

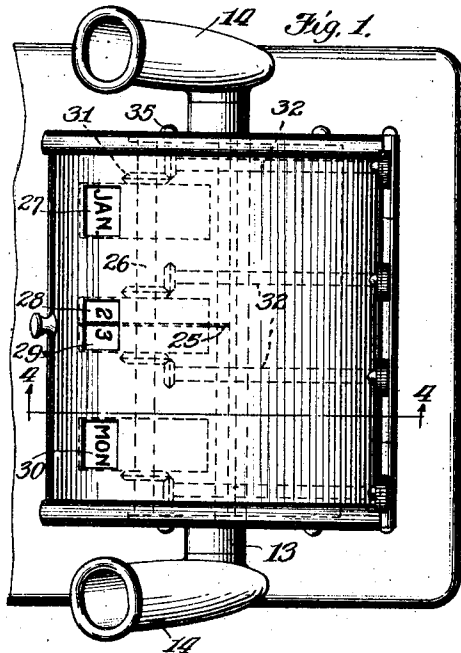
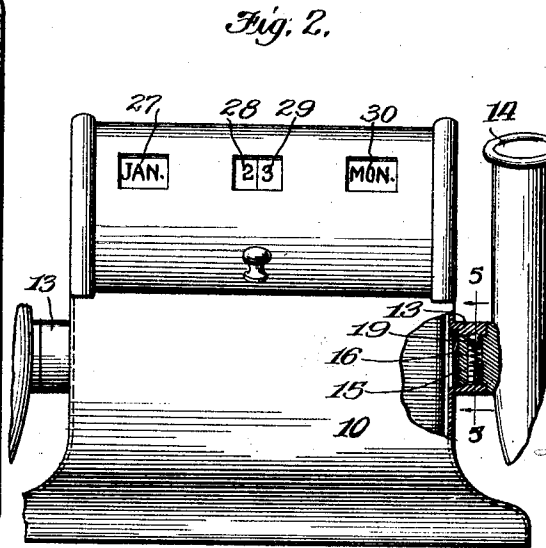
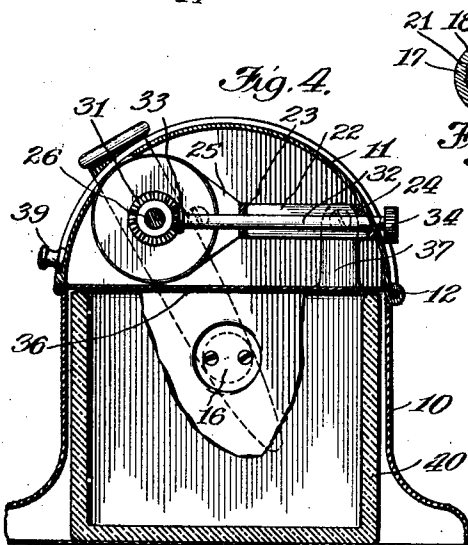
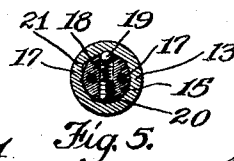
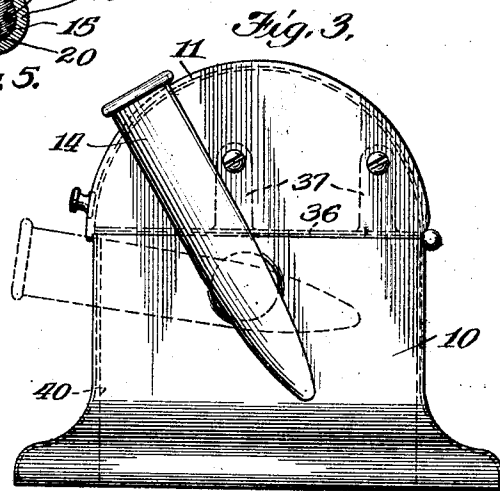
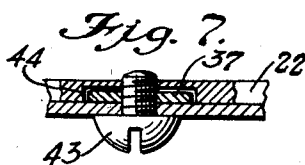
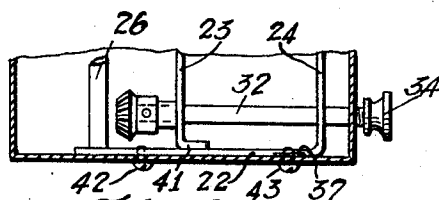
Dec. 11, 1928.

1,694,918

C. HORIX

FOUNTAIN PEN DESK SET

Filed June 11, 1927



Witness:
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UNITED STATES PATENT OFFICE.

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FOUNTAIN-PEN DESK SET.

Application filed June 11, 1927. Serial No. 198,020.

This invention relates to a combined pen support, calendar and receptacle, and has for one of its objects the provision of a desk article which will serve the purpose of a pen or pencil holder, a perpetual calendar and a receptacle for cigarettes or other articles.

A further object of the invention is to provide a desk set which shall be attractive in appearance, convenient in use, and of improved construction and operation.

Other objects and advantages will appear from the following description.

The invention is exemplified in the combination and arrangement of parts shown in the accompanying drawing and described in the following specification, and it is more particularly pointed out in the appended claims.

In the drawing—

Fig. 1 is a top plan view of a device embodying one form of the present invention;

Fig. 2 is a front elevation of the device shown in Fig. 1, with parts broken away;

Fig. 3 is an end view of the device shown in Figs. 1 and 2;

Fig. 4 is a transverse section on line 4—4 of Fig. 1; and

Fig. 5 is a section on line 5—5 of Fig. 2.

Fig. 6 is a sectional plan view of the broken away portion of the hinged cover and the parts removably attached thereto; and

Fig. 7 is an enlarged sectional plan view of certain details.

The desk set comprises a housing member 10 which may be made of sheet metal or other suitable material and which is provided with an arcuate or semi-cylindrical cover 11 hinged at 12 to the base portion 10. The end walls of the base 10 carry laterally extending sleeves or collars 13 which pivotally support pen or pencil sockets 14. The sockets 14 are provided with journals 15 rotatably mounted within the bearing collars 13 and held in place by retainer plates 16 secured to the ends of the journals 15 by screws 17. The journals 15 are transversely perforated to receive springs 18 and detent balls 19. A screw 20 is threaded into the ends of the perforations opposite the balls 19 by which the pressure on the springs 18 may be adjusted. The inner face of the collar 13 is provided with spaced depressions 21 which are engaged by the ball 19 to retain the sockets 14 in different angular positions, as indicated in Fig. 3. The position of the socket 14 shown

in full lines in Fig. 3 is the operative position in which the pen or pencil is normally held. When it is desired to place the set in a drawer or other shallow receptacle, the socket member 14 may be moved to the broken line position shown in Fig. 3. In this position the end of the pen or pencil will be lowered to a point no higher than the top of the cover 11, but the pen will remain in inclined position so that the ink will gravitate toward the point of the pen. Two sockets are shown, one at each end of the set. These may be used for pens having different colored inks, or one may be used for a pen and the other for a pencil.

An adjustable calendar is supported within the cover 11 and is mounted on a frame comprising end bars 22 and cross-bars 23 and 24. The bars 22 are widened at their forward ends, as indicated at 25, and carry a shaft 26 having the ends supported in the enlarged portions 25. Character wheels 27, 28, 29 and 30 are journaled on the shaft 26 and each wheel has a pinion 31 fixed thereto. Rearwardly extending shafts 32 are journaled in the cross-bars 23 and 24 and each shaft carries a pinion 33 which meshes with one of the pinions 31. Knurled knobs or finger-pieces 34 are threaded on the ends of the shafts 32 so that by rotating the finger-pieces the character wheels 27, 28, 29 and 30 may be adjusted. These wheels carry suitable characters for indicating months of the year, days of the month, and days of the week, respectively. It will be apparent that by properly adjusting the knobs 34, the calendar formed by the character wheels may be set to indicate any desired date.

In assembling the calendar within the cover 11 the knobs 34 are removed and the ends of the shafts 32 are extended through the openings in the cover prepared for the shafts. This permits the frame which supports the calendar to move into position in which it is secured by screws 35 extending through the ends of the cover member. Two screws are inserted at diagonally opposite portions of the cover to retain the calendar in place. A closure plate 36 is provided with ears 37 adjacent diagonally opposite corners of the closure plate and the ears 37 are provided with openings which aline with openings in the end 22. After the screws 35 are in place the closure plate 36 is inserted and screws 38 are then extended through the ears

37 into the remaining corners of the frame for the calendar. Openings are provided in the front of the cover 11 through which the characters on the character wheels are visible.

- 5 A knob 39 is provided for lifting the lid 11 when desired. A receptacle 40 which may be of glass or other suitable material is placed within the base 10 and may be used for holding cigarettes or any other articles, as desired.
- 10 That the adjustable calendar is removably mounted in the cover 11 may be more readily understood by referring to Figs. 6 and 7. The frame of the adjustable calendar comprises end bars 22 and cross-bars 23 and 24
- 15 permanently connected together at 41 into one rigid frame. The end bars 22 are provided with screw-threaded openings for receiving the screws 42 and 43 which are inserted through holes or perforations in the
- 20 end walls of the cover 11. The knobs 34 are screw-threaded onto the ends of the shafts 32 which project through openings or perforations in the rear of the cover 11, as shown in Figs. 1 and 4. By unscrewing the knobs
- 25 34 from the ends of the shafts 32 and removing the screws 42 and 43, the adjustable calendar may be entirely removed from the cover whenever desired.

- It should also be understood that the closure plate 36 is provided with upwardly projecting ears 37 at the opposite ends thereof, preferably in a diagonal relation as shown in Fig. 3. The ears 37 are adapted to fit into rectangular recesses as illustrated at 44 in
- 30 Fig. 7 and are provided with screw-threaded openings to receive the screw 43. One of the ears 37 occupies the position shown in Fig. 6 and the other ear 37 will be located at the other end of the closure plate 36 but opposite
- 35 the screw 42 shown in Fig. 6 so as to have the diagonal relation illustrated in Fig. 3. It will thus be seen that when the calendar frame is adjusted in position in the cover 11 where the screw-threaded openings in the end
- 40 bars 22 and in the ears 37 will register with the openings or perforations in the end walls of the cover 11, the screws 42 and 43 may be used to secure in position not only the adjustable calendar, but also the closure plate 36.
- 45 After thus assembling the mechanism in its operating position the knobs 34 may be screwed back into place and used for turning the various wheels shown.

I claim:—

- 55 1. In combination, a receptacle, an arched cover for said receptacle, a frame removably held within said cover, a shaft mounted in said frame, character wheels separately journaled on said shaft, spindles geared to said
- 60 character wheels and extending through said cover to points outside of said cover, and finger-pieces mounted on the outer ends of said spindles for rotating said character wheels.

2. In combination, a receptacle, a cover for 65 said receptacle having a recess therein, a frame removably mounted in said recess, character wheels journaled in said frame, said cover having openings therein for exposing portions of the peripheries of said 70 character wheels, spindles for rotating said character wheels, finger-pieces secured to said spindles outside of said cover, and a closure plate for the recess in said cover.

3. In combination, a receptacle, a cover for 75 said receptacle having a recess therein, a rigid frame structure mounted in said recess, and a plurality of adjustable indicators mounted on said frame in said recess in position to be visible through openings in said 80 cover.

4. In combination, a receptacle, a cover for said receptacle having a recess therein, a frame, indicator wheels carried by said frame, and means for securing said frame to said 85 cover with portions of said indicator wheels visible through openings in said cover.

5. In combination, a receptacle, a cover therefor having a recess therein, a frame, a shaft mounted in said frame, indicator wheels 90 mounted on said shaft, means comprising spindles mounted in said frame for separately rotating said wheels, said spindles extending from said frame through openings in said cover, and finger-pieces mounted on said 95 spindles outside of said cover for adjusting said indicator wheels.

6. In combination, an arched cover for a receptacle, a frame structure, character wheels journaled in said frame, means mounted 100 in said frame for rotating the character wheels, and means for securing said frame with said wheels and rotating means thereon as a separate unit to said cover in position to cause the characters on said wheels to appear 105 through openings in said cover.

7. In combination, a receptacle, a cover therefor, an indicator unit comprising a frame with character wheels mounted therein and means for operating the same, 110 and means for securing such unit to said cover with the characters on the wheels appearing through openings in the cover.

8. In combination, a receptacle, a cover therefor, an indicator unit comprising character wheels, a closure plate for confining said unit within a recess in said cover, and common means for securing both said unit 115 and said closure plate to said cover.

9. In combination, a receptacle, a cover for said receptacle, an indicator unit comprising 120 a frame with character wheels journaled therein with spindles geared thereto and adapted to extend through holes in the cover to points outside of the cover, finger-pieces adapted to be connected to the outer ends of said spindles for rotating said character 125 wheels, and means for securing said unit in a

recess in said cover in position for exposing the characters on said wheels through openings in said cover.

10. In combination, a receptacle, a cover
5 for said receptacle having a recess therein, an indicator unit removably mounted in said recess, said indicator unit comprising character wheels having characters exposed through
10 openings in said cover, means for rotating said character wheels from outside the cover, and a removable closure plate with a recess in said cover to co-act with said cover to en-
15 tirely enclose said unit.

11. In combination, a receptacle, an arched
15 cover for said receptacle, an indicator unit

having character wheels and spindles geared thereto and extending through holes in said cover to points outside of said cover, operating knobs on the other ends of said spindles
20 for rotating said character wheels from outside of said cover, a plate adapted to co-act with said cover to entirely enclose said indicator unit, and common means for remov-
25 ably securing said unit to said cover and said said plate with the characters on said wheels exposed through openings in said cover.

In testimony whereof I have signed my name to this specification on this 8th day of June, A. D. 1927.

CARL HORIX.