April 17, 1928. 1,666,644

E. E. EICKMEYER

GASOLINE PUMP

Filed April 13, 1927

Fig. 1.

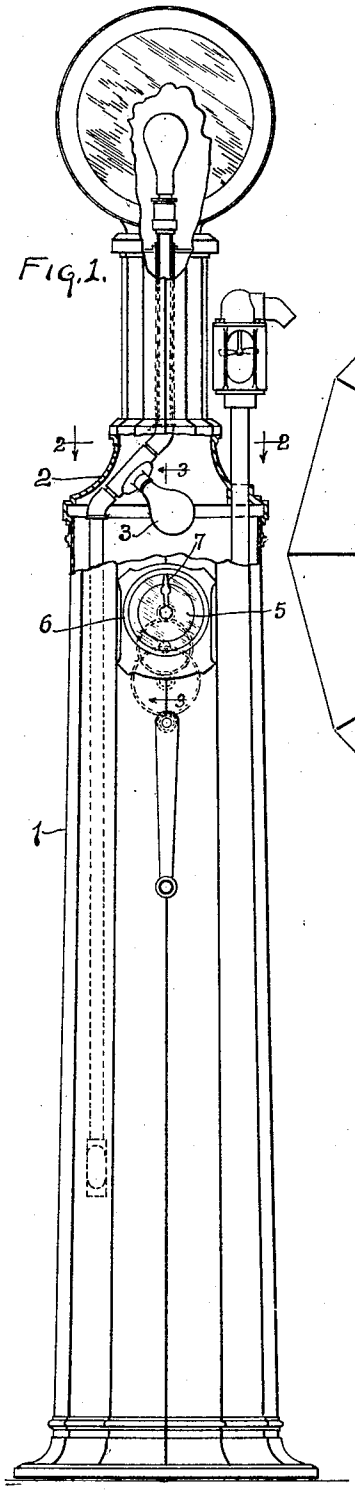


Fig. 2.

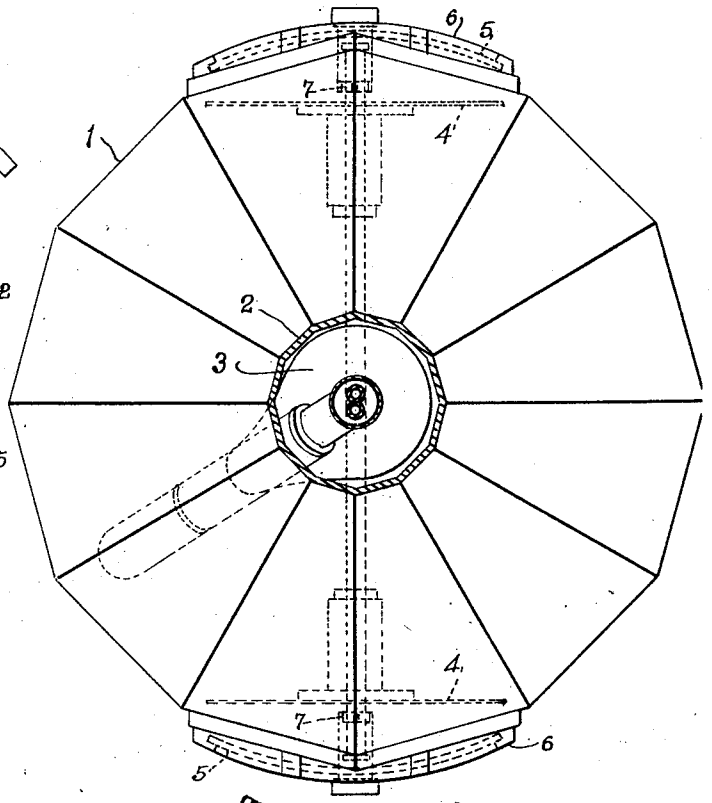
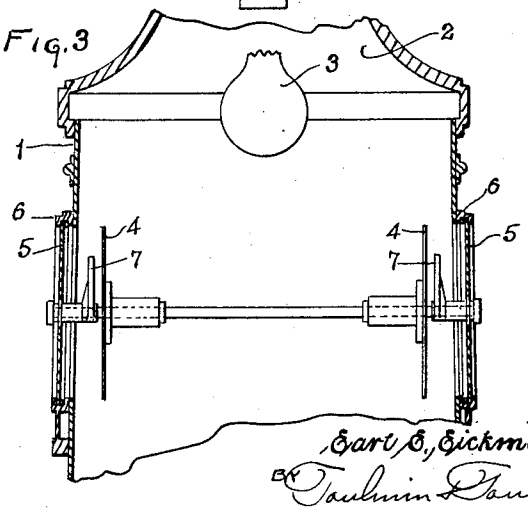


Fig. 3



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UNITED STATES PATENT OFFICE.

EARL E. EICKMEYER, OF DAYTON, OHIO, ASSIGNOR TO THE DAYTON PUMP & MFG. COMPANY, OF DAYTON, OHIO, A CORPORATION OF OHIO.

GASOLINE PUMP.

Application filed April 13, 1927. Serial No. 183,424.

My invention relates to gasoline dispensing apparatus.

It is the object of my invention to provide a dual dial construction located on opposite sides of a gasoline dispensing pump and illuminated from a common source, utilizing the interior of the enclosed casing as a reflector to reflect light from the common source on to the dial faces and dial hands.

Referring to the drawings,

Fig. 1 is a front elevation of a gasoline dispensing pump employing my invention;

Fig. 2 is a section on the line 2—2 of Fig. 1 looking in the direction of the arrows;

Fig. 3 is a section on the line 3—3 of Fig. 1 looking in the direction of the arrows.

Referring to the drawings in detail, 1 represents a housing of a gasoline dispensing pump. This housing tapers to a throat 2 which is inwardly curved to form a dome like structure. Within this dome 2 is mounted an electric light 3 so that the interior of the dome and the side walls of the casing 1 act as a reflector for the light 3. The light 3 is centrally located in such a manner that its rays are directed over the top of the dials 4. These dials are protected by the glass 5 in the frame 6 carried in the casing 1. The hands 7 pass over the face of the dials. The light from a common source is reflected over both dials and thence downwardly from the dome illuminating the dials without having direct illumination and without having any objectionable glare.

This simple construction of a single light permits of considerable economy in construction and also permits of reading the pump from either side with full illumination without having any glare which would reflect upon the glass over the dial making it difficult for purchasers to read the registration.

It has been found that the illumination of the dial is highly desirable but that any interior illumination must avoid direct light.

It is possible to utilize translucent dials with the form of my invention, if that is desired, and still utilizing the advantages of my arrangement.

It will be understood that I desire to comprehend within my invention such modifications as may be necessary to adapt it to varying conditions and uses.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. In a gasoline dispensing pump, the combination with a housing, of a dome integral with the housing, spaced dials within the housing the said dials being arranged to be visible to an observer, and a source of illumination within the dome arranged behind and between the said dials, the said dials being adapted to receive light by reflection from the said source of illumination.

2. In a gasoline dispensing pump, the combination with a housing, of a dome integral with the housing, spaced outwardly facing dials beneath the dome, a source of illumination within the dome arranged above, behind and between the dials, the said source of illumination being arranged to illuminate the face of each dial between it and the housing.

3. In a gasoline dispensing pump, the combination of a housing provided with a plurality of spaced observation openings, a dial adjacent each opening, each dial being spaced from the housing wall on the interior thereof, a dome on the said housing and integral therewith, and a source of illumination for the dials mounted in the dome above, behind and between the said dials and utilizing the interior of the dome as a reflector to illuminate the face of each dial between it and the housing.

4. In a gasoline dispensing pump, the combination of a housing provided with a plurality of spaced observation openings, a dome for the said housing, a source of illumination mounted in the dome, utilizing the interior thereof as a protection of the source of illumination and as a reflector, spaced dials below and to either side of the said source of illumination within the housing, each dial having its face facing outwardly adjacent one of the said observation openings in the housing and so arranged that reflected light may pass between the faces of the dials and the housing, and transparent covers for the said dials to protect them.

5. In a gasoline dispensing pump, the combination with a housing of a dial within the housing and a source of illumination behind and above the said dial, the dial being adapted to receive light by reflection from the said source of illumination.

6. In a gasoline dispensing pump, the combination of a housing provided with an observation opening, a dome for the said housing, a source of illumination mounted in the

dome, a spaced dial below and in advance of the said source of illumination, the dial being located within the housing, an observation opening in the housing adjacent the dial to render the said dial visible, the said dial having its face facing outwardly and so arranged that reflected light may pass between the face of the dial and the housing.

7. In a gasoline dispensing pump, the combination with a housing, of a dome integral with the housing, an outwardly facing dial beneath the dome, a source of illumination within the dome arranged above and behind the dial, the said source of illumination being arranged to illuminate by reflection the face of the dial between it and the housing.

In testimony whereof, I affix my signature.

EARL E. EICKMEYER.