H. B. AZADIAN.

GAGE.

APPLICATION FILED DEC. 7, 1914.

Patented July 30, 1918.

1,273,937.

Fig. 1.

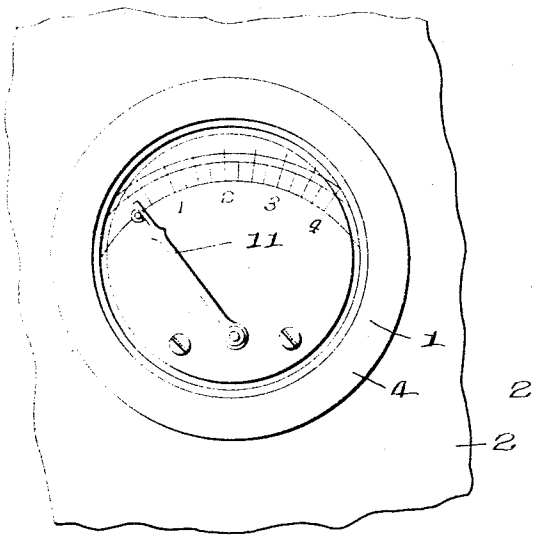


Fig. 2.

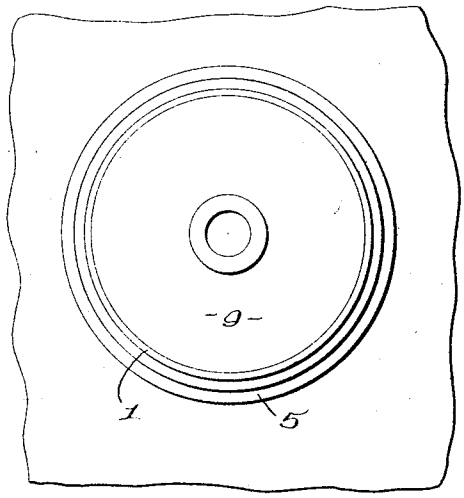
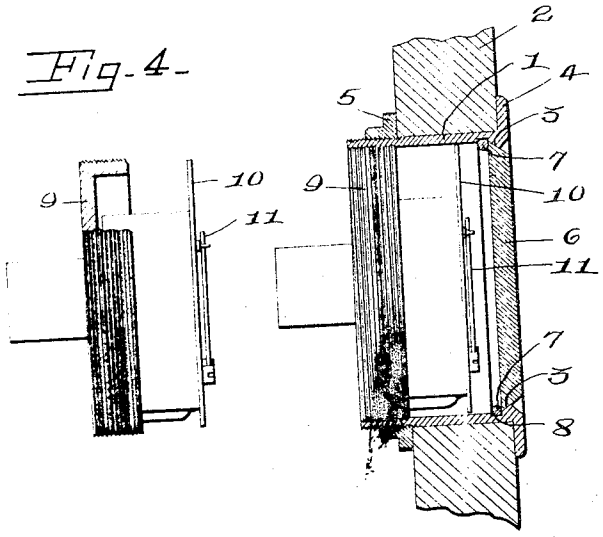


Fig. 3.

Fig. 4.



Witnesses:

Chas. Hyams.

E. R. Richard.

Harutun B. Azadian,

Inventor

By Attorneys

Parsons & Bissell.

UNITED STATES PATENT OFFICE.

HARUTUN B. AZADIAN, OF SYRACUSE, NEW YORK.

GAGE.

1,273,987. Specification of Letters Patent. Patented July 30, 1918.

Application filed December 7, 1914. Serial No. 875,798.

To all whom it may concern:

Be it known that I, HARUTUN B. AZADIAN, a subject of the Sultan of Turkey, and a resident of Syracuse, in the county of Onondaga and State of New York, have invented a certain new and useful Gage, of which the following is a specification.

This invention relates to gages, and has for its object a particularly simple and efficient construction by which the gage casing is attached to a support or dash board and by which the mechanism is readily assembled in the casing.

In describing this invention, reference is had to the accompanying drawing, in which like characters designate corresponding parts on all the views.

Figures 1 and 2 are front and rear elevations of this gage, the contiguous part of a support as a dash board being shown.

Fig. 3 is a vertical sectional view, partly in elevation, taken centrally on Fig. 1.

Fig. 4 is a detail view of the body supporting the gage mechanism.

This gage comprises a casing open at its front and rear ends and having opposing shoulders or collars on its periphery, a crystal closing the front end of the casing, and a body supporting the gage mechanism movable through the rear end of the casing, one of said collars being movable toward and from the other for clamping the casing in the hole of the support as a dash board.

1 is the casing which is cylindrical in form and fits into a hole in the support or dash board 2. Said casing is open at its opposite ends and is formed with an internal annular shoulder 3 at its front end, and is interiorly and peripherally threaded at its rear end.

4 and 5 are the opposing shoulders or flanges on the casing, the front shoulder 4 being fixed and formed integral with the casing, and the rear shoulder 5 threading on the rear end of the casing toward and from the shoulder 4. The shoulders 4, 5 clamp between them the margin of the dash board around the hole in which the casing is located.

6 is the crystal movable through the rear end of the body against the shoulder 3, the crystal being held in position by a retaining ring 7 located in an internal groove 8 in the rear of the shoulder 3. The ring 7 shoulders at its rear side against the side of the annular groove in which it seats and as the ring is thicker in cross section than the groove is deep, it extends out of the groove. The ring shoulders at its front side against the margin of the rear face of the crystal 6, and coacts with the internal beveled shoulder 3 which engages the margin of the beveled edge of the lens 6, to hold said lens in position.

9 is the body for supporting the gage mechanism, said body being cup shaped and having its rear portion threaded for turning in the internal threads at the rear end of the casing. The front of the body is closed by a dial 10 over which moves a hand 11 operated by the mechanism in the body 9. The closed rear end of the body 9 is provided with a nipple for attachment to a tube which is connected to the pump, oiling system or other source of pressure to be tested.

This gage is particularly advantageous in that it is economical of manufacture and can be readily attached to and removed from the dash board.

What I claim is:—

1. A gage comprising a cylindrical casing open at its rear end and having an opening at its front end, a body movable in the casing through the rear end thereof and having a cylindrical portion fitting and closing the rear end of the casing, gage mechanism supported by the body, and a cylindrical dial plate carried by the body and substantially fitting the interior of the casing and being located near the open end of the casing, substantially as and for the purpose specified.

2. Gage mechanism comprising a casing open at its ends and having opposing peripheral flanges, one being fixed and the other threading on the casing, a crystal at the front end of the casing, means for holding the crystal in the casing, a body threading into the casing through the rear end thereof, said body closing the rear end of the casing and being located entirely within the same and gage mechanism carried by the body, substantially as and for the purpose described.

3. A gage comprising a cylindrical casing open at its rear end and having front and rear opposing peripheral flanges, the flanges being located on the periphery of the body in position to clamp the body to a support or wall, the front flange being fixed and the rear flange threading on the casing, the casing also having an interior annular shoul-

der at its front end, a crystal movable in the casing through said rear end and against the shoulder, means for holding the crystal against said shoulder, and a cup shaped body supported by the body and movable in the body through said rear end and having threaded connection therewith, substantially as and for the purpose described.

In testimony whereof, I have hereunto signed my name in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, and State of New York, this 27th day of October, 1914.

HARUTUN B. AZADIAN.

Witnesses:
S. DAVIS,
J. GLAZIER.