(No Model.)

B. A. CHAPMAN.

MEDICINE TIME INDICATOR FOR BOTTLES.

No. 576,833. Patented Feb. 9, 1897.

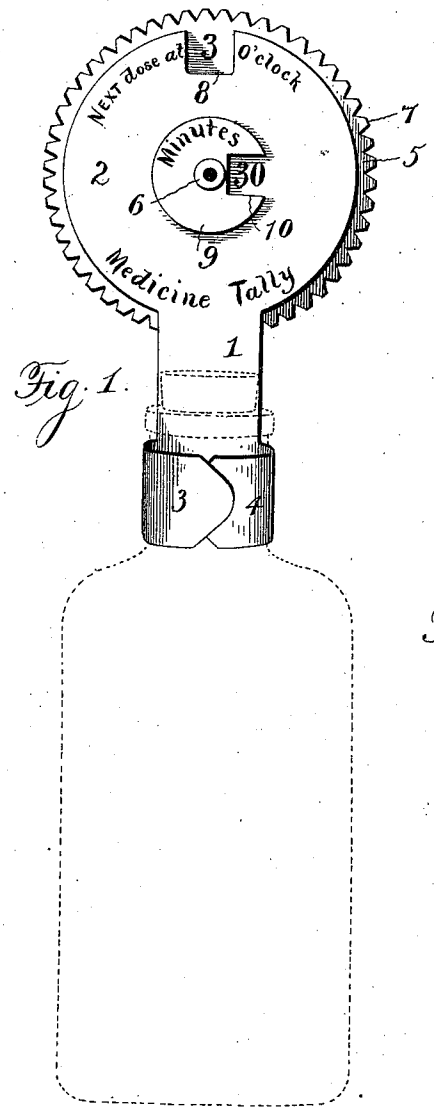


Fig. 1.

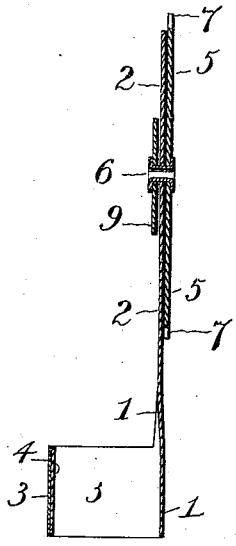
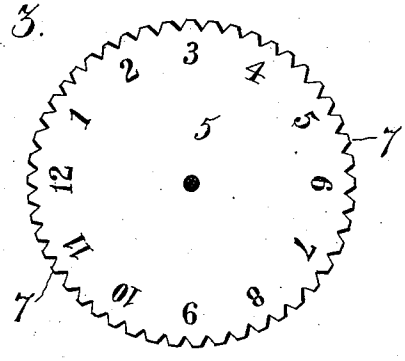


Fig. 2.

Fig. 3.



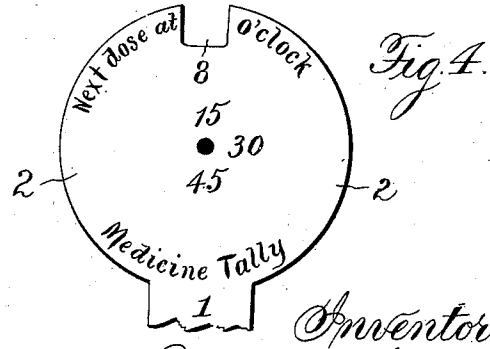


Fig. 4.

Fig. 5.

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UNITED STATES PATENT OFFICE.

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MEDICINE-TIME INDICATOR FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 576,833, dated February 9, 1897.

Application filed December 16, 1896. Serial No. 615,872. (No model.)

To all whom it may concern:

Be it known that I, BESSIE A. CHAPMAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Medicine-Time Indicators for Bottles, of which the following is a specification.

This invention has for its object to provide a new and improved time-indicator which is susceptible of being conveniently and quickly applied to a medicine-bottle for indicating or showing the time that the medicine contained in the bottle should be administered or taken by the patient or person under treatment.

To accomplish this object, the invention consists in a shank having at one end a main disk or plate and at the other end a divided or split elastic clasp adapted to encircle and yieldingly grip the neck of a medicine-bottle, and a secondary disk or plate mounted on the main disk or plate and provided with a row of numerals indicating the hours.

The invention also consists in other features of construction and in the combination or arrangement of parts hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a front elevation of my improved medicine-time indicator applied to a medicine-bottle, the latter being indicated by dotted lines. Fig. 2 is a central vertical sectional view of the improved medicine-time indicator. Fig. 3 is a detail plan view of the disk or plate bearing the numerals which indicate the hours. Fig. 4 is a similar view of the main disk or plate having the notch or opening through which the hour numeral or numerals can be made visible, and Fig. 5 is a detail view of the disk or plate for coöperating with minute-numerals provided on the main disk or plate.

In order to enable those 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 a shank, which is composed of a flat approximately-rectangular strip of suitable material, and is formed integral at one end portion with a disk or plate 2 and at the opposite end portion with a divided or split ring-shaped clasp comprising elastic sections 3 and 4, which overlap each other at their extremities, so that they can be expanded to a greater or less extent for the purpose of fitting the clasp to the necks of medicine-bottles which differ or vary in diameter. The inherent elasticity of the sections 3 and 4 composing the divided or split ring clasp causes the clasp to elastically or yieldingly grip the bottle-neck and thereby sustain or support the shank 1 and disk 2 in an upright position above the mouth of the bottle.

The main disk 2 is provided at its rear side with a secondary disk 5, secured at the center by a tubular rivet or pivot-pin 6 and having its periphery constructed with serrations or notches 7, so that it can be conveniently rotated whenever desired.

The secondary disk or plate 5 is provided near its serrated or notched periphery with a circular row of numerals, which indicate the hours from "1" to "12," inclusive.

The peripheral portion of the main disk 2 is constructed with a notch or opening 8, through which the numeral or numerals indicating any desired hour may be made visible by simply rotating or turning the secondary disk 5 until the required numeral, one or more, appears through the notch or opening in the secondary disk.

The main disk or plate 2 is provided near its center with a circular row of numerals indicating minutes, and preferably these numerals are divided to show quarters of an hour, as best seen in Fig. 4. In front of the disk 2 is placed a disk or plate 9, of comparatively small diameter, provided in its periphery with a notch or opening 10, through which the numerals indicating the quarters of an hour may be exposed to view.

The three disks are all mounted on the tubular rivet or pivot-pin 6, and the rear disk 5 and front disk 9 are susceptible of being rotated or turned for the purpose of exposing the numeral or numerals indicating the required hour through the notch or opening 8 and the numerals indicating the required portion of an hour through the notch or opening 10.

The disk or plate 2, which lies in front of the disk or plate 5, is designed to be provided with the words "Next dose at — o'clock," so disposed that the word "at" lies at one

side of the notch 8 and the word "o'clock" at the opposite opposite side in such manner that when the numeral or numerals indicating the hour are exposed through the notch 8 the information to be supplied is completed and may be read, for instance, thus: "Next dose at 3 o'clock," as shown in Fig. 1. If a portion of an hour is to be indicated, the disk 9 is turned to the required position, and, for example, the numerals "30" may be exposed through the notch or opening 10, in which event the indicator will show that the next dose is to be taken, for example, at 3.30 o'clock.

While I have illustrated the notched disk 2 as stationary and the numeral-bearing disk 5 as rotary, it will be obvious that either disk may be made rotary, in which event the shank 1 will be formed with or connected to the other disk.

The minute disk or plate 9 may be conveniently rotated by engaging a finger or finger-nail with one edge of notch or opening 10 in the peripheral portion thereof.

The disks or plates, the shank, and the divided or split elastic clasp are preferably made of pyralin or other pyroxylin compound or material in any desired color. By this means a nice, clean, light, strong, and durable article is obtained, which can be readily cleaned whenever desired by simply wiping it off with a damp cloth. By making the parts of pyralin in imitation of ivory a very attractive and handsome article is obtained, which will prove desirable and useful wherever medicine-bottles are employed, especially where a person under treatment desires to be reminded of the proper time to take a dose of medicine.

The instructions as to quantity of medicine to be taken may be written on a card or paper and inserted under the minute-disk 9, or these instructions may be upon the bottle, as usual, or applied in any suitable manner to any part of the time-indicator.

The main disk 2, shank 1, and divided or split elastic clasp comprising the folding sections 3 and 4 are preferably formed of a single piece of material, whereby the article can be very rapidly and economically manufactured and placed on the market at a low cost.

Having thus described my invention, what I claim is—

1. A medicine-time indicator for a medicine-bottle, consisting of a shank having at one end a main disk or plate, and at the other end a divided or split elastic clasp adapted to encircle and yieldingly grip the neck of the bottle, and a secondary disk or plate mounted on the main disk or plate and provided with a row of numerals indicating the hours, substantially as and for the purposes described.

2. A medicine-time indicator for a medicine-bottle, consisting of a shank having at one end a divided or split elastic clasp, and at the other end a main disk or plate provided with a notch or opening, and a secondary rotatable disk or plate provided with a row of numerals indicating hours and pivoted at its center to the center of the main disk or plate, substantially as and for the purposes described.

3. A medicine-time indicator for a medicine-bottle, consisting of a shank having at one end a divided or split elastic clasp, and at the other end a main disk or plate provided with a notch or opening and a row of numerals indicating minutes, the minute disk or plate pivoted at the front of the main disk and having a notch or opening to expose the minute-numerals, and a secondary rotatable disk or plate provided with a row of numerals indicating hours and pivotally mounted at the rear of the main disk or plate, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

BESSIE A. CHAPMAN.

Witnesses:
IRVING J. CHAPMAN,
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