

June 18, 1929.

A. P. MARSHALL ET AL

1,717,718

CHANGEABLE INDICATING DEVICE

Filed Nov. 8, 1927

2 Sheets-Sheet 1

Fig. 1.

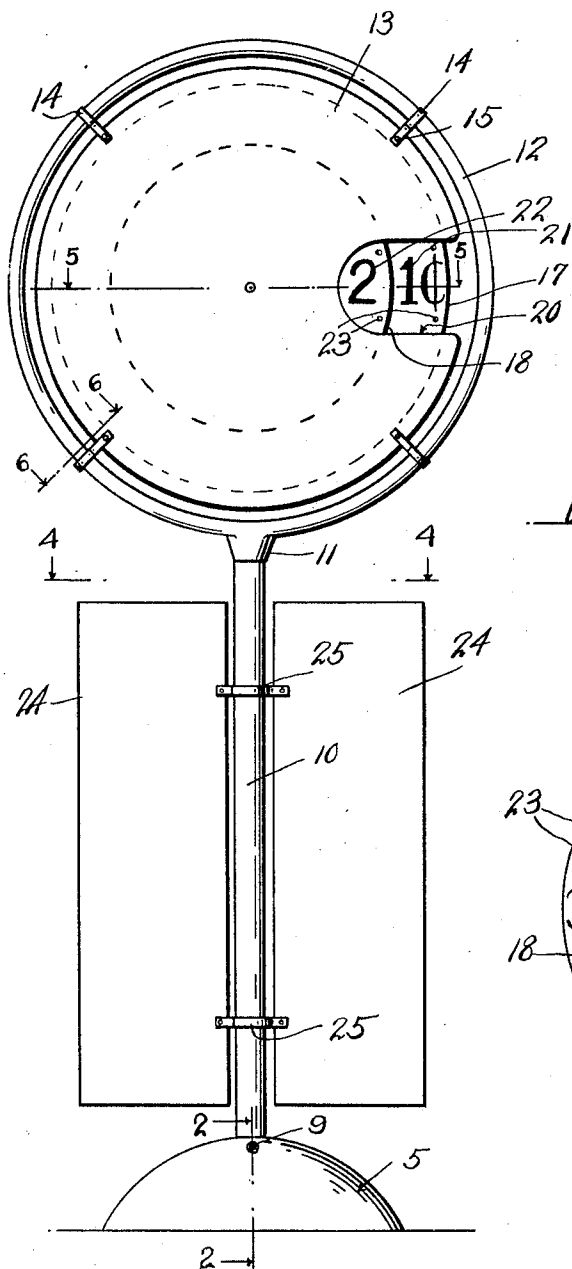


Fig. 2.

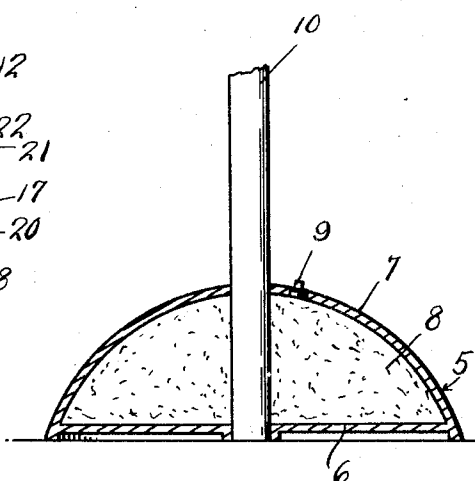
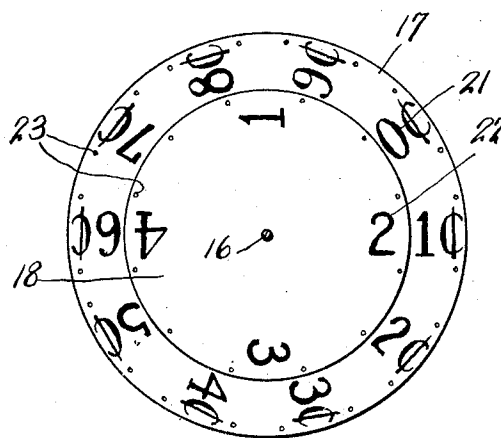


Fig. 3.



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Fig. 4.

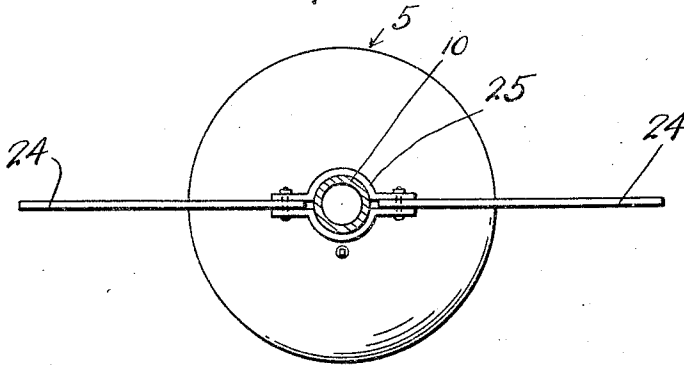


Fig. 5.

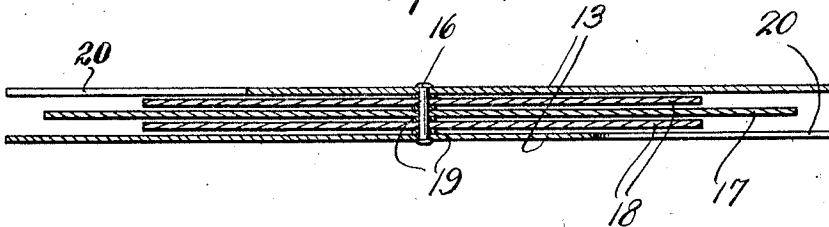
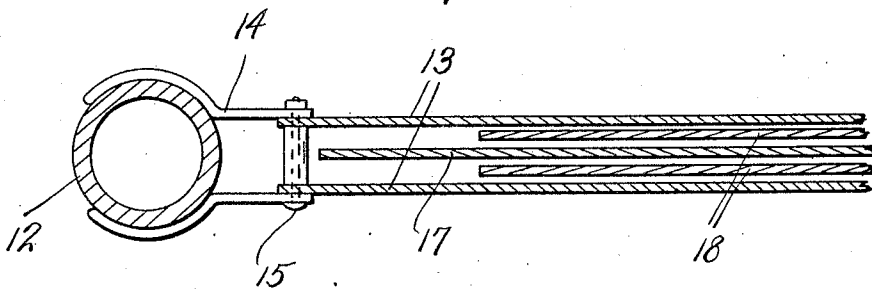


Fig. 6.



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CHANGEABLE INDICATING DEVICE.

Application filed November 8, 1927. Serial No. 231,888.

The present invention relates generally to indicating devices and more particularly to that class of devices adapted for indicating prices of certain articles and which are capable of being readily adjusted to indicate changes in such prices as they fluctuate from day to day.

A principal object of the invention is to provide a device of this character in the form of a sign secured upon a suitable support in position for being viewed from either side and provided with a plurality of price indicating disks having price indicating indicia arranged thereon and cooperating with each other to form the changeable price and indicating means and arranged so that the same price markings will appear at the opposite sides of the sign.

A further object of the invention is to provide a device of this character of simple and practical construction, neat and attractive in appearance, relatively inexpensive to manufacture and otherwise well adapted for the purpose for which the same is intended.

Other objects and advantages reside in the special construction and combination of the various elements comprising the invention, reference being had to the accompanying drawings forming a part hereof, wherein:

Figure 1 is an elevational view of the device showing the appearance thereof from one side,

Figure 2 is a vertical sectional view through the base taken substantially along a line 2—2 of Figure 1,

Figure 3 is a plan view of the independently rotatable disks showing the arrangement of the numbers thereon cooperating to form the desired price marking,

Figure 4 is a transverse sectional view taken substantially along the line 4—4 of Figure 1,

Figure 5 is a similar view through the frame supporting the disk taken along the line 5—5 of Figure 1, and

Figure 6 is a sectional view through one edge of the frame with the edge of the disk shown in relative position with respect thereto and taken substantially along the line 6—6 of Figure 1.

Referring to the drawings in detail, the invention comprises a base indicated generally at 5 having a horizontal bottom portion 6 and rounded upper surfaces 7 formed integrally therewith and combining with the

bottom portion to form the hollow interior for the base and within which may be filled the quantity of cement or sand indicated at 8 through a filler plug 9 arranged in its curved upper face in order to add to the weight of the base.

An opening is formed in the upper surface 7 of the base through which a vertically extending post 10 extends, the lower end of the post being seated within a recess formed in the bottom portion 6 of the base and the upper end of the post fitted within a socket member 11 formed on the outer periphery of a tubular frame member 12, said frame being annularly formed and supported in vertically extended position upon the post.

Within the frame are arranged a pair of cover plates 13 disposed in spaced parallel relation and secured in position within the confines of the frame by clamps 14 having one end disposed in gripping relation with the frame and their opposite ends bolted to the periphery of the covers 13 as indicated at 15 in Figure 6 of the drawings.

A concentrically arranged pin 16 connects the covers 13 forming a mounting for rotatably supporting a plurality of disk members comprising a centrally disposed disk member 17 at each side of which are arranged disk members 18 relatively smaller in size than the center disk 17. Spacing washers 19 are interposed between each of the disks and the covers to facilitate the free rotation of the disk and to maintain the same in spaced relation with respect to each other.

Each of the covers 13 is of a slightly larger diameter than the disks 17 and 18 and at one edge of each of the covers is formed a window 20 extending inwardly from the periphery of the covers and adapted to permit a view of a portion of the outer edge of each of the disks. The windows in the respective covers are disposed at diametrically opposite sides with respect to each other.

The portion of the outer edge of the larger disk 17 which protrudes beyond the outer edge of the smaller disks 18 is provided on each face with numerals 21 graduating from zero circumferentially thereabout and at the outer edge on the outer face of each of the smaller disks 18 are also arranged numerals 22 graduating from the numeral 1.

Extending circumferentially about the edge of each of the disks are arranged openings 23 within which a pointed instrument

may be inserted as the openings occur opposite the window 20 for adjusting or rotating the respective disks relative to each other.

It will thus be apparent that the numerals arranged on the disk occurring opposite the respective windows 20 may be arranged in a predetermined manner to designate a desired price mark. In order that the same price may occur opposite the windows in each of the covers 13 the arrangement of the numerals on the opposite faces of the larger disk is reversed.

Between the base 5 and the frame 12 may be arranged a pair of wings 24 extending radially at diametrically opposite sides of the post 10 with the adjacent edges of the wings provided with clamps 25 providing means for attaching the wings to the post. Suitable advertising matter may be placed upon face of the wings 24 as well as upon the outer surface of each of the covers 18.

With the parts assembled in a manner as illustrated in Figure 1 of the drawings, it will be apparent that a suitable price sign is provided which is admirably adapted for use by gasoline filling stations to indicate the current price of gasoline or other articles. Furthermore the disks enable the proper changes in price to be made as fluctuations in the course of the articles occur from day to day, and as shown in Figure 3 sufficient numerals may be arranged about the disk to provide for an extremely large range in prices.

By providing the base 5 of a hollow construction the same may be filled with the quantity of granulated material to increase the weight of the base to a suitable extent whereby to prevent the sign from falling over and whenever it is desired to move the sign the base may be emptied so as to enable the convenient moving thereof.

It is obvious that the invention is susceptible of various changes and modifications, without departing from the spirit or scope of the invention or sacrificing any of its advantages, and we accordingly claim all such forms of the device to which we are entitled.

Having thus described our invention, what we claim as new is:

1. A device of the class described, comprising a base, a post extending upwardly therefrom, an annular frame arranged at the upper end of the post, a pair of cover plates arranged in spaced relation within the frame and provided with means for attaching the same to the frame, each of said covers having a window formed therein at diametrically opposite edges of the respective covers and a plurality of disks rotatably supported by the covers with a portion of each of the disks adapted to be moved in registering

position relative to the respective windows and arranged with the registered portions of the disks exposed for finger gripping engagement through the windows.

2. A changeable indicating device of the class described, comprising a base, a post extending upwardly from the base, an annular frame mounted in vertically extending position at the upper end of the post, a pair of cover plates arranged in spaced parallel relation within the confines of the frame, attaching clamps arranged between the plates and the frame, said plates having windows formed adjacent their edges and disposed adjacent the opposite sides of the frame, a concentrically arranged pin extending between the plates, a plurality of disks rotatably mounted thereon and comprising a centrally disposed disk and a pair of relatively smaller disks, each of the smaller disks being interposed between the center disk and one of the cover plates, the outer edge of each of the disks being provided with indicia adapted to be moved into registry with the openings in the cover plates and cooperating with each other to indicate a predetermined identical price marking in association with the respective windows and arranged with the registered portion of the disks exposed for finger gripping engagement through the windows.

3. In a changeable indicating device, an annular frame, a pair of cover plates arranged in spaced relation within the confines of the frame, clamp members connecting the edges of the plates to the frame, means carried by said members for securing the plates in uniform spaced relation, each of said plates having a window extending inwardly from one edge and disposed adjacent the opposite sides of the frame, a pin extending concentrically through said plates, a plurality of disks mounted thereon for independent rotation, spacing members interposed between said disks, said disks comprising an intermediate disk with relatively smaller disks at each side thereof with the edge of said larger disk and the edge of one of the smaller disks arranged to register with the respective windows; each of said disks having price indicating indicia arranged adjacent the edge thereof cooperating to indicate an identical predetermined price to be viewed through the window of each plate and disposed with their registered edges disposed for finger gripping engagement through the windows.

In testimony whereof we affix our signatures.

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