

Abstract

**PRESSURE MEMBRANE CAPABLE OF QUICKLY AND UNIFORMLY
RESPONDING TO PRESSURE CHANGES**

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A pressure membrane capable of quickly and uniformly responding to pressure changes is disclosed, which comprises a circular bottom, a vertical portion, an extension portion, and a sealing edge. The vertical portion is arranged around a circumference of outer edge of the circular bottom. Inner side of the vertical portion and the circular bottom encloses an air chamber cavity. A circumference of top of the vertical portion is arranged with the extension portion. The extension portion is arranged perpendicular to the vertical portion and parallel to the circular bottom. The extension portion covers top of the air chamber cavity. A circumference of inner side of the extension portion is arranged with the sealing edge arranged perpendicular to the extension portion and parallel to the vertical portion. Upper surface of the circular bottom is arranged with convex points, and lower surface of the circular bottom is a flat surface.

(FIG. 2)