No. 619,078. Patented Feb. 7, 1899.

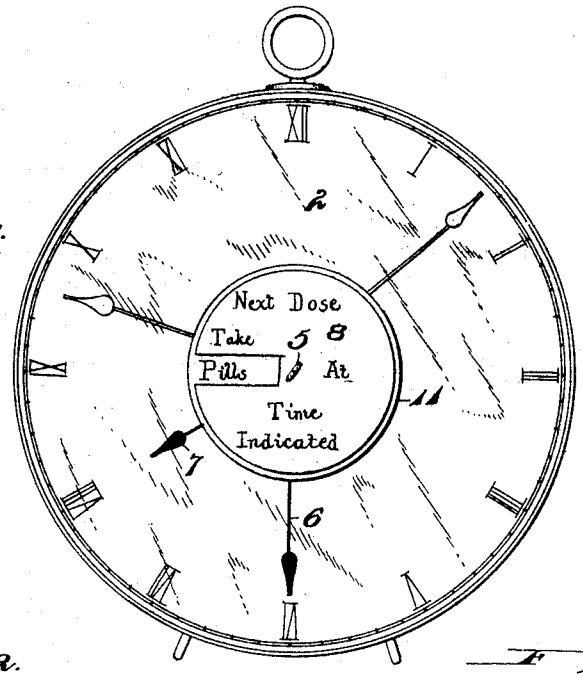
T. F. HANDLY.

MEDICINE TIME INDICATOR.

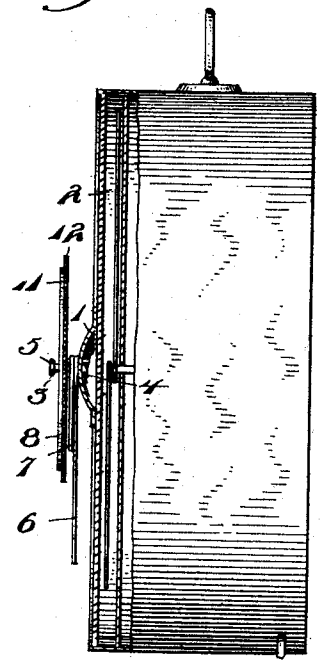
(Application filed Aug. 12, 1898.)

(No Model.)

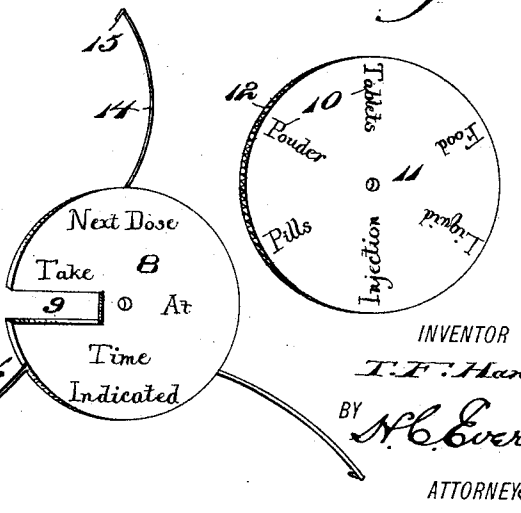
F fig. 1.



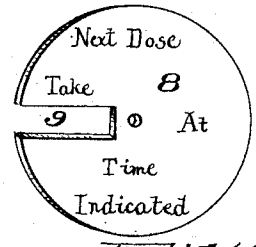
F fig. 2.



F fig. 3.



F fig. 5.



F fig. 4.

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UNITED STATES PATENT OFFICE.

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MEDICINE TIME-INDICATOR.

SPECIFICATION forming part of Letters Patent No. 619,078, dated February 7, 1899.

Application filed August 12, 1898. Serial No. 688,448. (No model.)

To all whom it may concern:

Be it known that I, THOMAS F. HANDLY, a citizen of the United States of America, residing at Allegheny city, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Medicine Time-Indicators, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in medicine time-indicators.

The invention has for its object to construct a time-indicator of this class that may be secured to the face of the ordinary clock in such a manner that when taken in connection with the hands of the clock it will indicate that the medicine should be administered or taken by the person or patient under treatment. To accomplish this, I provide two independently-operated hands and a stationary and revoluble disk, said revolving disk having the names of different medicines marked thereon and the stationary disk acting as a notice-disk and having a cut-away portion which when one of the names on the revolving disk is brought opposite the cut-away portion will disclose the same to view. The independently-operated hands may be of a different color than the hands of the clock and are adapted to be moved to the exact time set for the administering of the medicine, so that when this predetermined time arrives the hands of the clock will be directly beneath the hands of the indicator. I am aware that devices for this purpose have heretofore been employed; but such devices are adapted to be attached to the neck of the bottle containing the medicine, to the medicine-spoon, or other places where they will not be in view for the patient or for the nurse who is to administer the medicine. My device is, on the contrary, adapted to be secured to the clock-face by a suction-disk or other suitable means and when not in use may be readily removed therefrom.

The invention also consists in other features of construction and in the combination and arrangement of parts hereinafter more specifically described and claimed, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a front view of a clock with my improved medicine time-indicator in position thereon. Fig. 2 is a side view with part of the indicator and clock in section. Fig. 3 is a perspective view of the stationary disk. Fig. 4 is a perspective view of the revoluble disk. Fig. 5 is a perspective view of the stationary disk, showing a modified form of securing means.

To enable others skilled in the art to make and use my invention, I will now describe the same in detail, referring to the drawings, wherein the numeral 1 indicates the concavo-convex suction-disk by means of which the indicator is secured to the clock-face 2, this principle being old and well known in various arts. Centrally mounted in the disk 1 is a shaft or axle 3, which is revoluble and is retained by a head 4, formed on its inner end. The shaft or axle is formed on its outer end with a suitable knob 5. Neatly fitted upon the shaft or axle and adapted to turn thereon are the hands 6 and 7, the former representing the hour-hand and the latter the minute-hand, and they may be made of any suitable length desired. In order to prevent confusion or possible error in the time, these hands may be made of a different color than the hands of the clock.

Rigidly mounted on the shaft or axle 3, outside of the hands 6 and 7, is a disk 8, which is provided in its periphery with a notch or opening 9 of sufficient width and depth to fully permit the display of the names, as at 10, these latter indicating the different medicines and being arranged radially or in other suitable manner upon the revoluble disk 11, which is mounted on the shaft 3 between the disk 8 and hands 6 and 7 and is preferably formed with a knurled periphery, as at 12, to prevent the slipping of the fingers when gripping the disk.

The disk 8 has placed thereon a suitable notice—such, for example, as shown in Figs. 1 and 3 of the drawings.

In Fig. 5 I have shown a modified form of fastening means, the disk 8 being of the same form of construction and having secured thereto curved or bowed arms having hook ends 15, which are adapted to engage the rim of the clock to hold the device in position.

The operation, it is thought, will be readily

apparent from the foregoing description when taken in connection with the accompanying drawings, and a further detailed description is thought to be unnecessary, as it will be noted that the hands 6 and 7 are set to the desired hour and the disk 11 turned so as to bring its inscription in view at the opening 9. When the clock-hands are hidden by or are directly opposite to the hands 6 and 7, the predetermined hour has arrived.

The device may be readily removed from the clock when not desired for use.

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

1. In a medicine time-indicator, the combination of a revoluble and a stationary disk suitably mounted upon a common shaft, a pair of clock-hands of unequal length mounted on the shaft, and means connected to said shaft for securing the same in the desired position, substantially as shown and described.

2. In a medicine time-indicator, the combination of a suction-disk for securing the indicator to the clock-face, a shaft revolubly mounted in said disk, revoluble indicating-hands mounted on said shaft, a medicine indicating-disk revolubly mounted on the shaft, and a notice-disk rigidly mounted on the shaft in front of the medicine indicating-disk, substantially as shown and described.

3. In a medicine time-indicator, the combination of a suction-disk which is adapted to support the indicator, a shaft mounted in said disk, indicating-hands mounted on said disk, and a medicine indicating-disk revolubly mounted on said shaft, substantially as shown and described.

4. A medicine time-indicator comprising a suction-disk, a pair of indicating-hands, a medicine indicating-disk and a medicine notice-disk all mounted upon a common shaft arranged in the suction-disk, substantially as shown and described.

5. A medicine time-indicator comprising a suction-disk for securing the indicator to the face of the clock, a shaft mounted centrally in said disk, indicating-hands mounted on said shaft, a stationary and revoluble disk mounted on said shaft, said stationary disk having an opening to display an inscription carried by the revoluble disk as and for the purpose set forth.

6. In a medicine time-indicator, the combination of a pair of indicating-hands, a medicine-disk, a notice-disk, and means for securing the same to the face of the clock, substantially as shown and described.

7. In a medicine time-indicator a common shaft carrying a pair of indicating-hands, and a suction-disk connected to the said shaft for securing the same to the face of a clock, substantially as shown and described.

In testimony whereof I affix my signature in the presence of two witnesses.

THOMAS F. HANDLY.

Witnesses:
JOHN NOLAND,
E. W. ARTHUR.