

FIG. 1

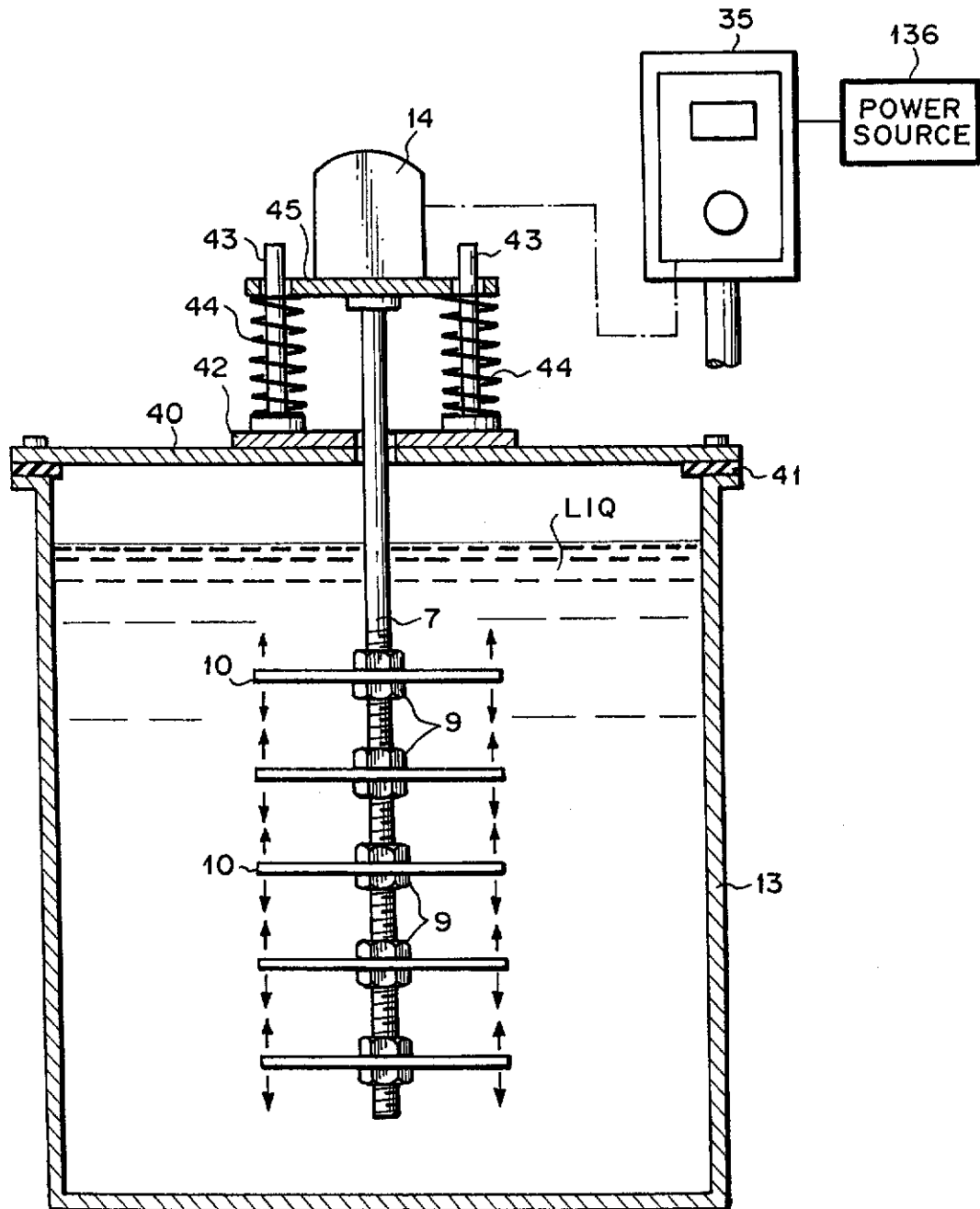
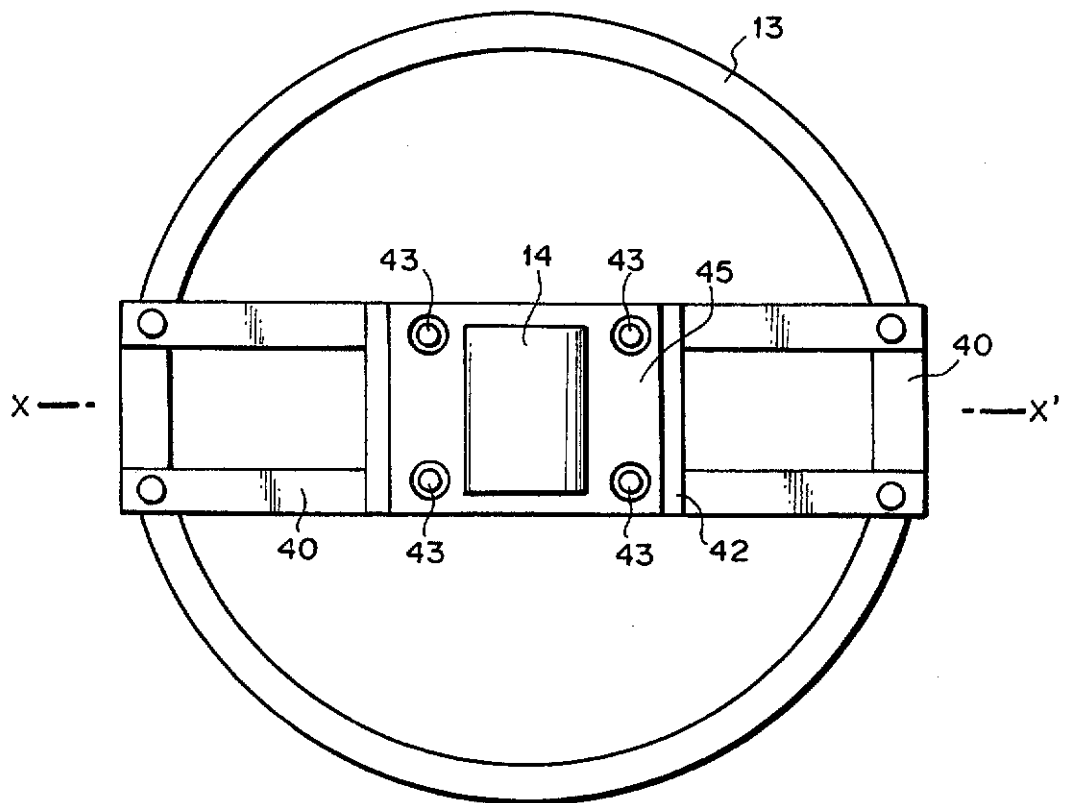


FIG. 2



This diagram shows a mechanical assembly in cross-section. At the top, a spherical ball (14) is mounted on a trapezoidal base. Below the ball is a horizontal plate (45) supported by two springs (144, 145). A vertical shaft (111) passes through the center of the plate and extends downwards. The shaft is supported by a bracket (40) and passes through a horizontal partition (40). Below the partition, the shaft (7) continues down through a liquid medium (LIQ). The shaft is connected to a piston (9) which is part of a larger assembly (10, 11). The piston is shown in a position where it is partially submerged in the liquid. Below the piston, there are several horizontal plates (8) stacked vertically, and a small component (9) at the bottom. The entire assembly is housed within a container (13).

FIG. 4

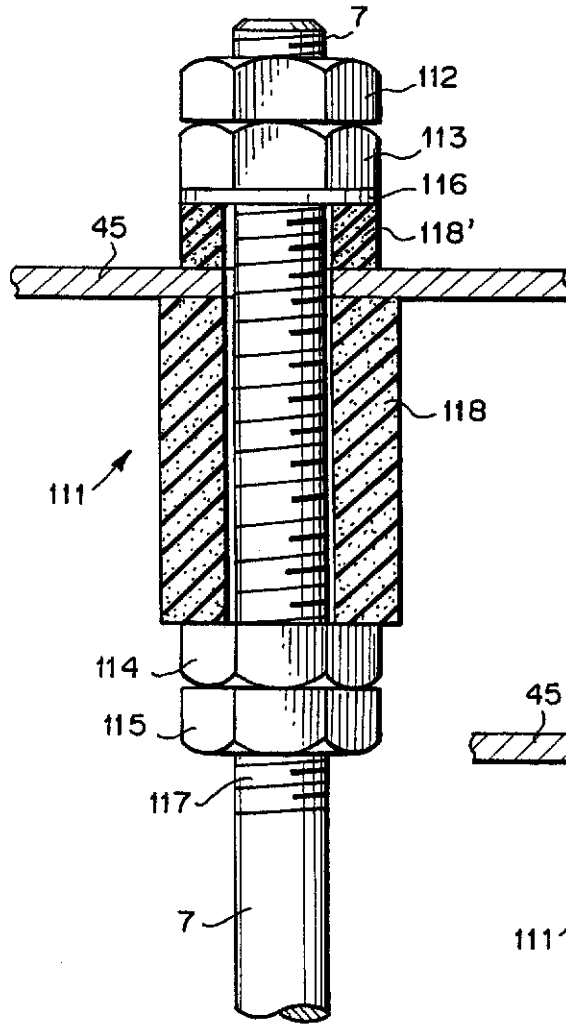


FIG. 5

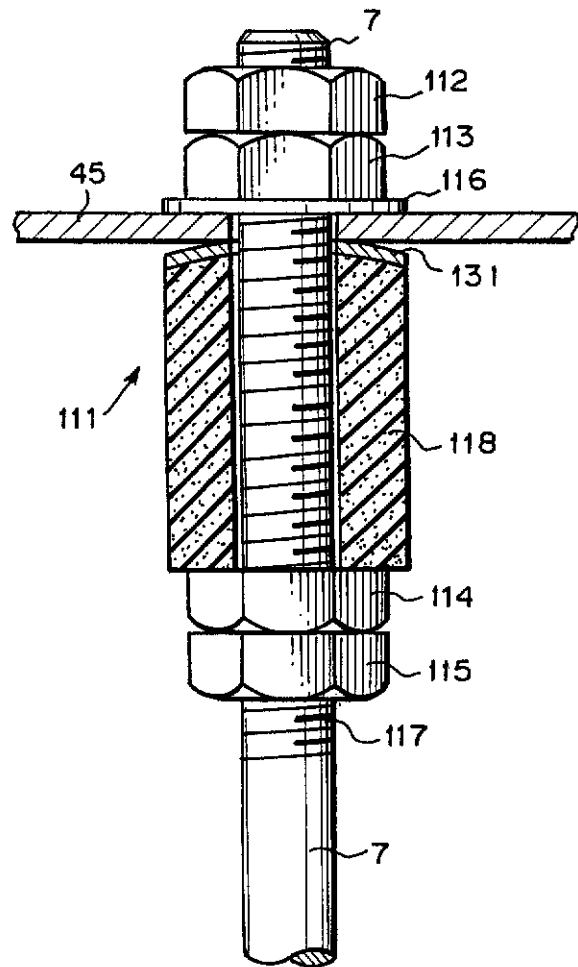
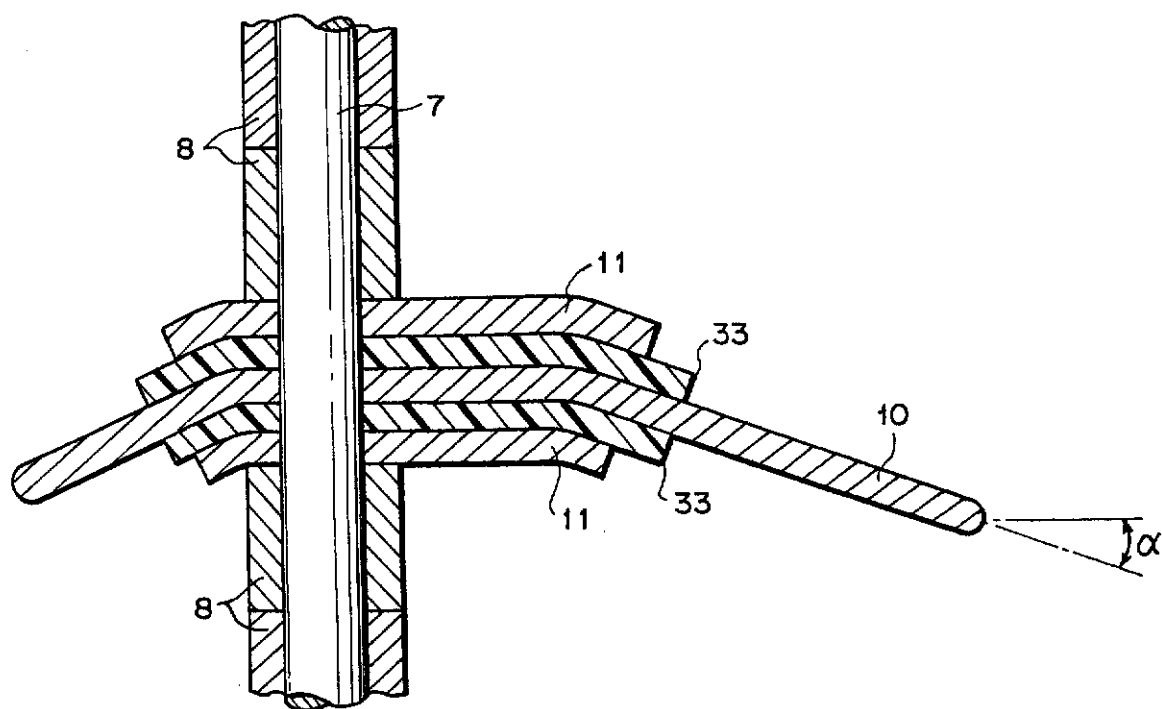


FIG.6



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FIG. 7A

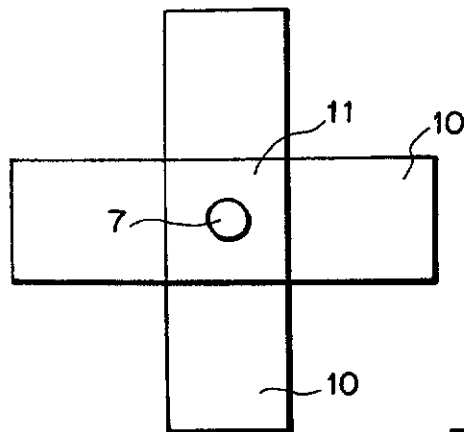


FIG. 7B

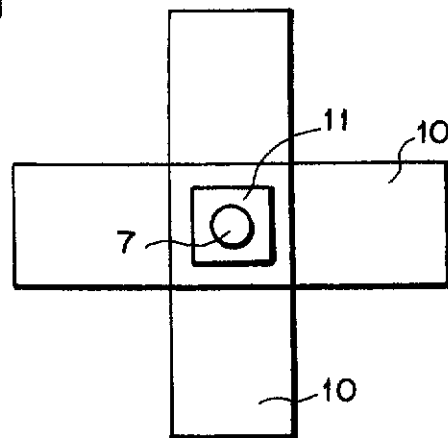


FIG. 8A

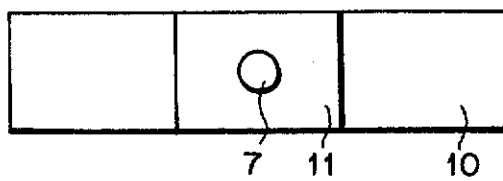


FIG. 8B

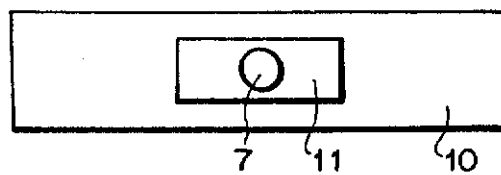


FIG. 9

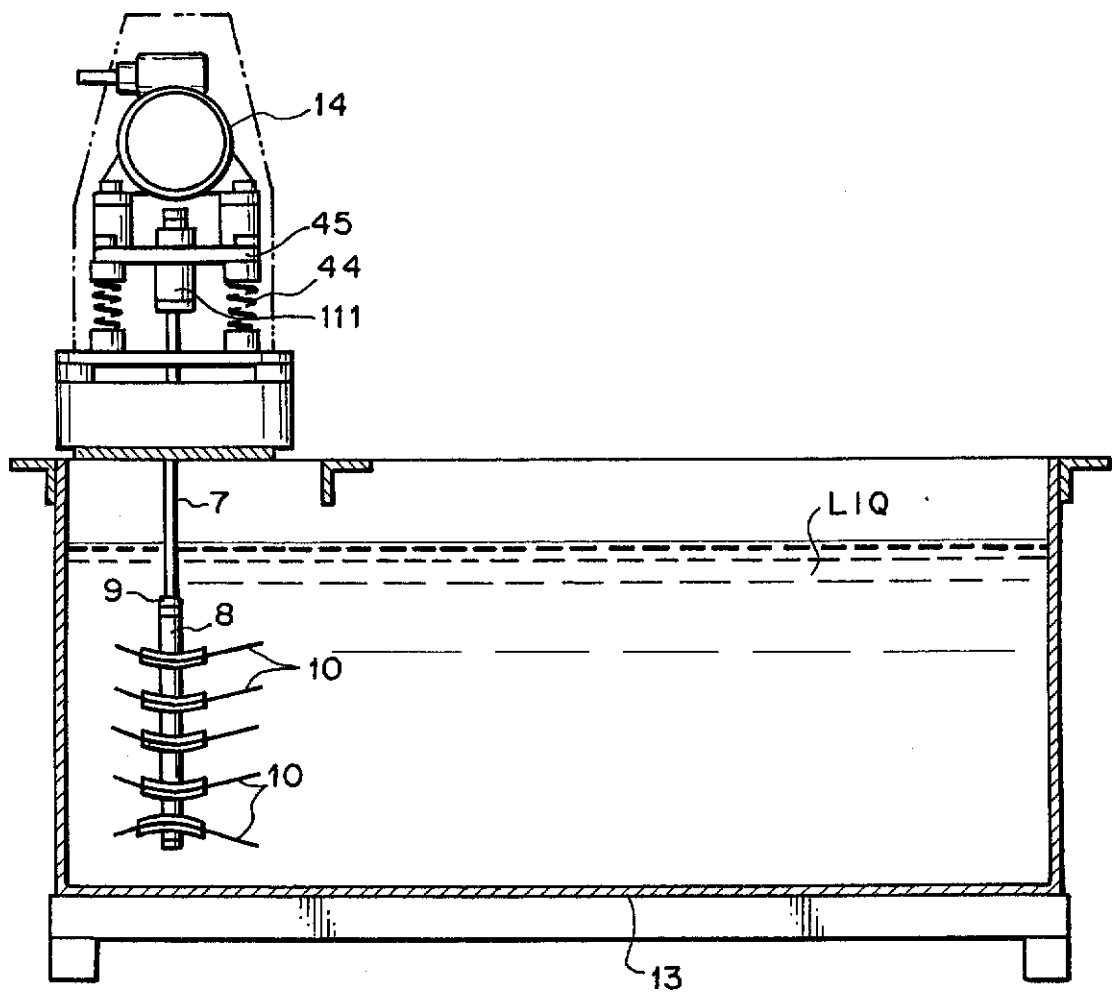
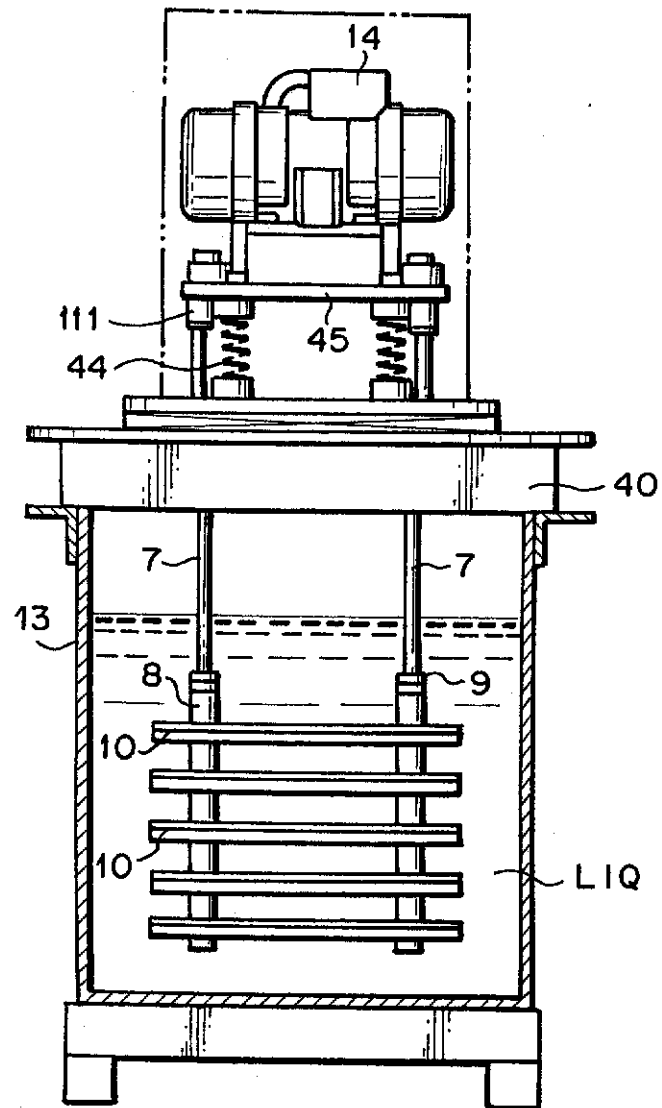


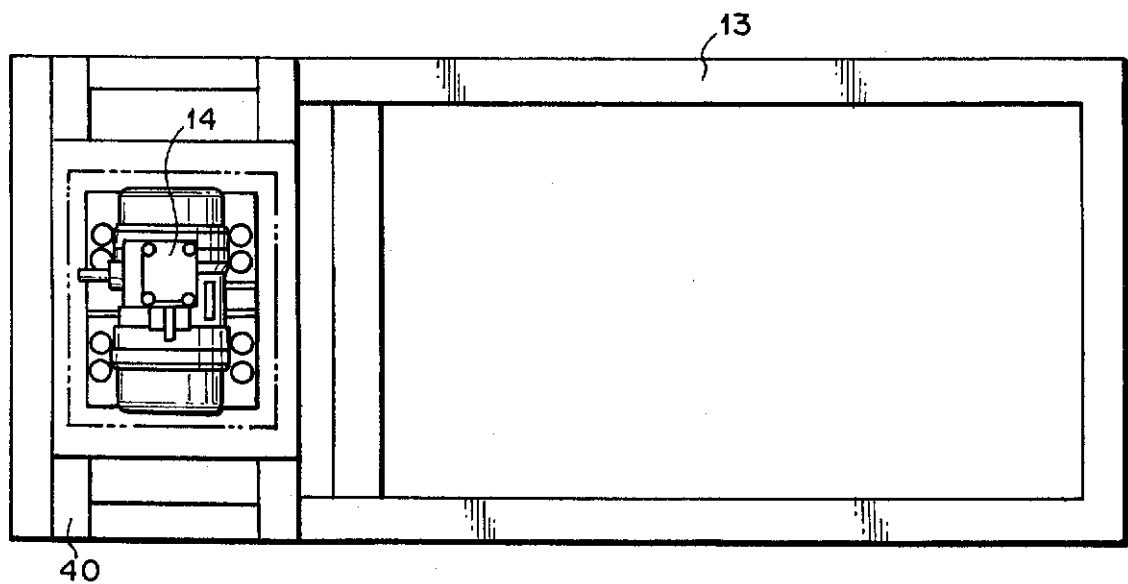
FIG. 10



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FIG. 11



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FIG. 12

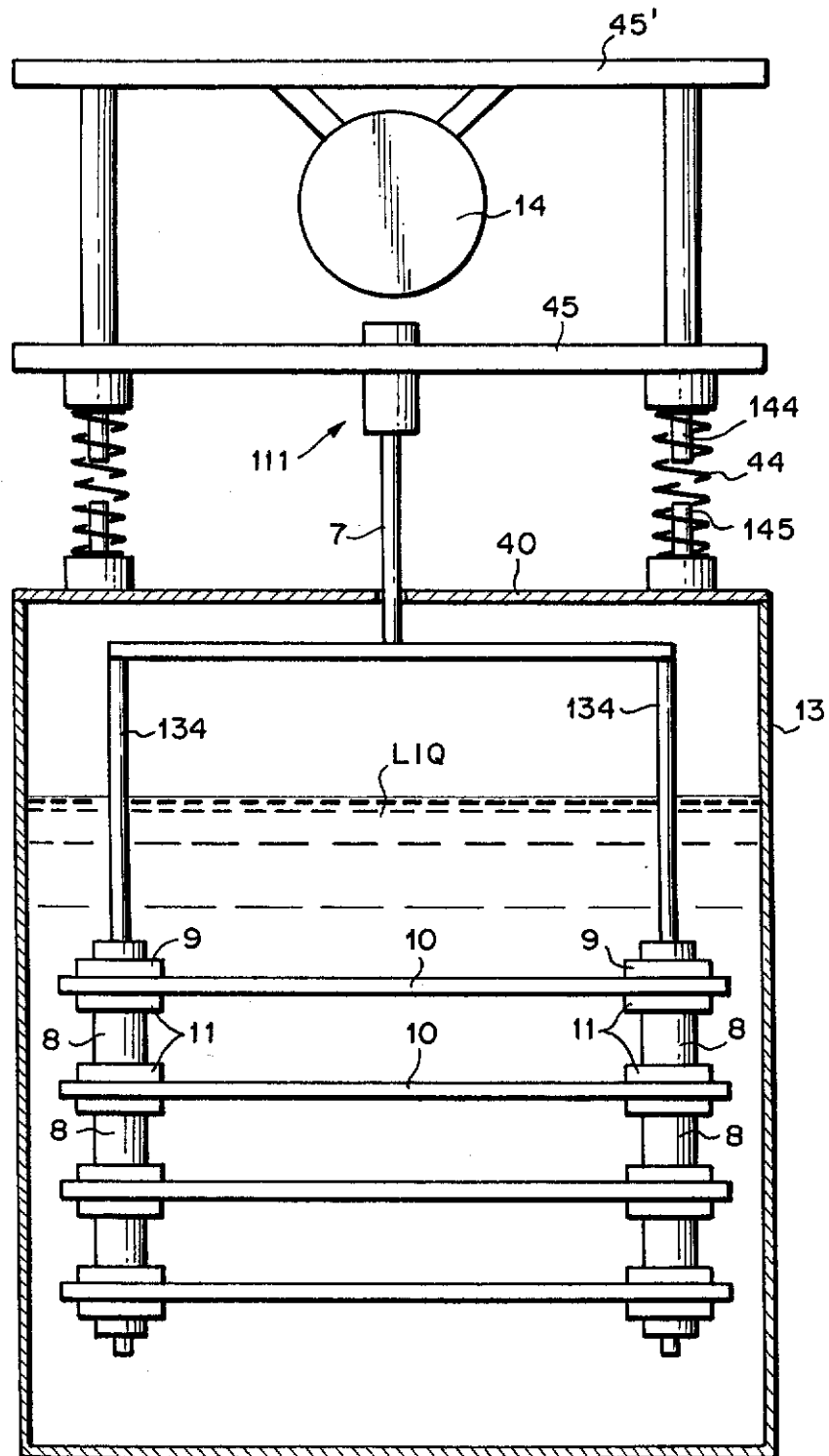


FIG. 13

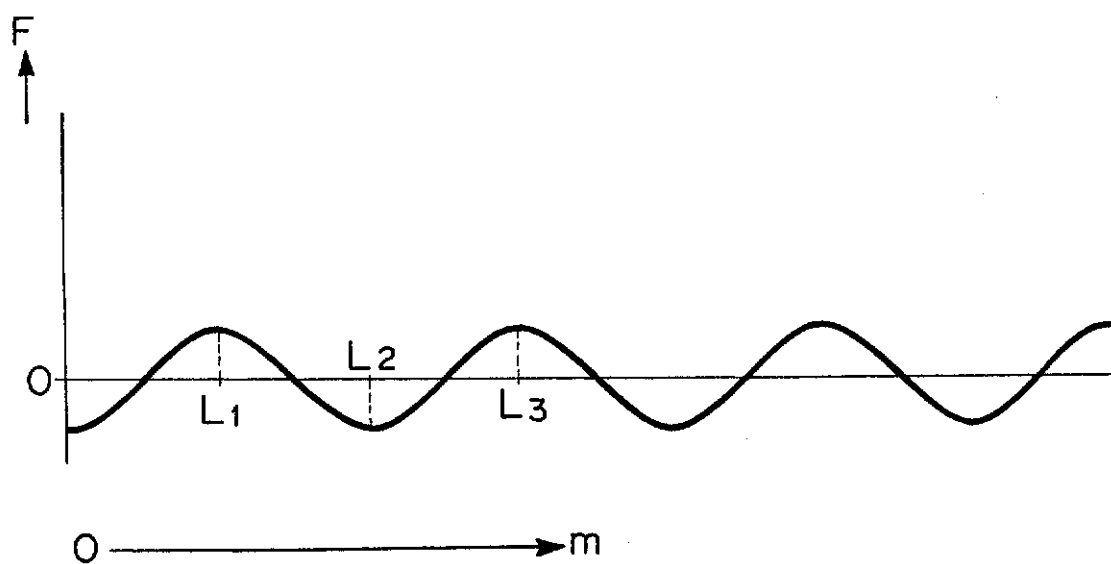


FIG. 14

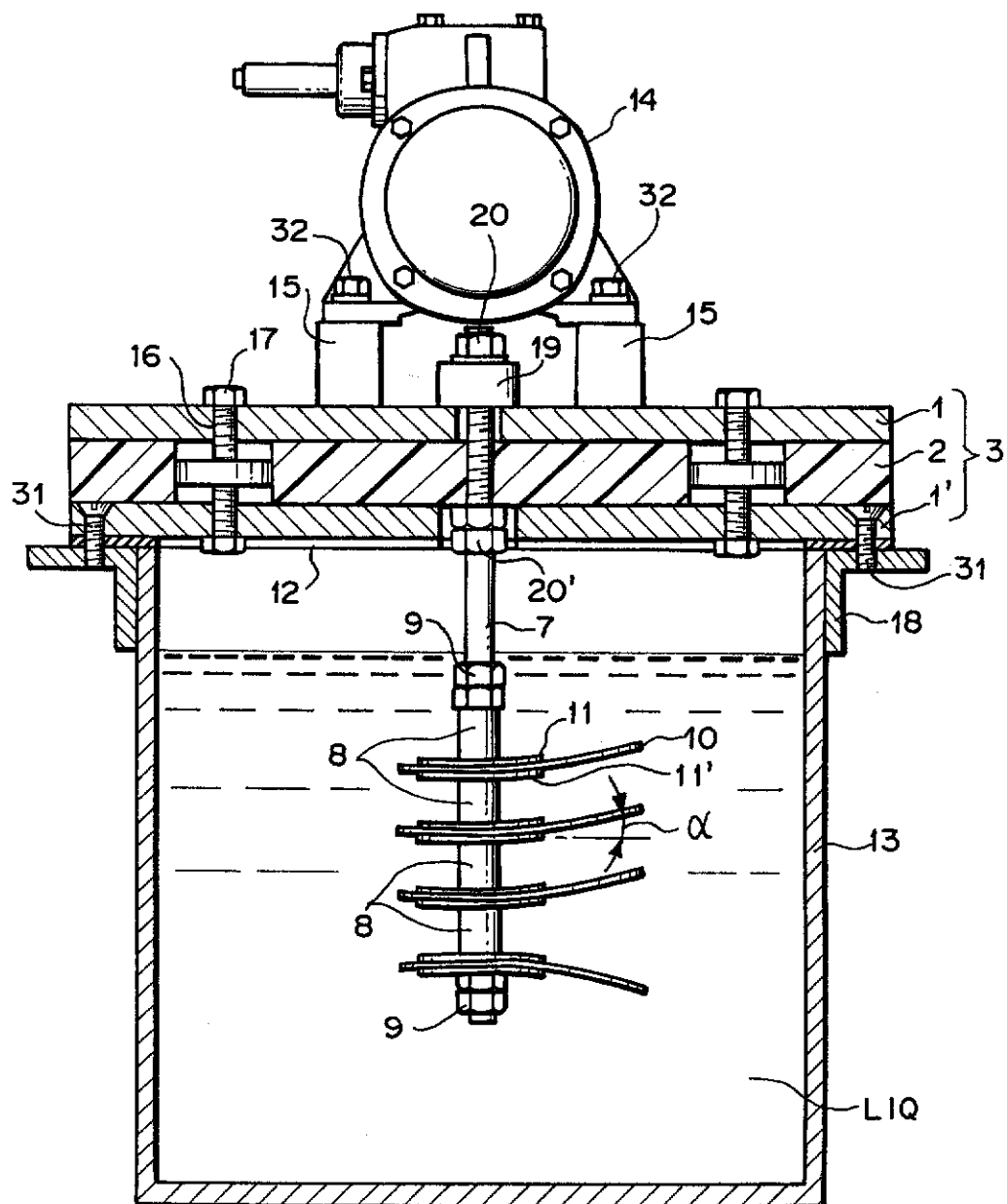


FIG. 15

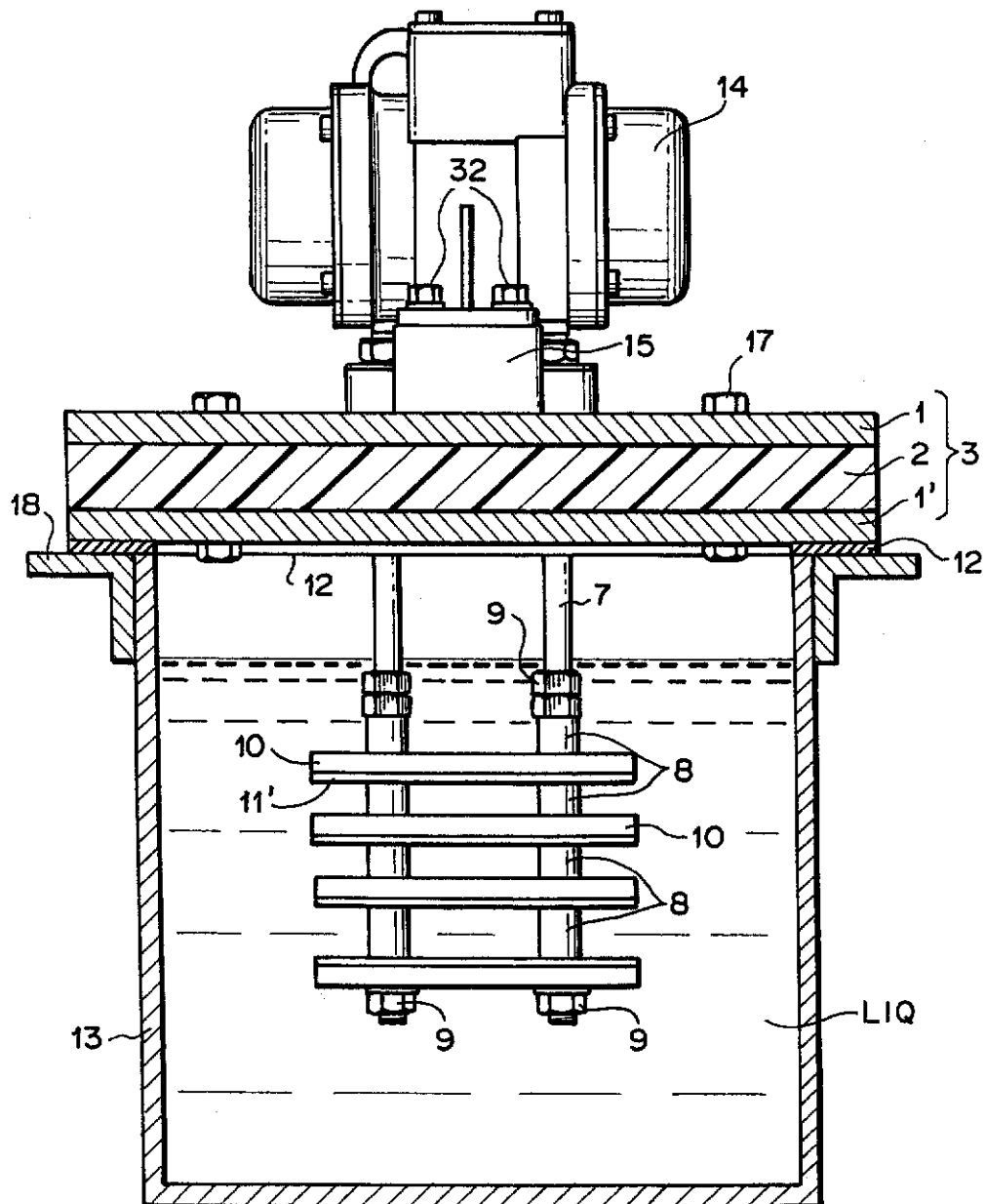


FIG. 16

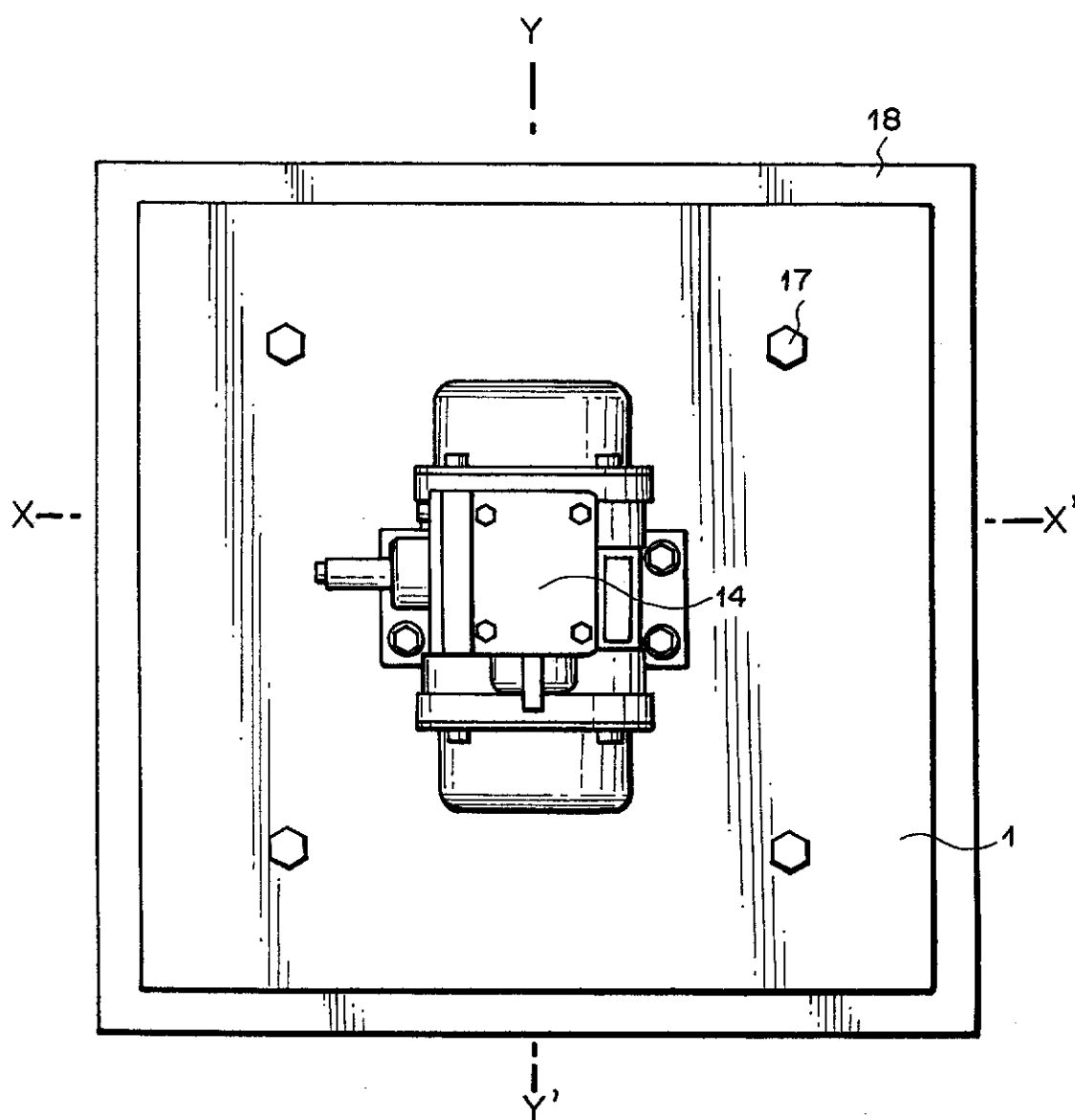


FIG.17A

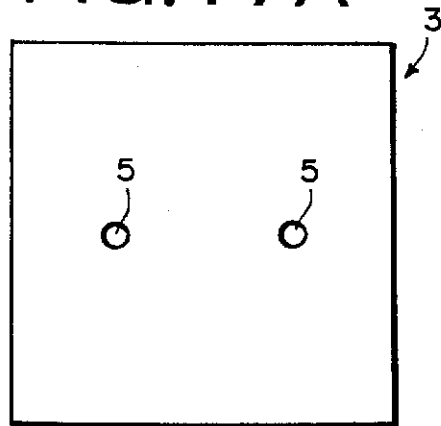


FIG.17B

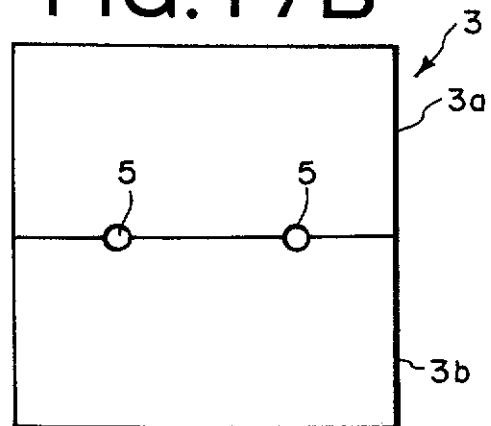


FIG.17C

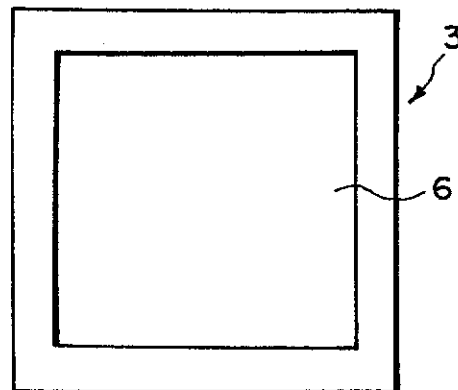


FIG.17D

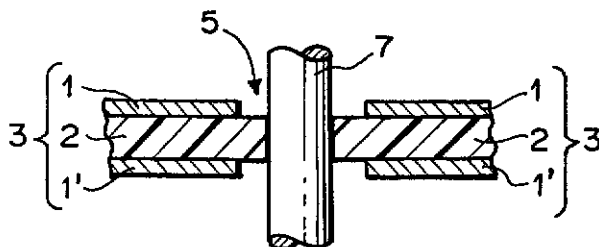


FIG.17E

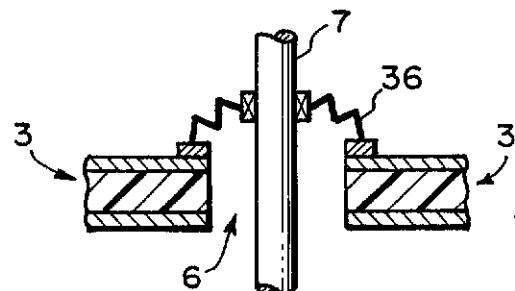


FIG. 18A

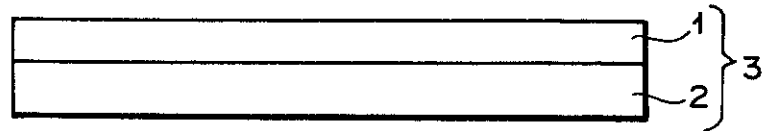


FIG. 18B

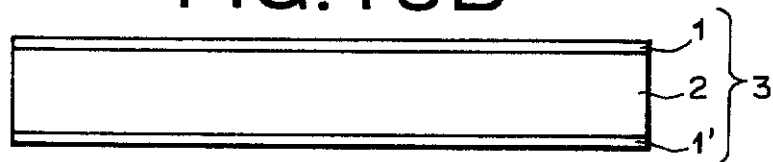


FIG. 18C

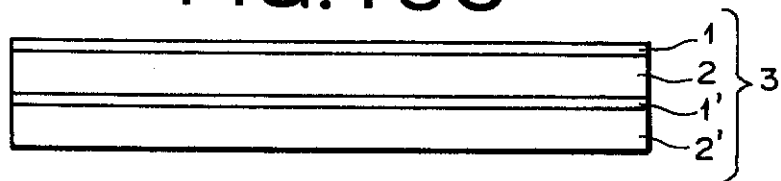


FIG. 18D

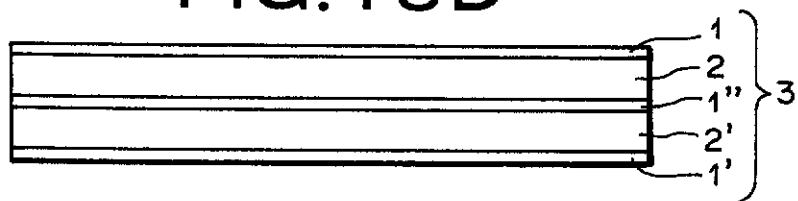


FIG. 18E

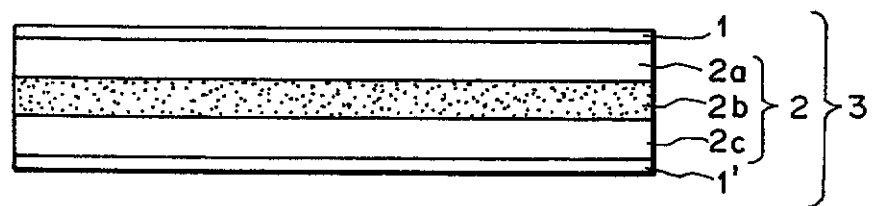


FIG. 19

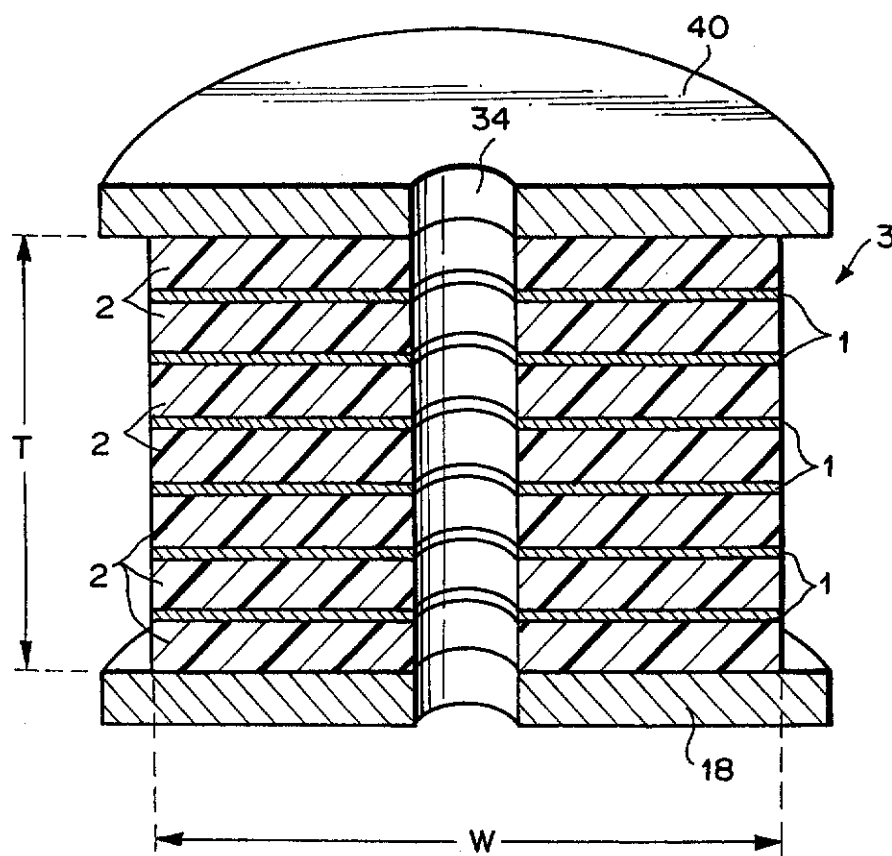


FIG. 20

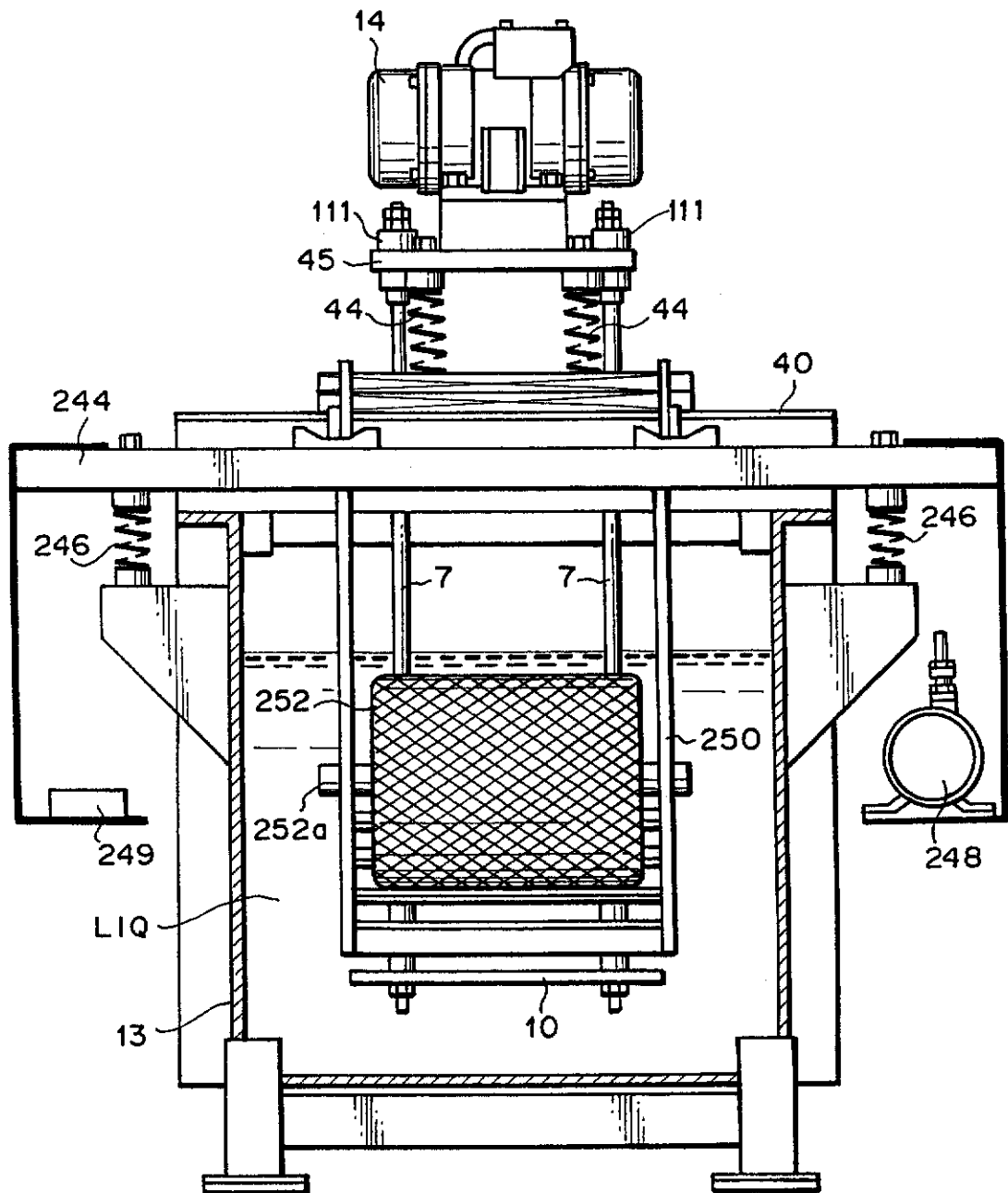


FIG.21

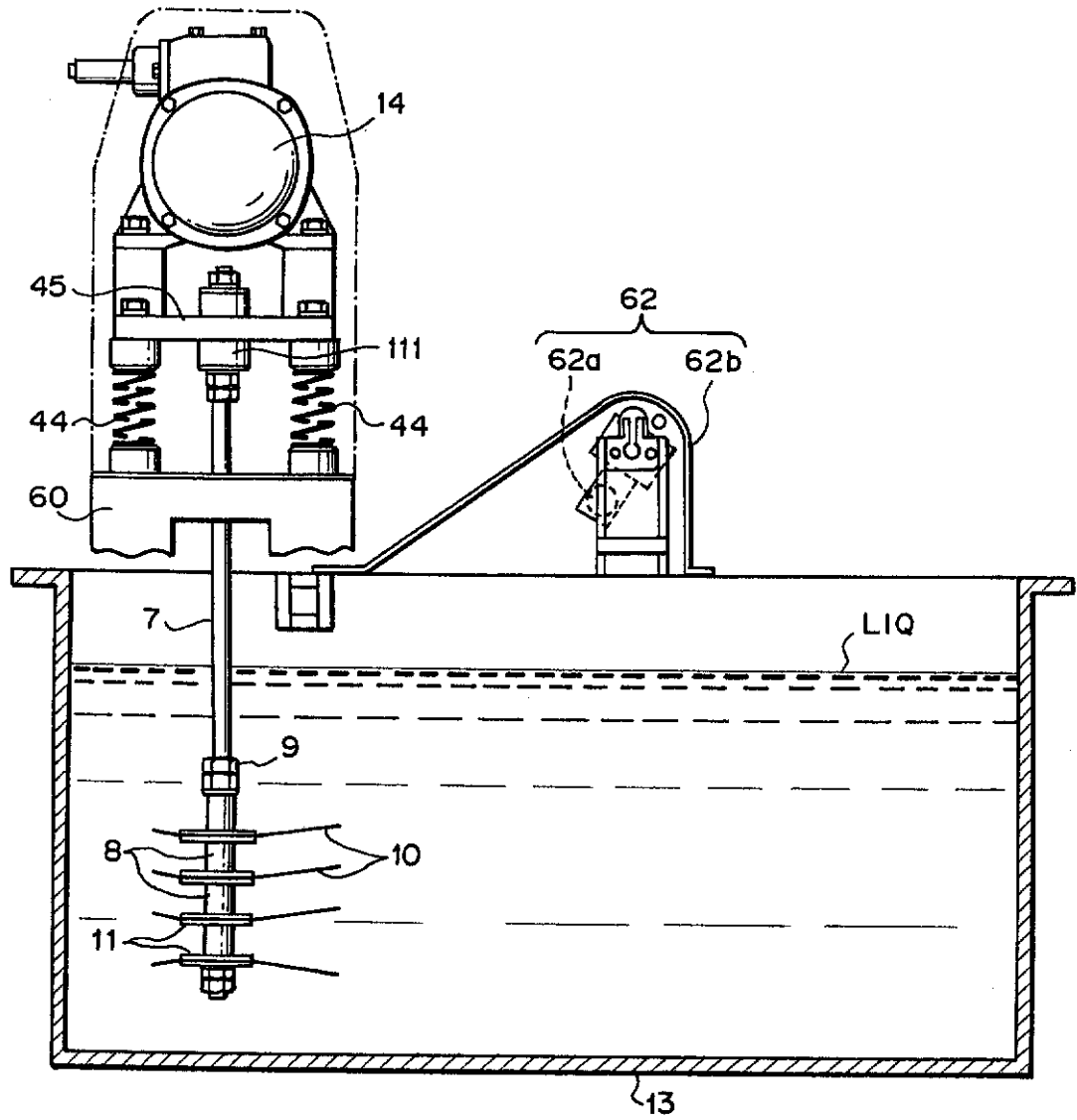


FIG.22

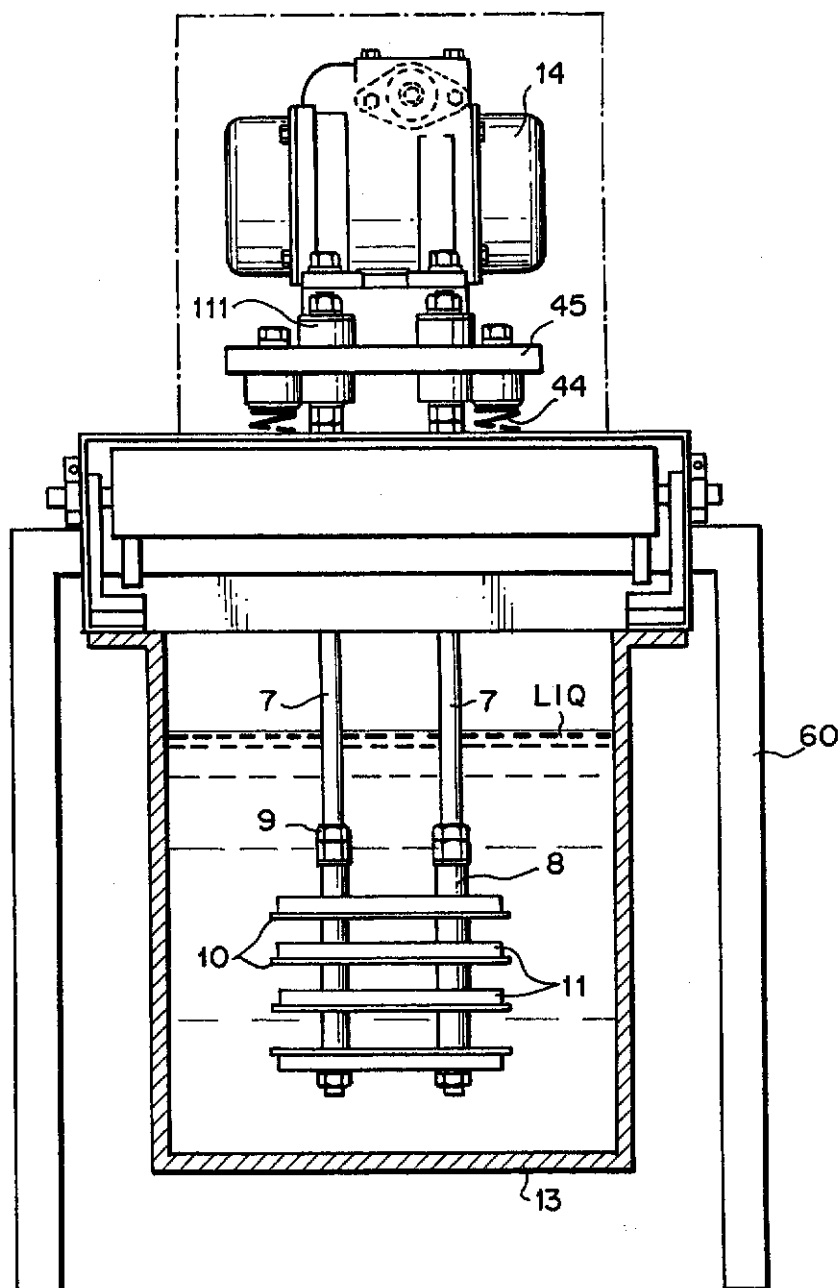


FIG.23

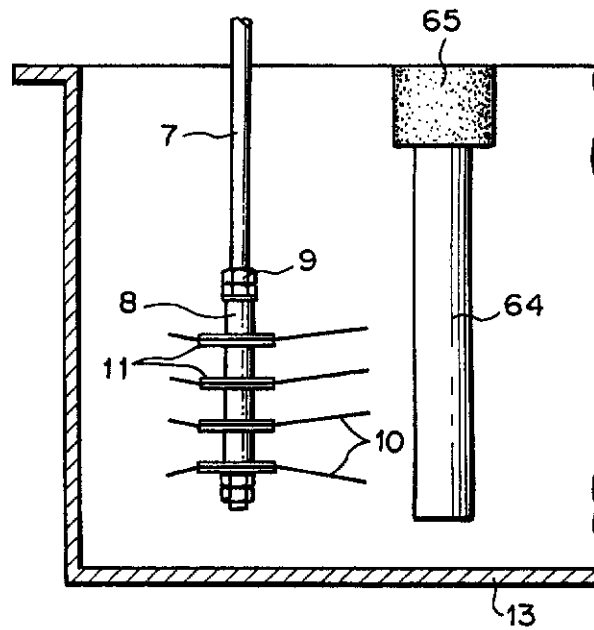


FIG.24

