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POCKET SECTIONAL CAPSULE AND PILL HOLDER

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This is a sectional holder adapted to support a series of vitamin pills or capsules in a convenient receptacle which may be readily carried in one's pocket and held by an ordinary pocket clip. The sectional construction permits the holder to be made longer or shorter as desired by removing a section or adding one thereto. This sectional construction also permits the forming of different compartments for different pills or tablets desired to be carried in one's pocket in a convenient manner whereby the capsules or pills may be dispensed readily when desired.

In the regular form of this dispenser, it is of a tubular nature approximating the diameter of a pencil or fountain pen, and when made of transparent or translucent plastic the user can readily observe the capsules carried in the same making them readily accessible for use. A dispenser of this character for vitamin pills, saccharin tablets or any other tablets which are ordinarily prescribed by the physician may be easily carried.

Furthermore, a dispenser of this nature provides an inconspicuous means of supporting the capsules and pills so whenever the user carrying the dispenser wishes to take one of the capsules, he may readily do so virtually without attracting the attention of anyone. The holder may be made of any number of sections and formed with a series of compartments therein.

It is a feature to provide a dispenser with sleeve-like closures for each compartment which may be held under tension, by friction in a closed position, and rotatable on the body of the dispenser so the user may open any desired compartment and remove the pill or capsule therefrom.

These features together with other details and objects will be fully defined in the specification and claims.

The drawings forming a part of the specification illustrate the various features of the holder:

Figure 1 illustrates a side view of the holder with the pocket clip attached thereto.

Figure 2 illustrates a similar view to Figure 1 looking at the opposite side of the holder.

Figure 3 is an enlarged longitudinal section of the holder.

Figure 4 is a similar view to Figure 3 being sectioned on one side and in full lines on the other side of the longitudinal center and showing the closure sleeve rotated to opened position.

Figure 5 illustrates an intermediate section of the holder.

Figure 6 is a similar view to Figure 5 partly in section and looking at the opposite side to that illustrated in Figure 5.

Figure 7 illustrates one of the closure sleeves removed from the section shown in Figure 5.

Figure 8 shows the opposite side of the closure sleeve shown in Figure 7.

Figure 9 illustrates another section and is partly sectioned.

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Figure 10 illustrates the section shown in Figure 9 as it would appear on the opposite side to that shown in Figure 9.

Figure 11 illustrates a closure sleeve partly in section.

Figure 12 illustrates the sleeve shown in Figure 11 from the opposite side in Figure 11.

Figure 13 illustrates the sectional holder in full lines on one side of the longitudinal center and in section on the other side of the center of the holder and showing the sections connected together in a manner so as to form a long continuous tubular holder for large size capsules.

Figure 14 is a side view of an alternative form of the capsule holder and is similar to Figure 1.

Figure 15 is a view on the opposite side to that shown in Figure 14.

Figure 16 is an enlarged longitudinal section of the holder illustrated in Figures 14 and 15.

Figure 17 is a similar enlarged showing of the holder illustrated in Figure 16 and a portion of which is broken away.

Figure 18 illustrates the top section of the alternative form of the holder shown in Figure 14 removed from the intermediate section.

Figure 19 illustrates the intermediate section removed from the top section.

Figure 20 illustrates the closure sleeve which is similar to the closure sleeve shown in Figures 7 and 8.

Figure 21 illustrates the disk spring used in the auxiliary holder shown in Figure 14.

Figure 22 illustrates the lower closure cap for the auxiliary holder.

Figure 23 is an enlarged face view of the spring shown in Figure 21.

The holder A is adapted to be supported by a pocket pen clip which ordinarily engages in the annular groove 11 of the upper section 12 of the holder. The section 12 is closed by the cap 13 which is threaded to the section 12 and normally forms a top of the holder A.

To the upper section 12 an intermediate section 14 is threaded at 15 to add length to the capsule compartment 16 in the holder A.

The section 14 may be provided with an elongated pill discharging opening 17. A closure sleeve 18 is adapted to rotate on the section 14 in a manner to close the opening 17 and is also formed with an elongated opening 19 similar in shape and size to the opening 17. Thus when the sleeve 18 is rotated on the shank portion 20 of the member 14 and the openings 17 and 19 coincide then the compartment 16 is opened so that a capsule B may be discharged out of the holder A.

The notches 21 are formed in the edge or shoulder of the member 14 into which the projecting lug 22 formed on the sleeve is adapted to engage to hold the sleeve 18 in open position or in closed position. A slot 23 is formed in the sleeve 18 below the lug 22 so as to provide a resilient means for the lug 22 when it enters either of the notches 21 in the member 14. In one position the sleeve enters the notch 21 on one face of the member 14 and when the sleeve is rotated in open position so that the openings 17 and 19 coincide, then the lug 22 fits in the notch 21 on the opposite side of the member 14. The respective notches 21 are illustrated in Figures 5 and 6, one being on one side of the member 14 and the other on the other side.

It will be apparent that in place of the notches 21 and the lug 22 a spring collar can be inserted between the shoulder 24 on the member 14 and the edge of the sleeve 18. The function of such a spring would be to add the necessary friction to prevent the free rotation of the sleeve 18 on the shank 20. It is also apparent