

F. SCHUBERT.
CASE FOR GAGES AND THE LIKE.
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1,040,780.

Patented Oct. 8, 1912.

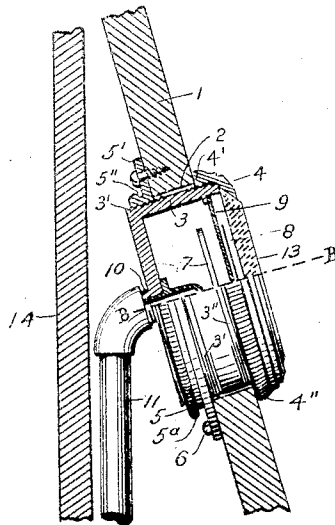


Fig. 1.

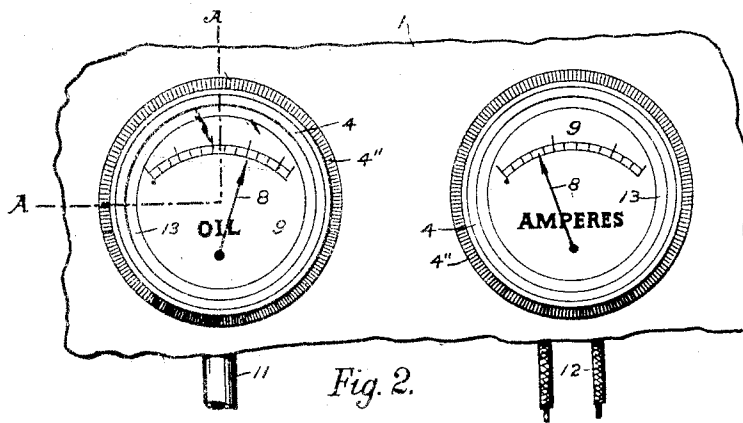


Fig. 2.

WITNESSES:

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CASE FOR GAGES AND THE LIKE.

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Specification of Letters Patent.

Patented Oct. 8, 1912.

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To all whom it may concern:

Be it known that I, FREDERICK SCHUBERT, a citizen of the United States, and resident of Sellersville, in the county of Bucks and State of Pennsylvania, have invented certain new and useful Improvements in Cases for Gages and the Like, of which the following is a specification.

This invention relates to cases for pressure, vacuum, electrical and other gages, and has for its object the construction of such a case which can be mounted in a support provided with a suitable opening, the case having front and back fastening means which firmly holds it in position.

In automobiles, for instance, the various gages, &c., are fastened on the dash board facing the chauffeur, and extend at irregular distances into the space fronting him, the cases being fastened by screws from the front against the dash board. To present an even, flat surface,—or nearly so,—I mount the cases through the dash board, (or else provide a narrow board suitably attached to the dash board,) whereby the fronts of the cases are substantially on a line parallel to the board.

In the accompanying drawings, Figure 1, is a side elevation of my improved case, partly in section on dot and dash line A—A of Fig. 2; dotted line B—B is center and, Fig. 2 is a front elevation of the gages or cases mounted in position.

Similar reference characters denote like parts.

The board, 1, is provided with a round opening, 2, for the reception of the case or body, 3; this body is threaded at the rear or inner end, 3', upon which a washer, 5, internally threaded, is screwed: this washer has an annular flange 5', a cove 5'' and a knurled annular extension, 5^a, the flange being pierced with a series of holes for screws, 6, which fasten the said washer in place on the board, concealed from the observer. The front end of the case is also threaded, 3'',

for holding the threaded bezel, 4, in place, the bezel being preferably flat on the inner surface, 4', where it rests against the board; the periphery is knurled, 4'', as shown.

13 is a glass, 14 is a front board.

The case contains the movement, 7, having a hand, 8, and a dial, 9. When used for liquid, air, or gas, the case may have the usual connection, 10, and pipe, 11, and when used electrically, may have wires, 12, this feature not being an essential part of the invention, for the reason that a clock case could be mounted as described, which would have no outside connection for operating.

Such being the construction, the operation is as follows: The case or body is placed in the opening in the board from the front and the washer, 5, tightened up, the knurled edge affording a good grip. The screws are inserted in the flange 5' and screwed up. Any needed connections are then made, and the gage is ready for use. The bezel can be unscrewed at any time to clean the glass or examine the works or movement without disturbing the gage, which is held fast by the washer 5 and screws 6.

Such being my invention what I claim is:

In a round case for gages and the like, a cup-shaped body provided with external threads on each end, means for fastening on a board, which means consist of two internally threaded washers adapted to screw on the external threads first mentioned, whereby said body is securely held when the two said washers are advanced toward each other upon said threads, one of said washers having an inturned annular flange and a glass member seated between said body and flange.

Signed at Sellersville in the county of Bucks and State of Pennsylvania this 9th day of March A. D. 1912.

FREDERICK SCHUBERT.

Witnesses:

FRED BIERET,
ERNST SCHWIND.