

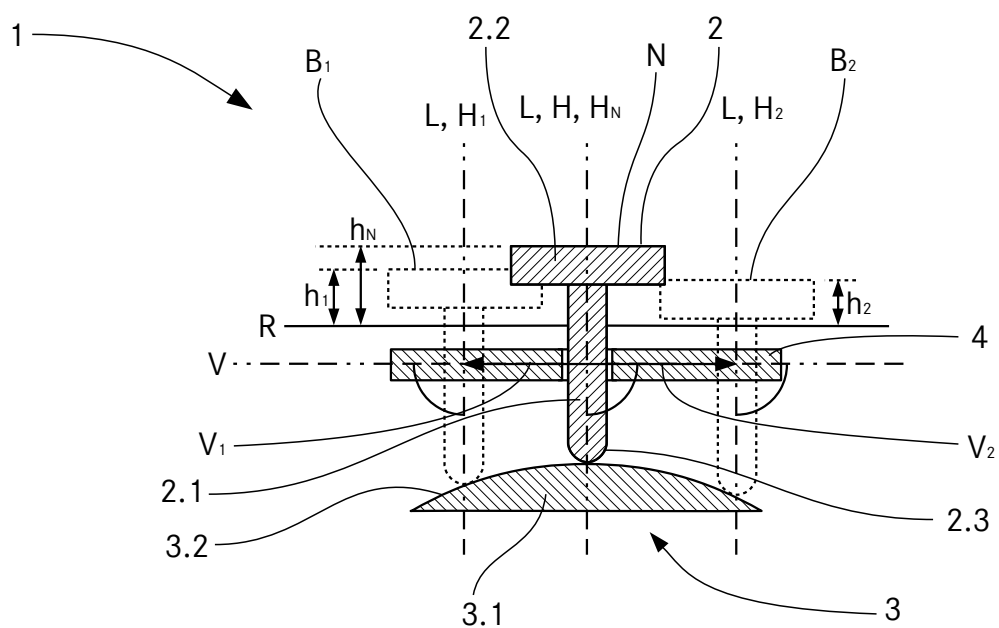


Fig. 1

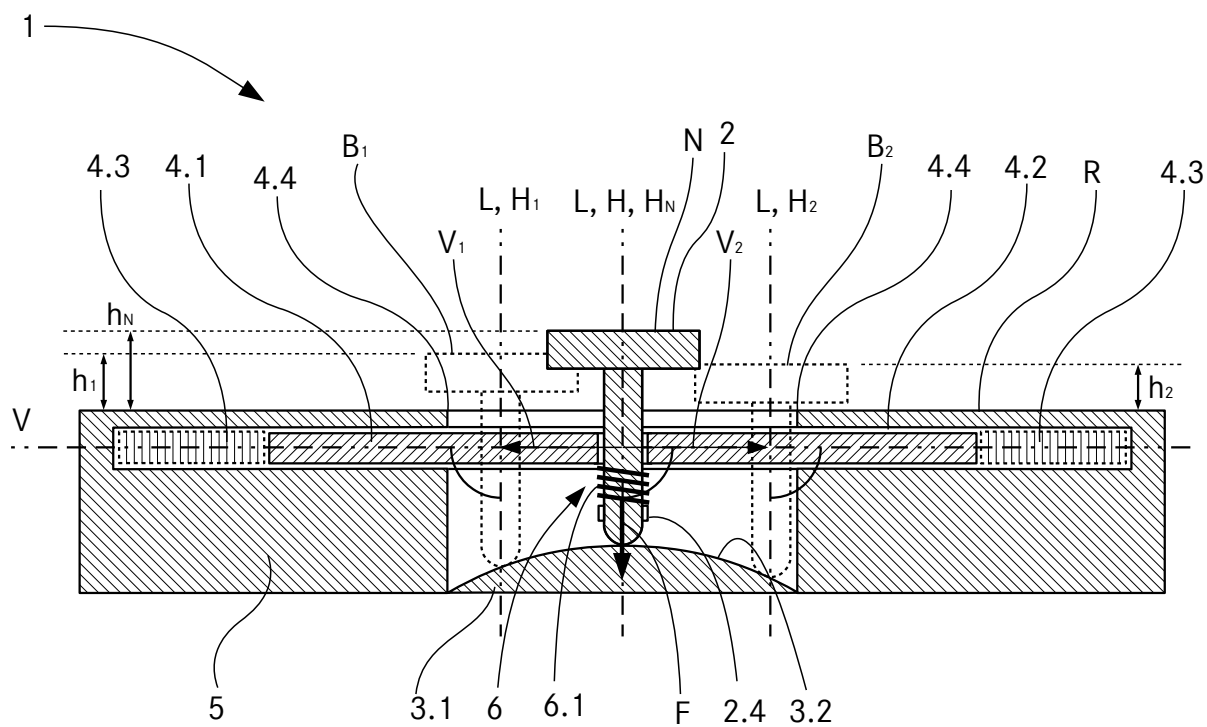


Fig. 2

Fig. 3

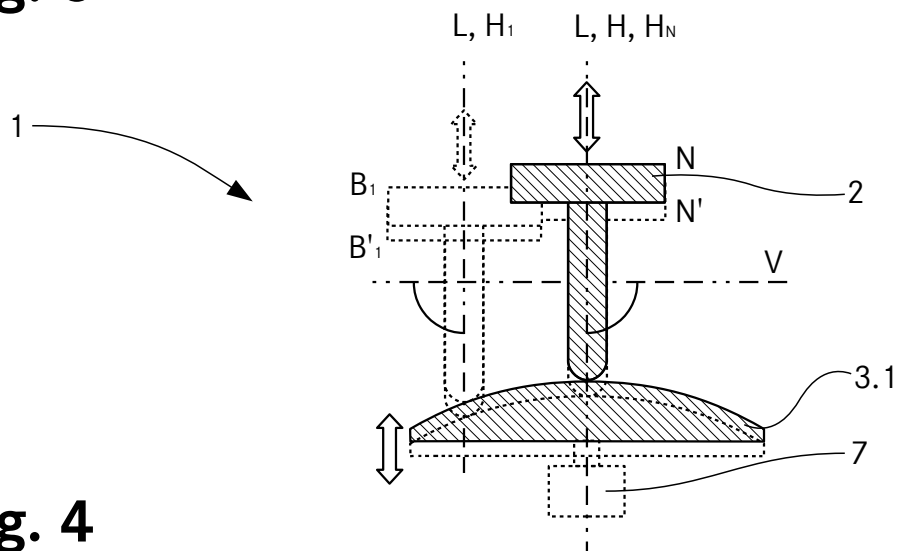


Fig. 4

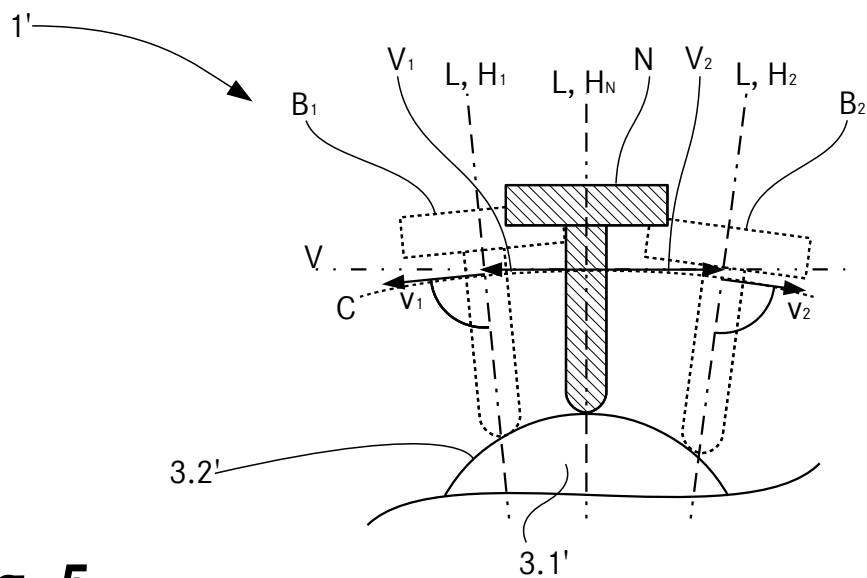


Fig. 5

Fig. 4 is a schematic diagram of a vertical assembly. It shows a central vertical rod with a dashed outline. A solid rectangular block is positioned around the rod. A dashed rectangular block is also shown. A central vertical rod passes through the blocks. A dashed circle is centered on the rod. A solid circle is also centered on the rod. Labels 4.2, 4.4, 4.7, 4.8, B₁, N, B₂, and A point to various components.

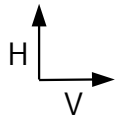
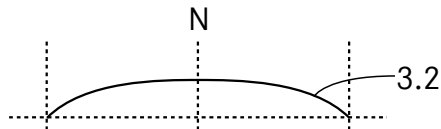
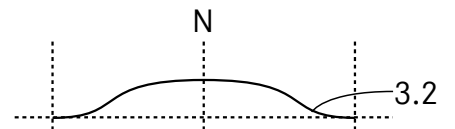
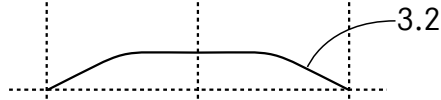
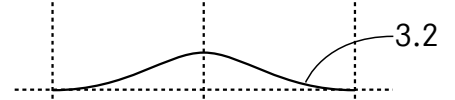
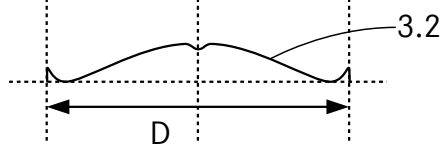
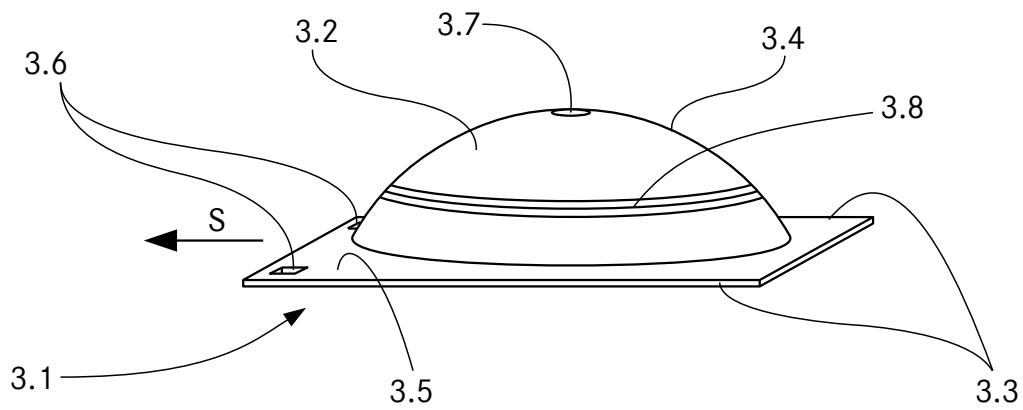
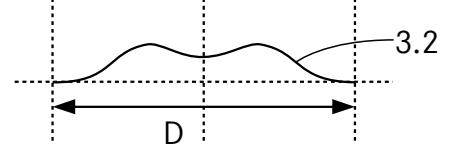
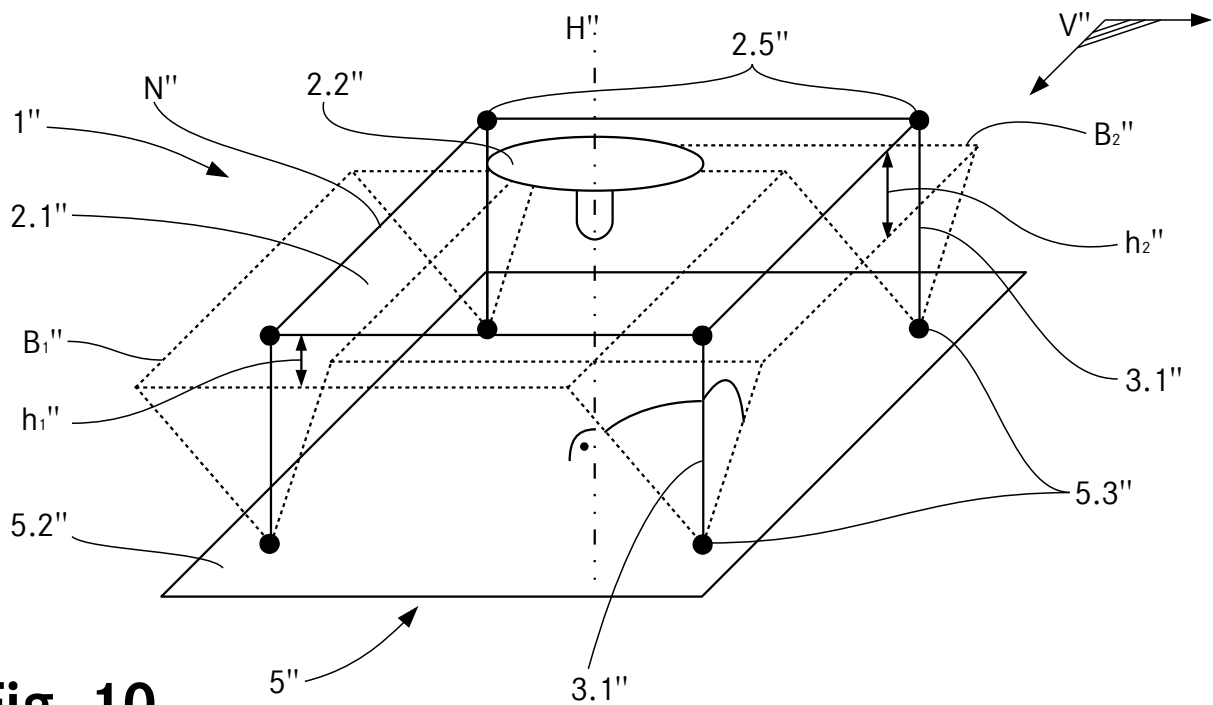
A diagram of a vertical bar with three points labeled A, V_x , and N. A double-headed vertical arrow is shown to the right of the bar, indicating a vertical displacement or force.

Diagram of a cross-shaped structure with four arms. The top arm is labeled 'A'. The left arm is labeled 'N'. The right arm is labeled 'V_x'. Arrows indicate flow: up in the top arm, down in the bottom arm, left in the left arm, and right in the right arm.

A diagram showing a circle labeled A . Inside the circle, there is a point labeled N . A vector field V_x is represented by eight arrows originating from point N and pointing outwards in various directions (up, down, left, right, and diagonals).

A square element is shown with internal stress components. A horizontal line with arrows at both ends is labeled N . A vertical line with arrows at both ends is labeled V_x . A diagonal line with arrows at both ends is labeled A .

Fig. 7d

**Fig. 8a****Fig. 8b****Fig. 8c****Fig. 8d****Fig. 8e****Fig. 8f****Fig. 9****Fig. 10**

