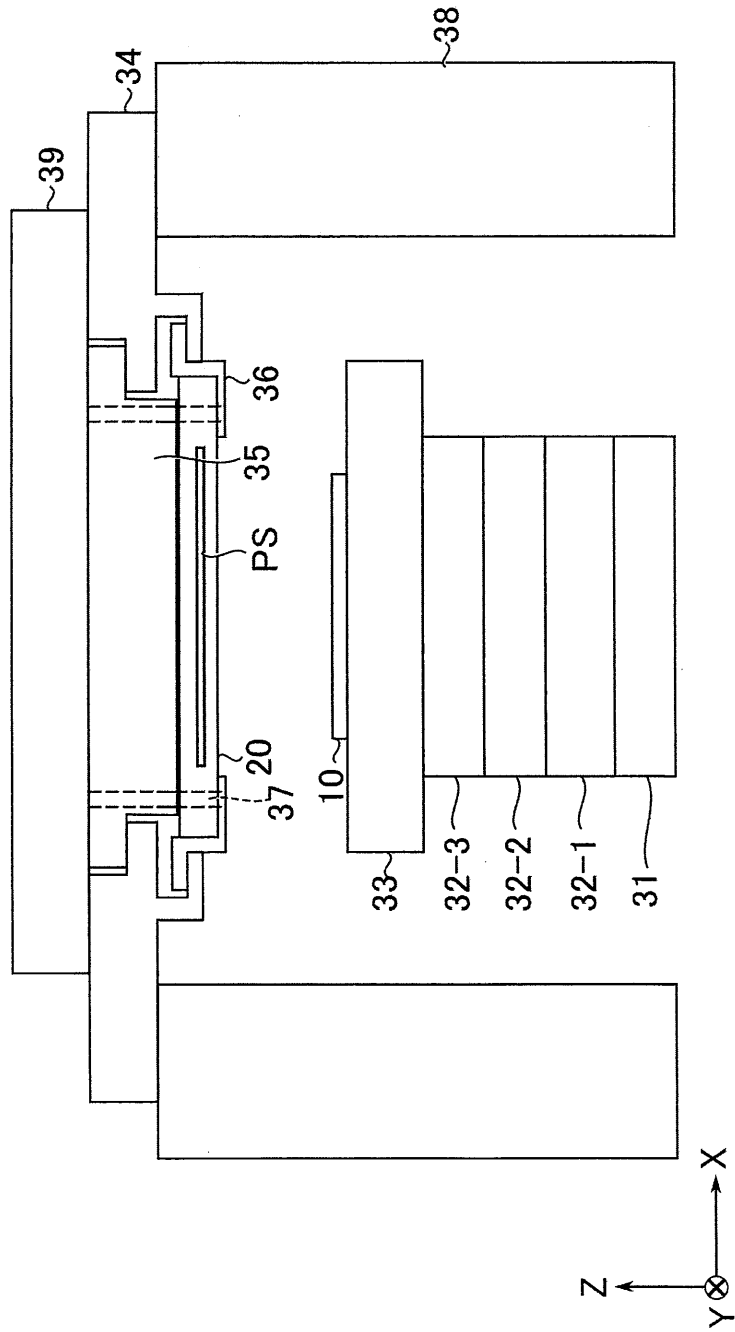
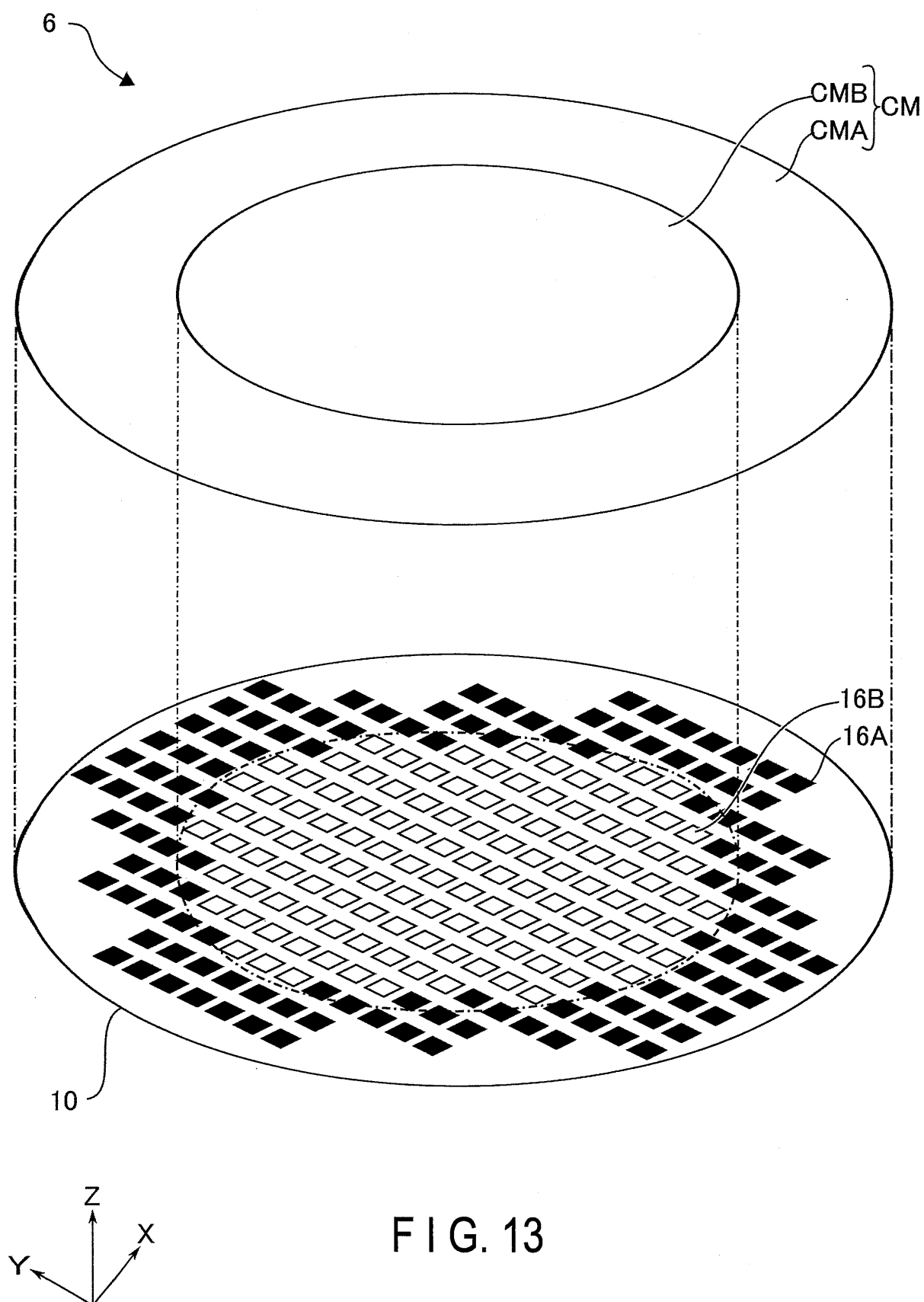


FIG. 12



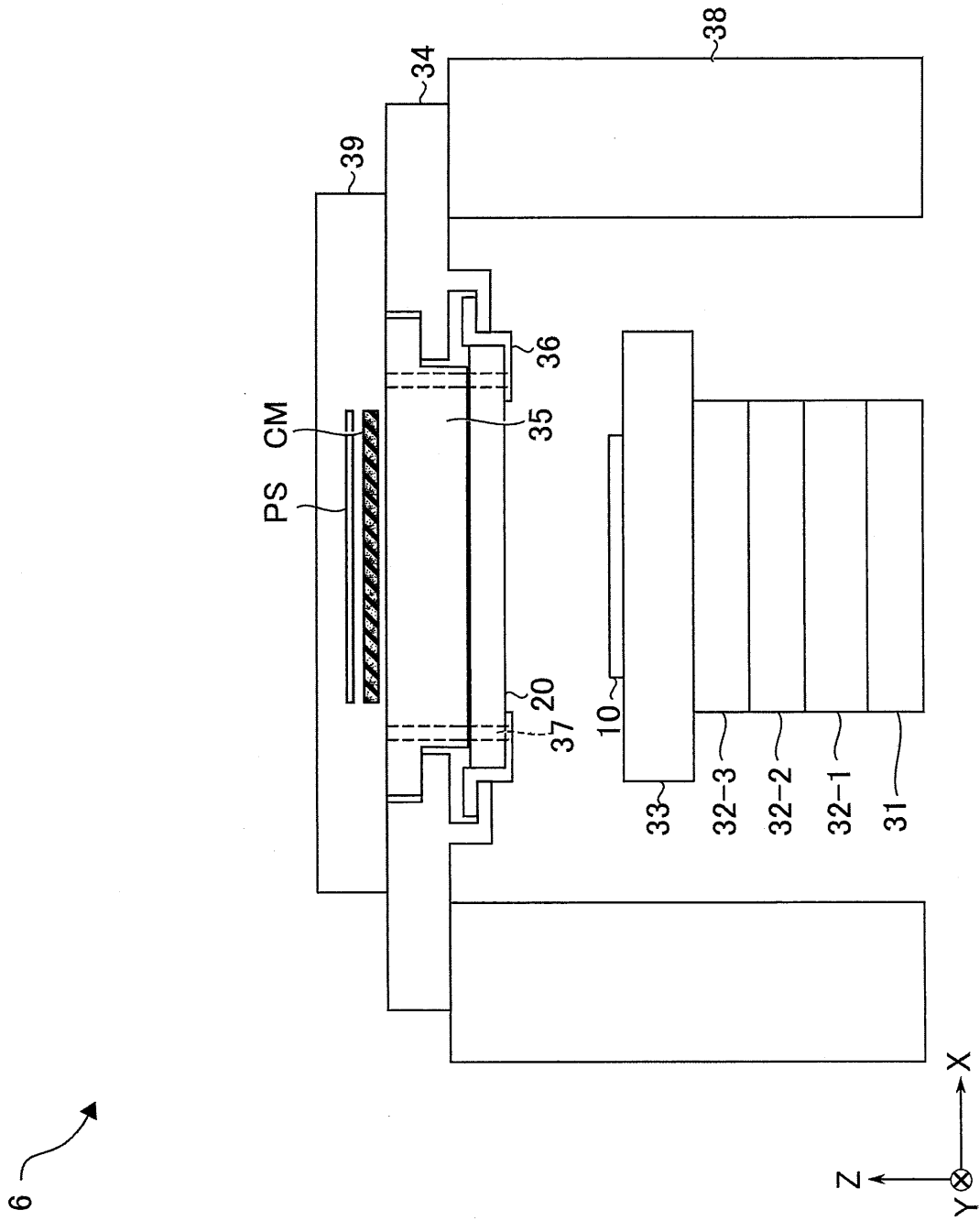


FIG. 14

6

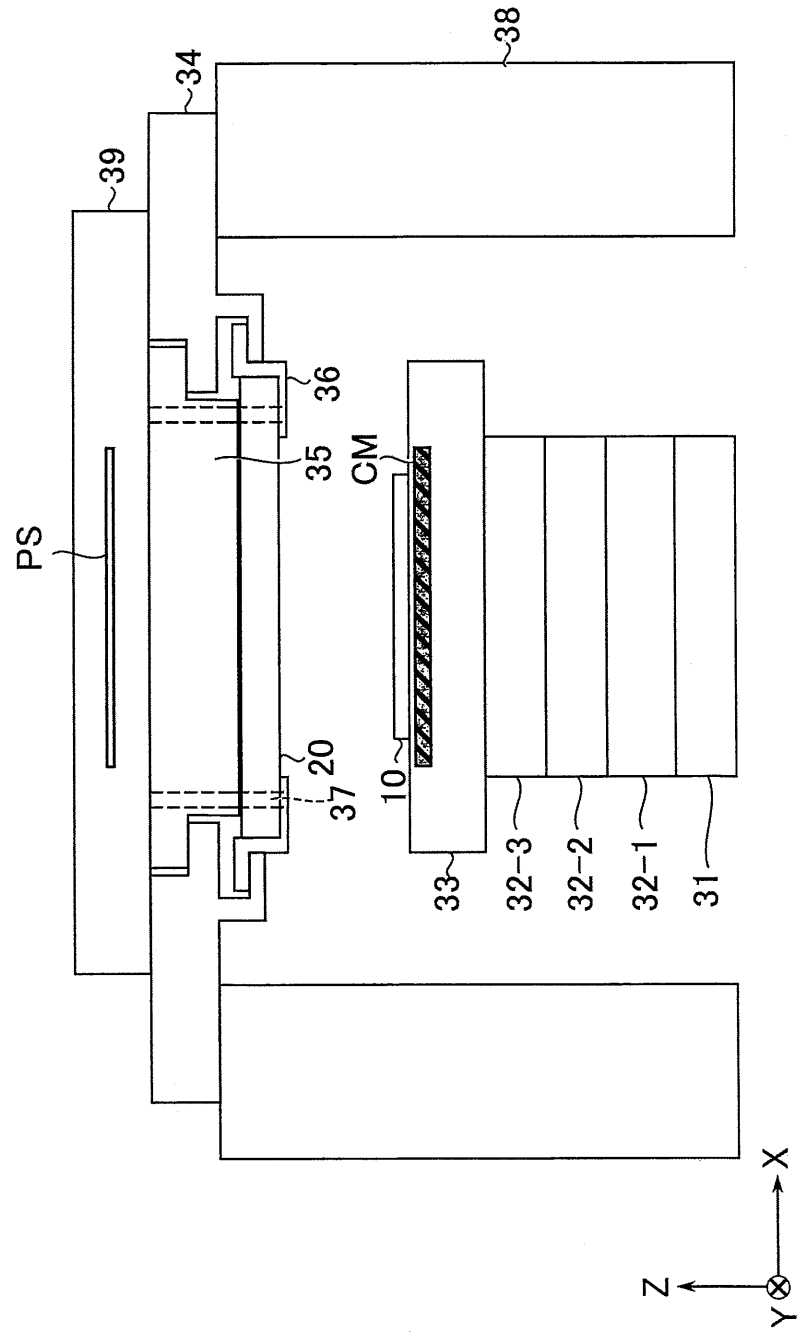


FIG. 15

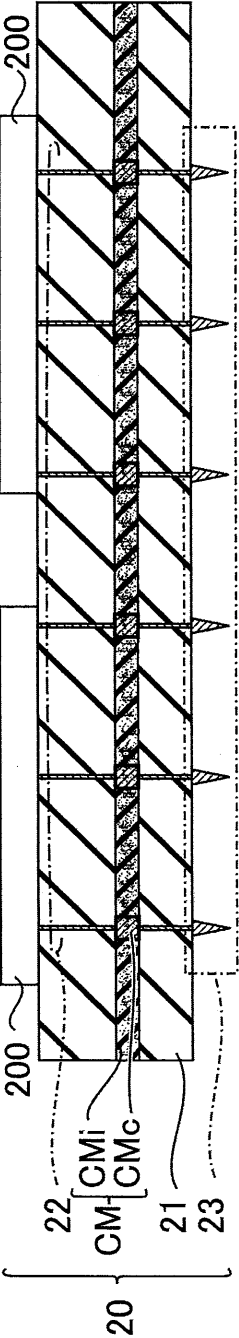
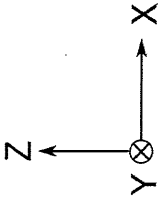


FIG. 16

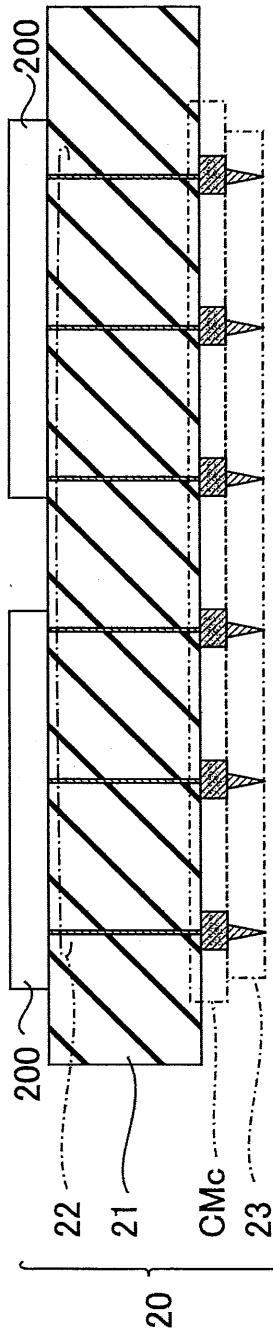
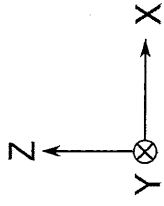


FIG. 17

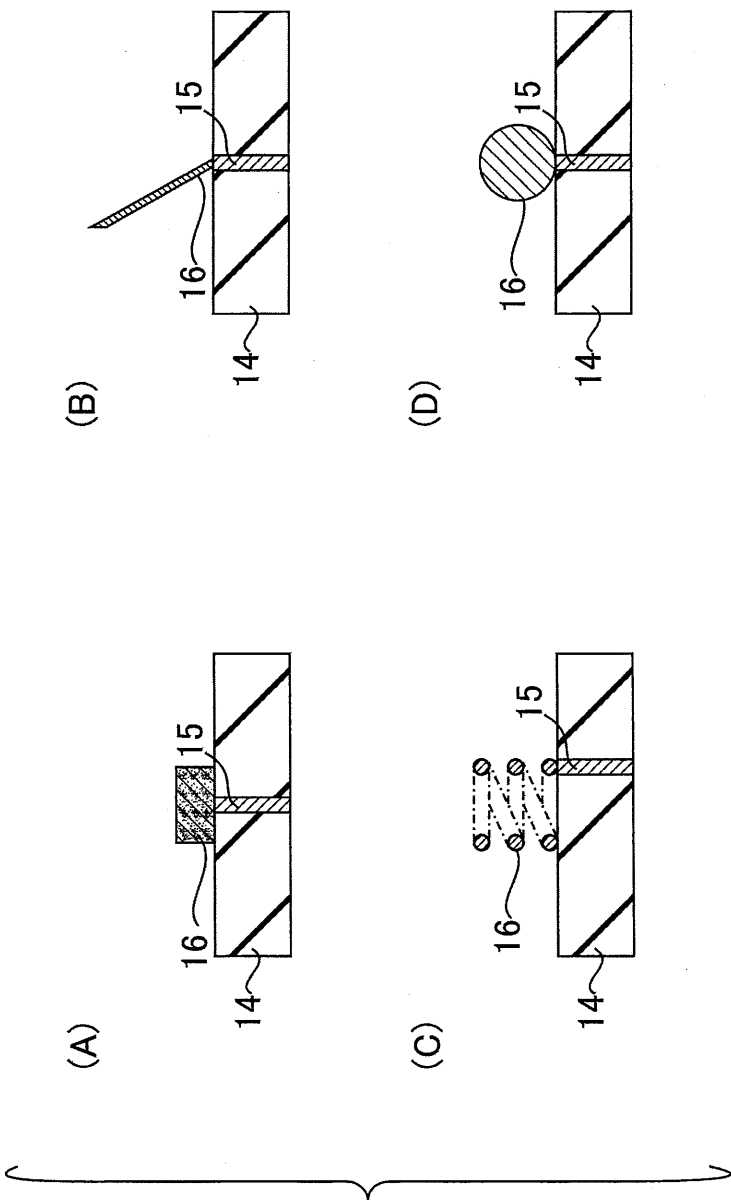
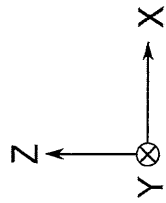


FIG. 18

		Conductivity	Contact resistance	Tolerance to abrasion	Tolerance to corrosion	Tolerance to oxidation	Tolerance to plastic deformation	Dust production
Structure	Porous			⊙			⊙	
	Wire			⊙			⊙	
	Spring			⊙			⊙	
	Ball			⊙			⊙	
Material	Conductive carbon	⊙	⊙	⊙		⊙	⊙	
	Conductive rubber	⊙	⊙	⊙	⊙	⊙	⊙	⊙
	Mercury	⊙	⊙	⊙		⊙	⊙	

FIG. 19

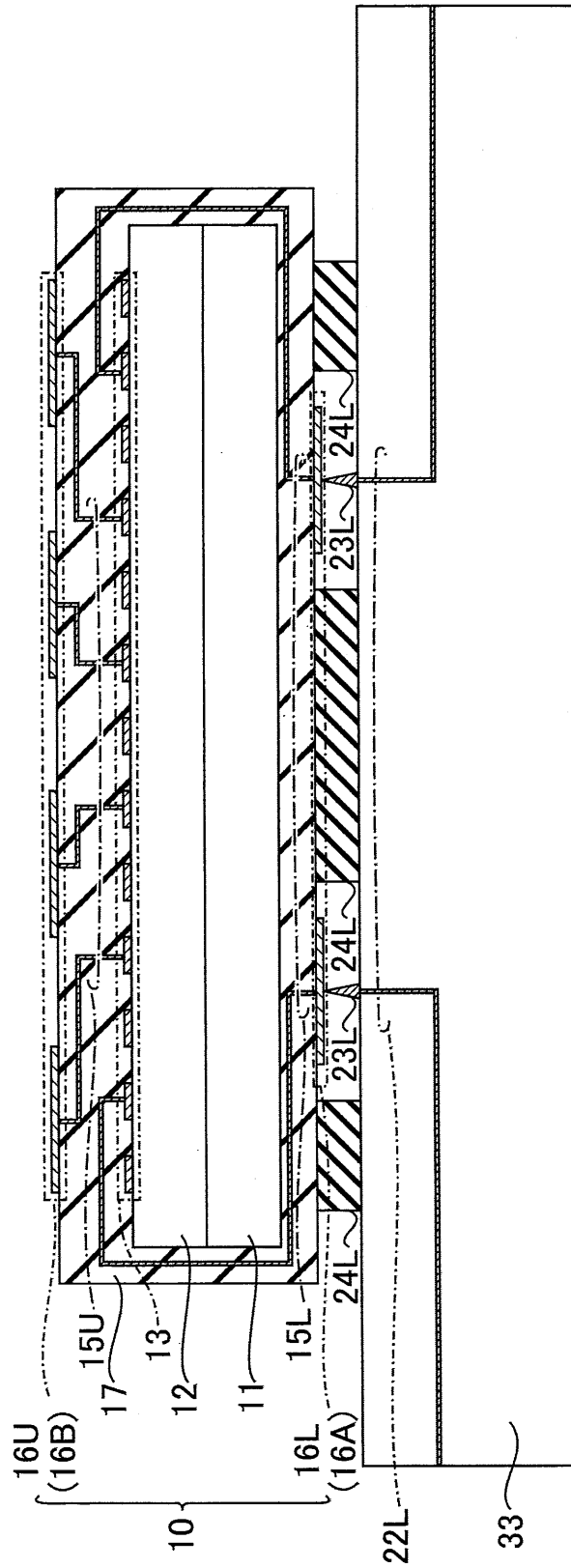
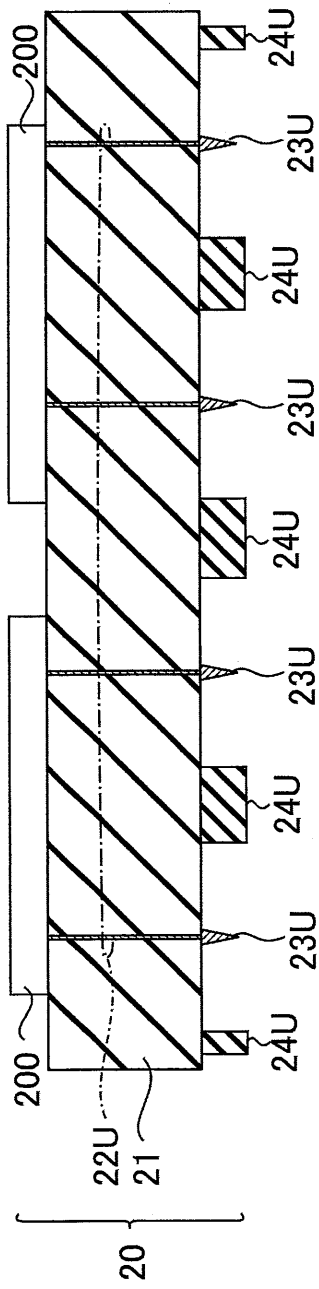
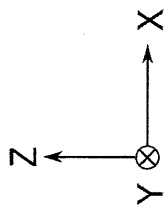


FIG. 20

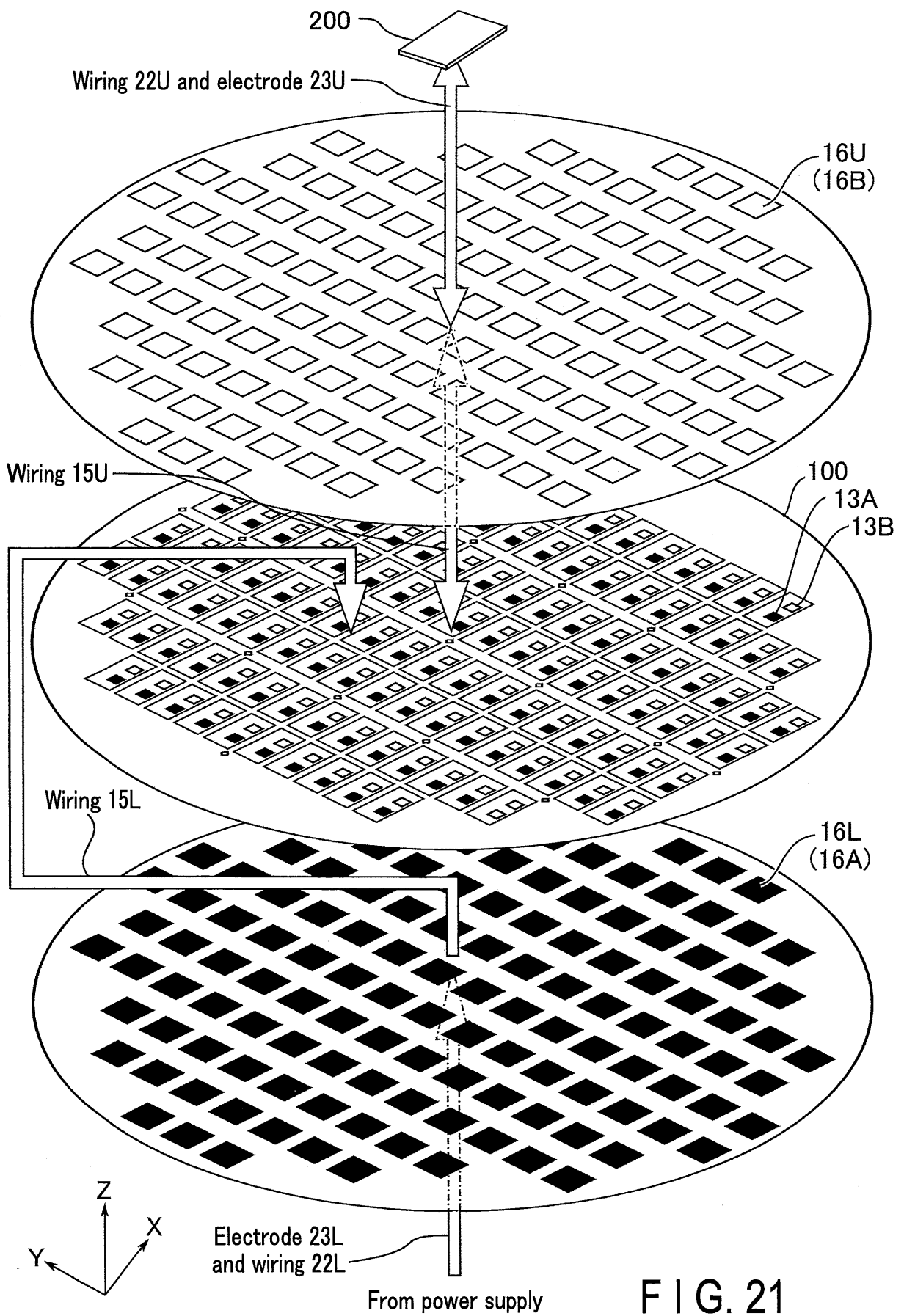


FIG. 21

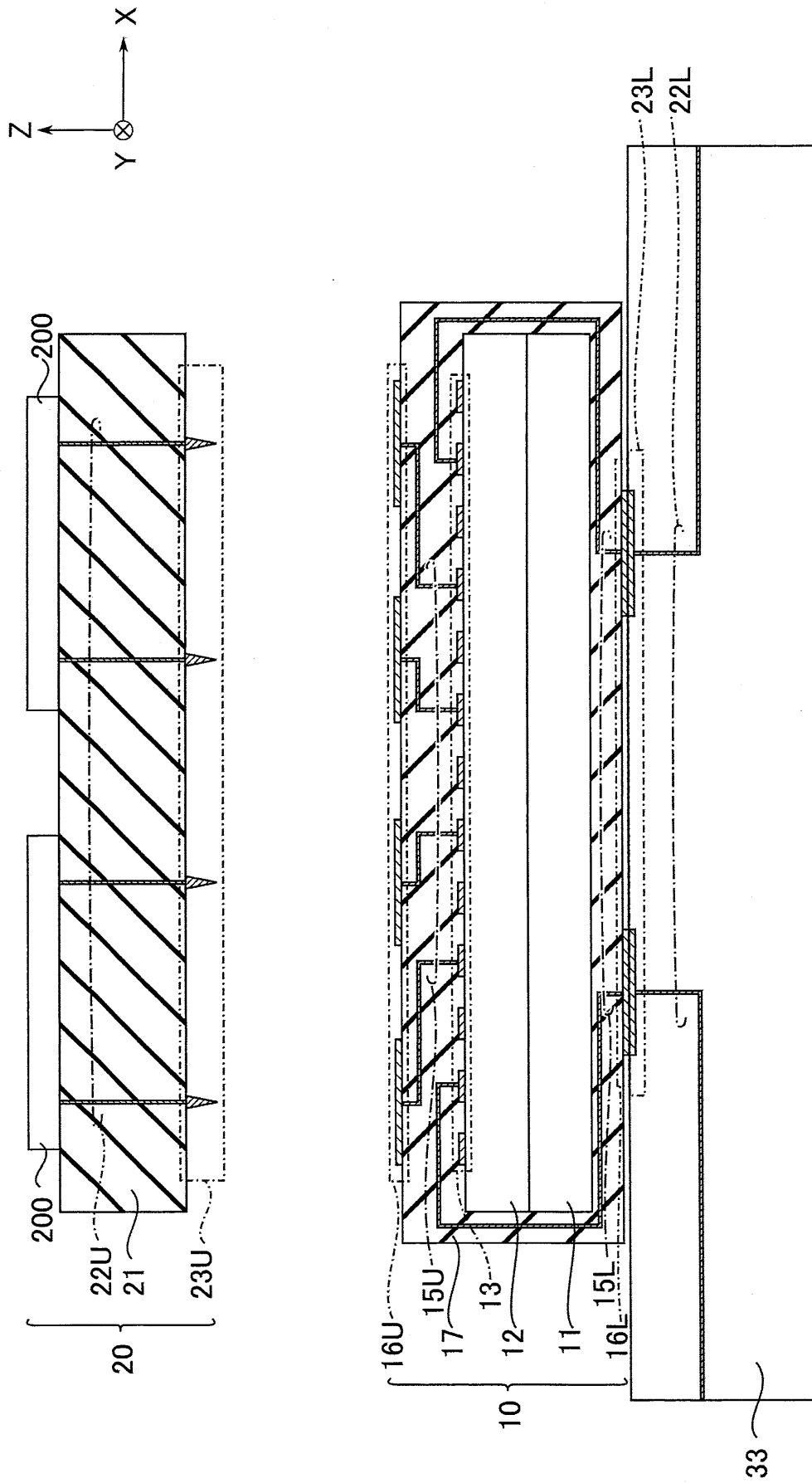


FIG. 22

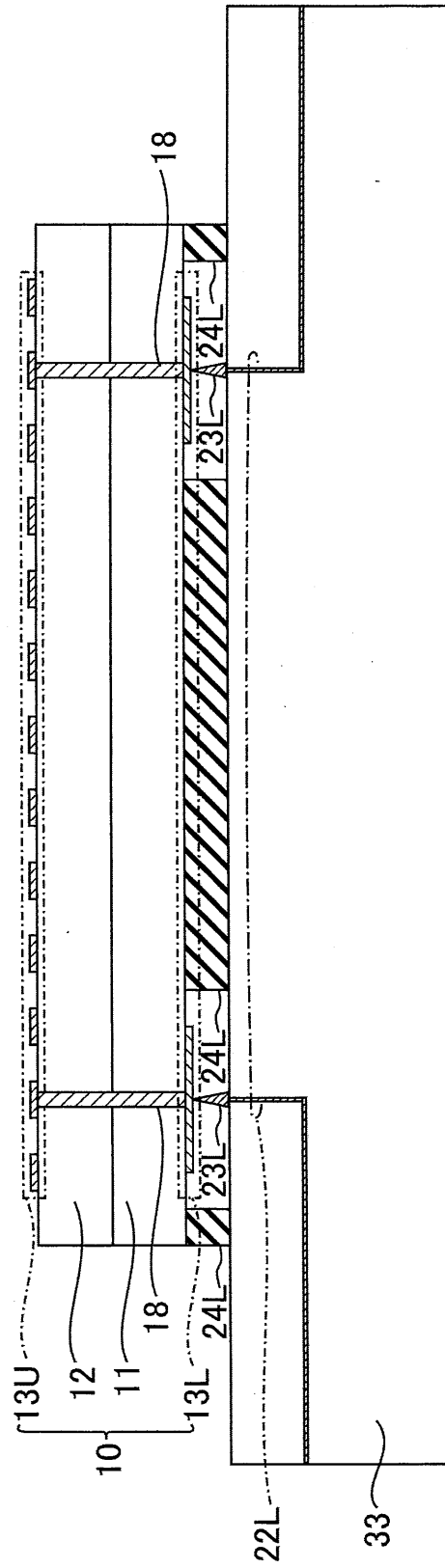
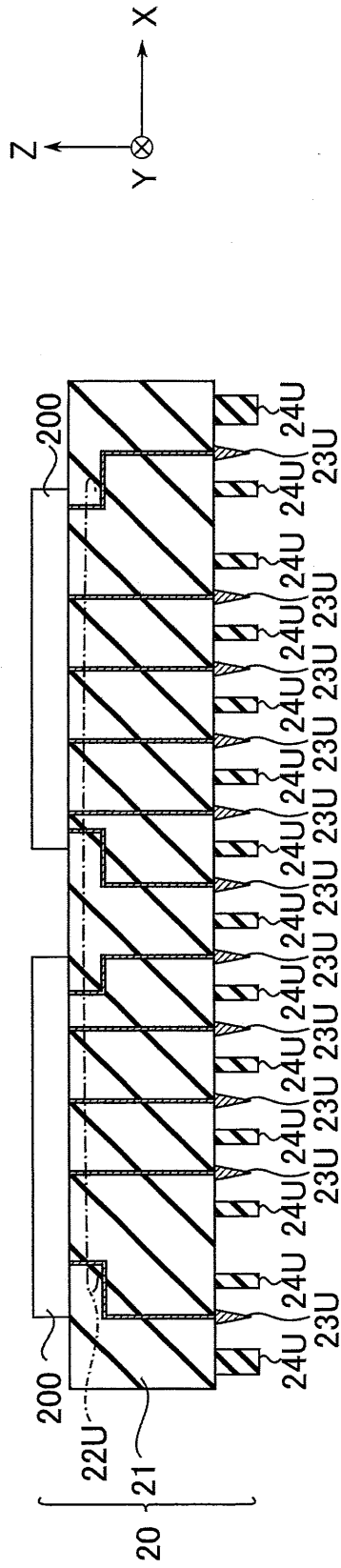
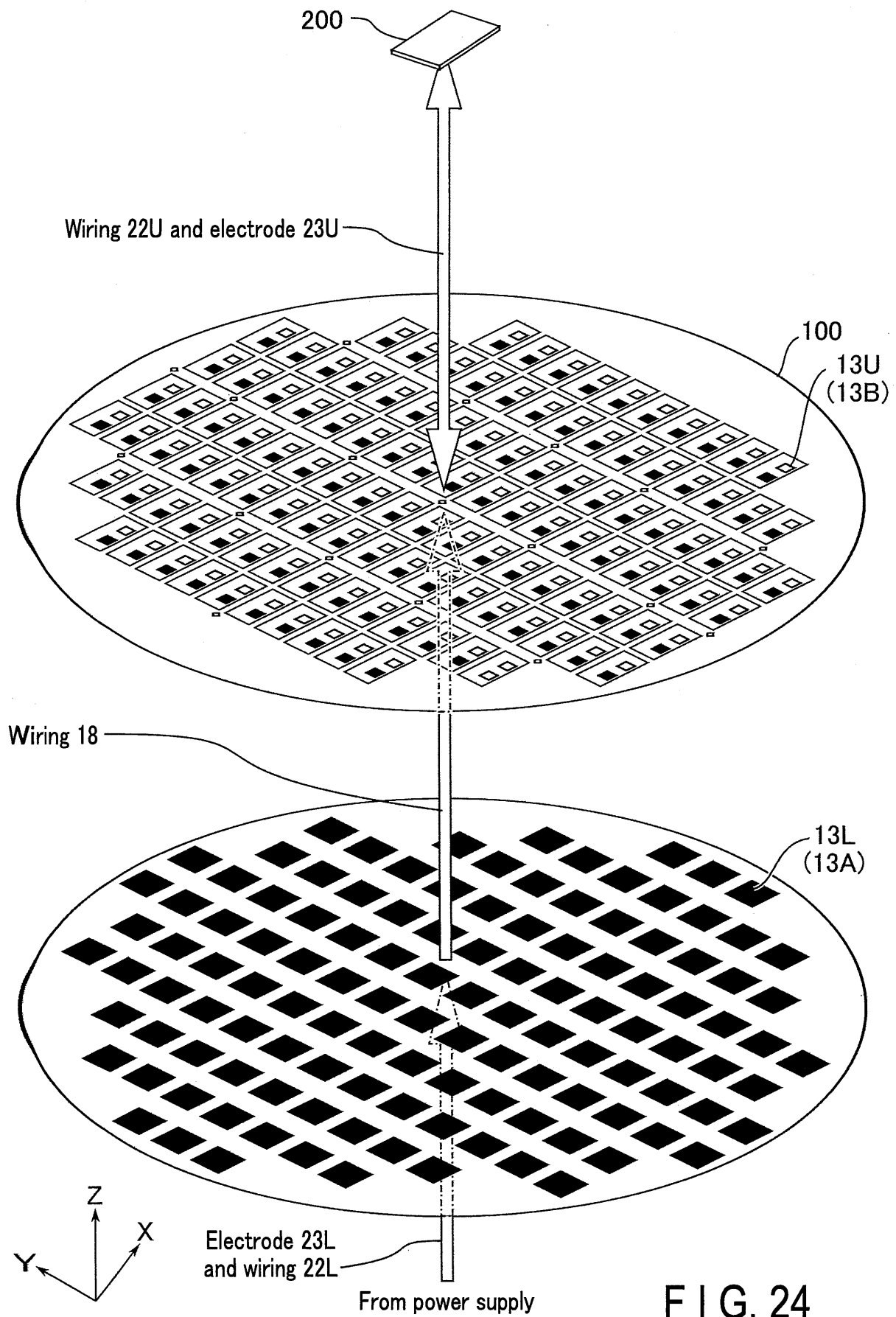


FIG. 23



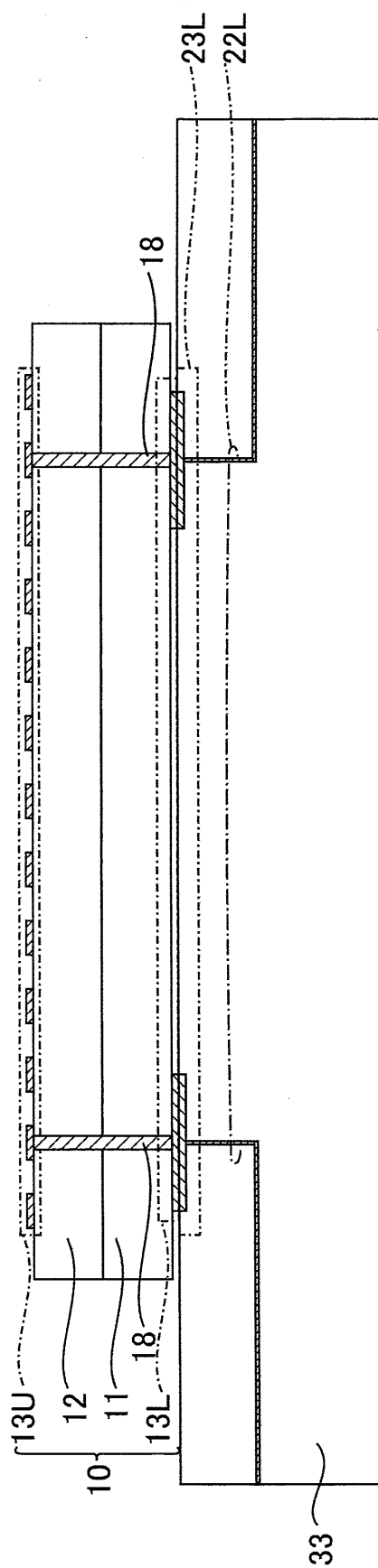
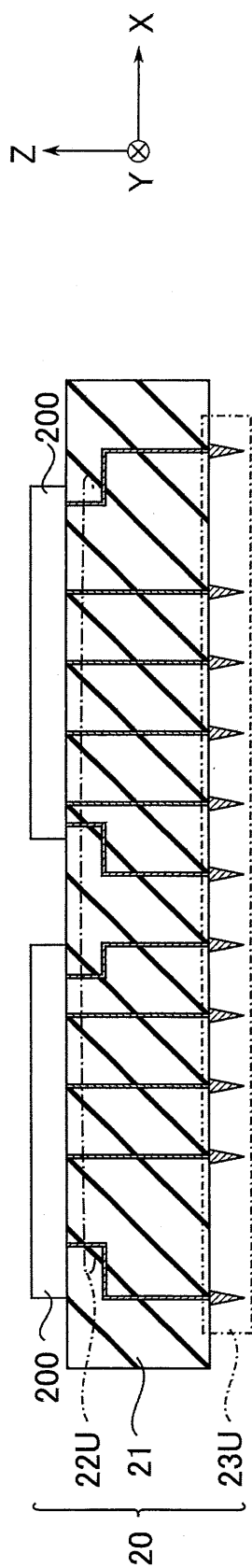


FIG. 25

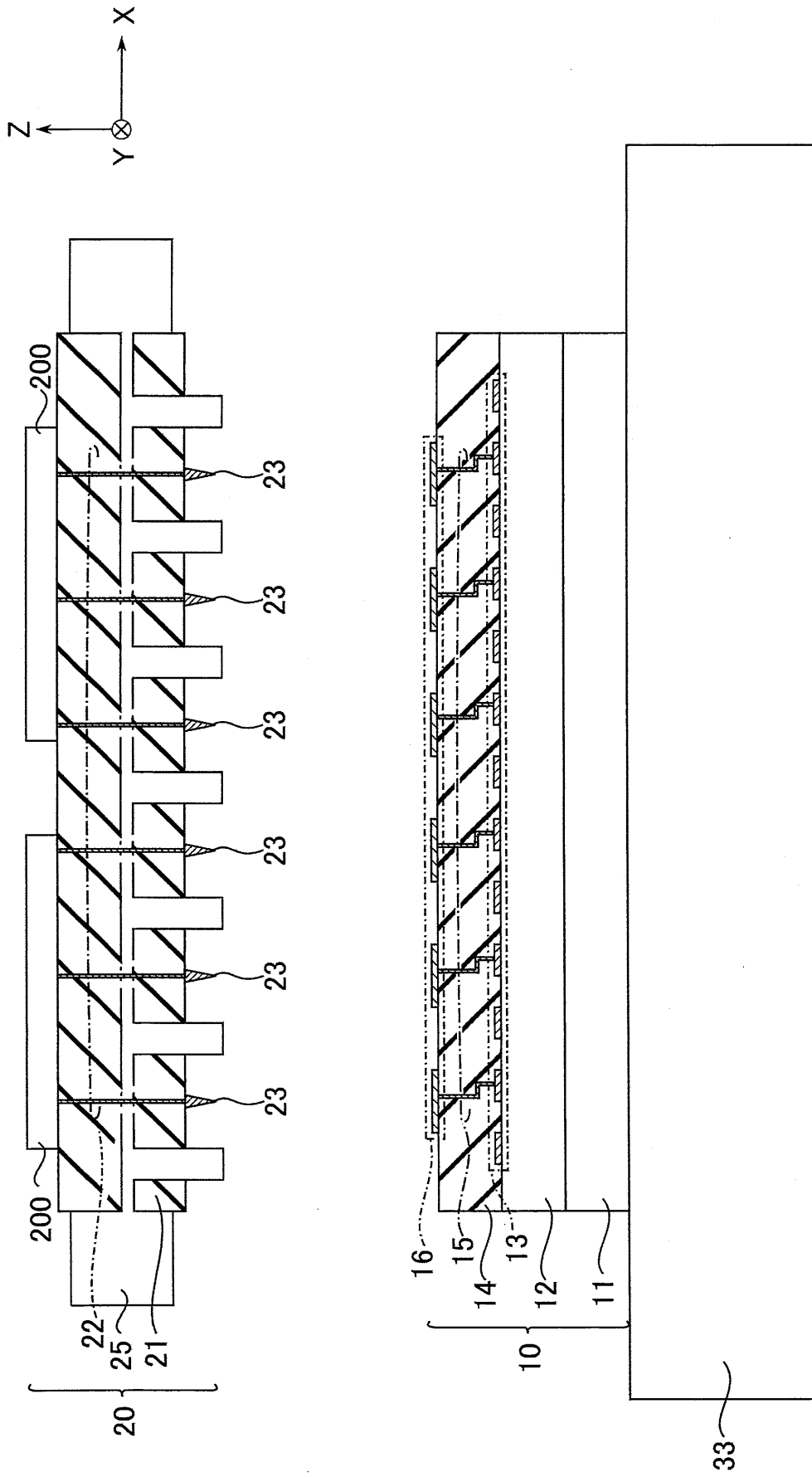


FIG. 26

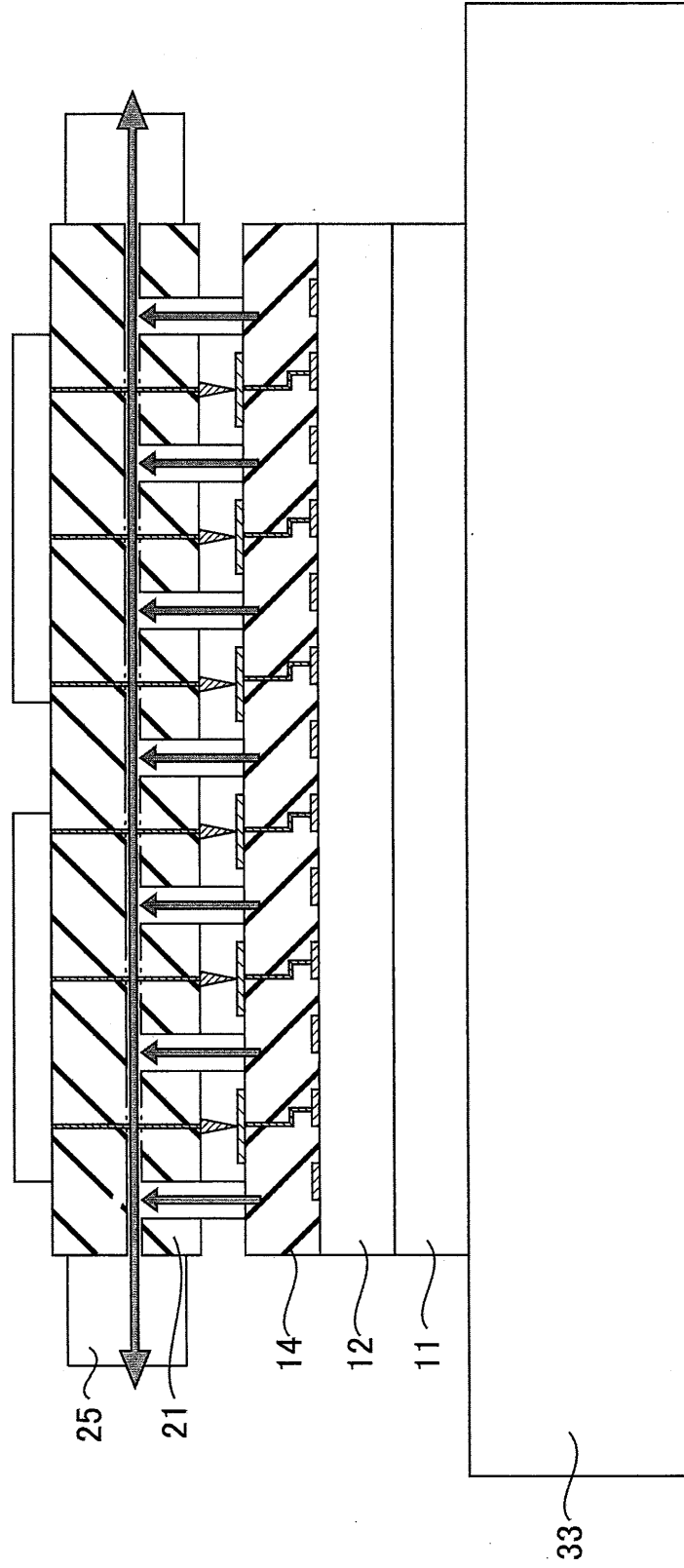
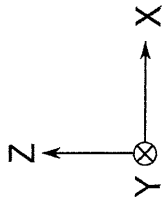


FIG. 27