

E. W. GROGAN.
DESK CABINET.
APPLICATION FILED SEPT. 28, 1911.

1,045,395.

Patented Nov. 26, 1912.

Fig. 1.

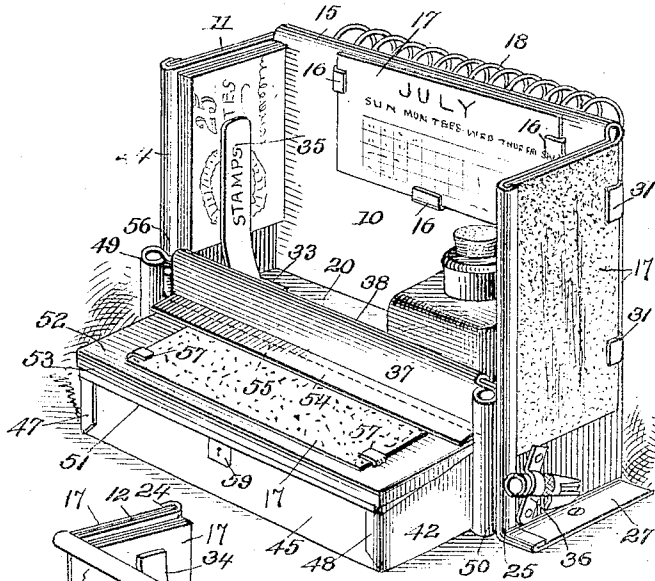


Fig. 2.

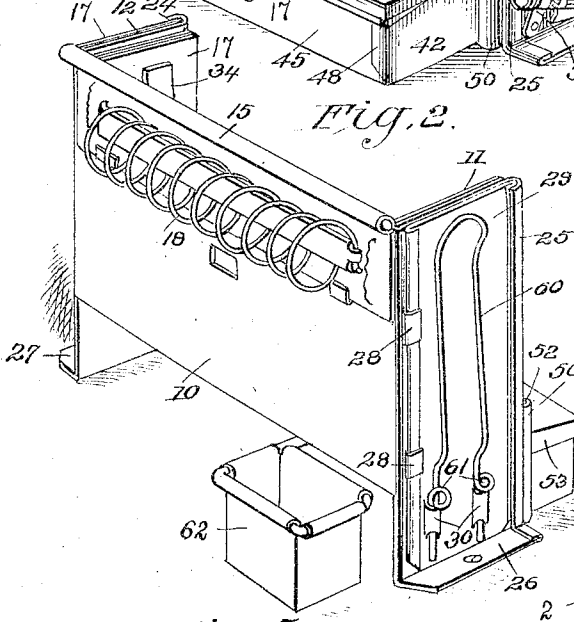


Fig. 5.

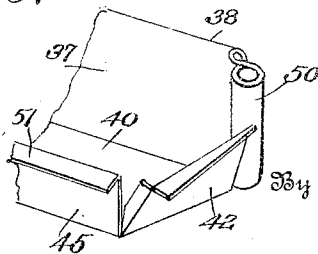


Fig. 4.

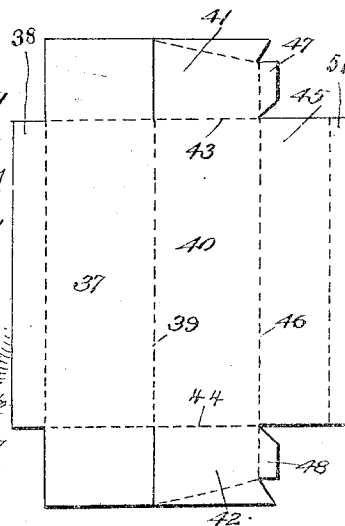
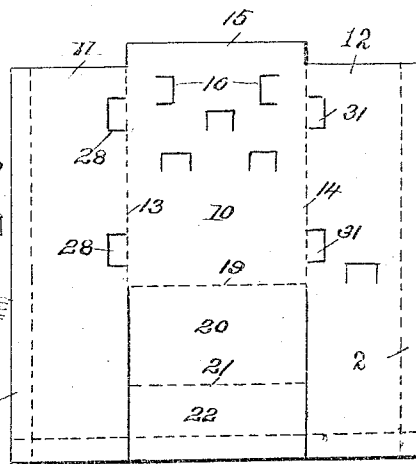


Fig. 3.



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UNITED STATES PATENT OFFICE.

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DESK-CABINET.

1,045,395.

Specification of Letters Patent.

Patented Nov. 26, 1912.

Application filed September 28, 1911. Serial No. 651,826.

To all whom it may concern:

Be it known that I, EDWARD W. GROGAN, citizen of the United States, residing at Byers, in the county of Clay and State of Texas, have invented certain new and useful Improvements in Desk-Cabinets, of which the following is a specification.

This invention relates to receptacles for holding pens, pencils, ink, calendars, postage stamps, rubber bands and the like in convenient position for use, and has for one of its objects to simplify and improve the construction and increase the efficiency and utility of a device of this character.

Another object of this invention is to provide a receptacle formed substantially from a single sheet of metal cut and bent into the required shape.

With these and other objects in view the invention consists in certain novel features of construction as hereafter shown and described and then specifically pointed out in the claims, and in the drawing illustrative of the preferred embodiment of the invention.

Figure 1 is a perspective view from the front of the improved device complete; Fig. 2 is a perspective view from the rear of the improved device with the match box withdrawn or in open position; Fig. 3 is a view of the blank from which the larger receptacle is produced; Fig. 4 is a view of the blank from which the detachable smaller receptacle is constructed; Fig. 5 is a perspective view of one corner of the smaller receptacle with the parts separated to illustrate the construction.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The improved device comprises in general two receptacles, a larger or main receptacle, and a smaller detachable receptacle, the latter being connected to the larger receptacle near the lower front side, and is provided with a swinging cover and is located in such position that it does not interfere with the operation or use of the larger receptacle. The larger receptacle is formed from a single sheet of metal and comprises a back portion 10 and sides 11-12, the latter foldable at right angles to the back along the lines indicated at 13-14. The back 10 projects a short distance above the sides 11-12 as shown at 15, and the projecting portion

is folded over to form a guide at the back of the receptacle. A plurality of U-shaped clefts 16 are formed through the back 10 near the upper portion and the metal released by the clefts bent away from the body of the metal to form supporting tongues. Three of the tongues produced by the clefts 16 are bent inwardly or toward the interior of the receptacle to form supports for a calendar represented at 17, while two of the tongues produced by the clefts are bent rearwardly of the receptacle to form supports for the lower edge of a suitable pen rack represented at 18, the upper edge of the pen rack being engaged in the guide-way formed by the bent-over edge of the back. By this means the pen rack may be adjustably connected to the receptacle by sliding the pen rack endwise through the guide 15 and the supporting tongues before mentioned, while the calendar 17 is also adjustably supported by the tongues in the interior upper portion of the receptacle. The back 10 and the ends 11-12 are separated at their lower portions by longitudinal clefts whereby the lower portion of the back is released and bent at right angles to the back along the line 19 to form a bottom 20 to the receptacle, and with the lower portion bent along the line 21 to form a front 22 which is extended vertically a short distance with the ends of the bottom 20 and the front 22 extending from side to side between the ends 11-12. At its upper edge the front 22 is folded over to stiffen the material. The front edges of the ends 11-12 are likewise folded over as shown at 24-25 to stiffen the structure. The lower portions of the ends 11-12 thus project below the bottom 20 of the receptacle and are turned outwardly to form feet as shown at 26-27, and the supporting feet are preferably perforated to receive holding tacks or other fastening means whereby the receptacle may be fastened to a desk or table or other support.

Formed in the end member 11 near its rear edge are U-shaped clefts 28, which when bent outwardly produce supporting tongues to receive the rear edge of a plate 29, while the forward edge of the plate is supported in the rear of the turned-over edge 25. The edges of the plate 29 are folded over as shown to increase its stiffness. The plate 29 is provided near its lower end with apertures through which the terminals of a U-

shaped wire member 60 pass, the latter having coils 61 to increase its resiliency. The body of the member 60 is maintained yieldably at its upper end against the plate 29 by the action of the spring coils 61 and forms an efficient clip to receive and support bills, letters and other papers. The clip device which includes the plate 29 is readily detachable as will be obvious. Formed in the end 12 near the back 10 are U-shaped clefts 31 which when bent outwardly form tongues to receive and support the rear edge of one of the calendar cards 17 covered on their rear faces with sand or otherwise roughened to form a match scratcher or pencil sharpener, the forward edge of the card being engaged in the guide formed by the overturned edge 25 of the end 12. By this means one of the calendar cards may be readily removed and inserted when required. Connected to the bottom 20 of the receptacle is another spring clip 34 designed to support monthly calendars or other objects indicated at 17. By this arrangement the calendar for the current month only is supported by the tongues 16 and the remaining calendars of the year except those which are utilized as pencil sharpeners or match scratchers are supported by the clip 34 and held in reserve and inserted as required in the clip 16. The pocket formed by the back 10, bottom 20, and front 22 and the ends 11—12 may be utilized for any required purpose, such as holding an inkstand, wire clips or other convenient articles. Connected to the bottom 20 at the side opposite to the clip 24 is another similar clip 35 which may be utilized for holding stamp books or other articles. A suitable pencil sharpener device indicated at 36 is attached to the end 12.

Mounted to swing beneath the bottom 20 is a match box of suitable construction and represented at 36, and adapted to be moved into withdrawn position beneath the bottom 20 or projected therefrom as may be required. In Fig. 2 the match box is shown partly in withdrawn position.

The supporting arm of the match safe 36 will preferably be long enough to permit the safe to swing around against the end 11 and the clipplate 29.

The smaller receptacle is arranged to be suspended from the upper edge of the front 22 and is likewise formed from a single sheet of metal and comprises a back 37 with its upper edge overturned to form a lip 38 for bearing over the upper edge 23 of the front 22 of the larger receptacle. The blank from which the smaller receptacle is produced is represented in Fig. 4 and is formed with clefts in its sides and with the lower corners cut out. The sheet of metal is bent at 39 to form a bottom 40 and with ends 41—42 bent at right angles to the bottom along the lines 43—44 and with the front 45 bent along the

line 46. The portions 37—40 are thus bent at right angles to each other while the portions 41—42—43 are bent at right angles to the bottom 40. The ends 41—42 are bent at their forward edges to form overlaps 47—48 which bear over the front 45 when the parts are folded. At its ends the back 37 projects beyond the bottom 40 and the projecting portions bent into tubular form as shown at 49—50 to form pencil holders as shown. The upper edge of the front 45 is turned over as shown at 51 to strengthen the upper edge of the smaller receptacle, and the turned over portion at its ends bearing over the overlaps 47—48 at their upper ends and thus materially assists in supporting the latter. By this means the smaller receptacle is materially strengthened and stiffened.

A cover is provided for the smaller receptacle and is likewise formed from a single strip of material such as sheet metal and comprises a body portion 52 with three of the edges down turned as shown at 53 to form a rim to engage over the smaller receptacle and with the rear edge turned over the body 52 as shown at 54. Arranged in front of the back 37 of the smaller receptacle is a hinge wire 55 having upturned ends 56 for bearing against the tubular supporting members 49—50 to which they are secured in any suitable manner as for instance by soldering. The body of the wire 55 extends beneath the overturned rear edge of the cover 52 and the latter is thereby hingedly coupled to the rod and swings when in open position against the back 37 and between the tubular supports 49—50. Near its forward edge the top 54 is provided with U-shaped clefts 57 whereby tongues are released which when bent upwardly form supports for one of the calendar cards, to enable its rear sanded face to be utilized as a match scratcher or pencil point sharpener. The smaller receptacle may be employed for holding rubber bands and the like, and is detachably coupled to the larger receptacle, as before stated, by inserting the lip 38 over the upper edge 23 of the front 22.

A suitable lock indicated at 59 may be attached to the smaller receptacle if required.

The improved device is simple in construction, can be inexpensively manufactured and will be found very convenient as an attachment to a writing desk or other support, and is adapted to contain the writing materials and light articles in convenient position for use or for ready reference.

The body portions of the receptacle may be constructed of any suitable sheet metal, but the various clips 30—34 and 35 should be of spring steel of sufficient strength to withstand the strains to which they are subjected, or of sufficient flexibility to permit them to yield to enable the objects to be inserted.

Having thus described the invention, what is claimed as new is:

1. A main receptacle constructed from a sheet of metal having longitudinally extending clefts spaced apart and bent to form a back and ends and with the material between the clefts bent to form a bottom and front, the portion forming the back being extended at the upper end above the ends and bent over to form a guide and the portions of the ends below the bottom forming supporting legs, and U-shaped clefts in the back to form supporting tongues spaced from said guide, said tongues and guide adapted to receive a pen holder device.

2. A main receptacle constructed from a sheet of metal having longitudinally extending clefts spaced apart and bent to form a back and ends and with the material between the clefts bent to form a bottom and front, a smaller receptacle formed from a sheet of metal and including a bottom back front and ends, the back being extended and turned over and engaging by the over-turned portion over the upper edge of front of the main receptacle.

3. A main receptacle constructed from a sheet of metal having longitudinally extending clefts spaced apart and bent to form a back and ends and with the material between the clefts bent to form a bottom and front, a smaller receptacle formed from a sheet of metal and including a bottom back front and ends, the back being extended upwardly and at the ends with the upward extension turned over and engaging by the over-turned portion over the upper edge of front of the main receptacle, and the end extensions rolled into pen-supporting tubes.

4. A main receptacle constructed from a sheet of metal having longitudinally extending clefts spaced apart and bent to form a back and ends and with the material be-

tween the clefts bent to form a bottom and front, a smaller receptacle formed from a sheet of metal and including a bottom, back front and ends, the back being extended upwardly and at the ends with the upward extension turned over and engaging by the over-turned portion over the upper edge of front of the main receptacle, and the end extensions rolled into pen-supporting tubes, a rod extending between the pen-supporting tubes and upturned at the ends and attached by the upturned ends to the tubes, and a cover for the smaller receptacle extended at the rear and the extended portion folded over to engage the rod.

5. A main receptacle constructed from a sheet of metal having longitudinally extending clefts spaced apart and bent to form a back and ends and with the material between the clefts bent to form a bottom and front, a smaller receptacle formed from a sheet of metal and including a bottom, back front and ends, the back being extended upwardly and at the ends with the upward extension turned over and engaging by the over-turned portion over the upper edge of front of the main receptacle, and the end extensions rolled into pen-supporting tubes, a rod extending between the pen-supporting tubes and upturned at the ends and attached by the upturned ends to the tubes, a cover for the smaller receptacle extended at the rear and the extended portion folded over to engage the rod, U-shaped clefts in said cover and forming supporting tongues, and a plate engaged by its edges beneath said tongues and beneath the folded-over edge of the cover.

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

EDWARD W. GROGAN. [L. s.]

Witnesses:

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