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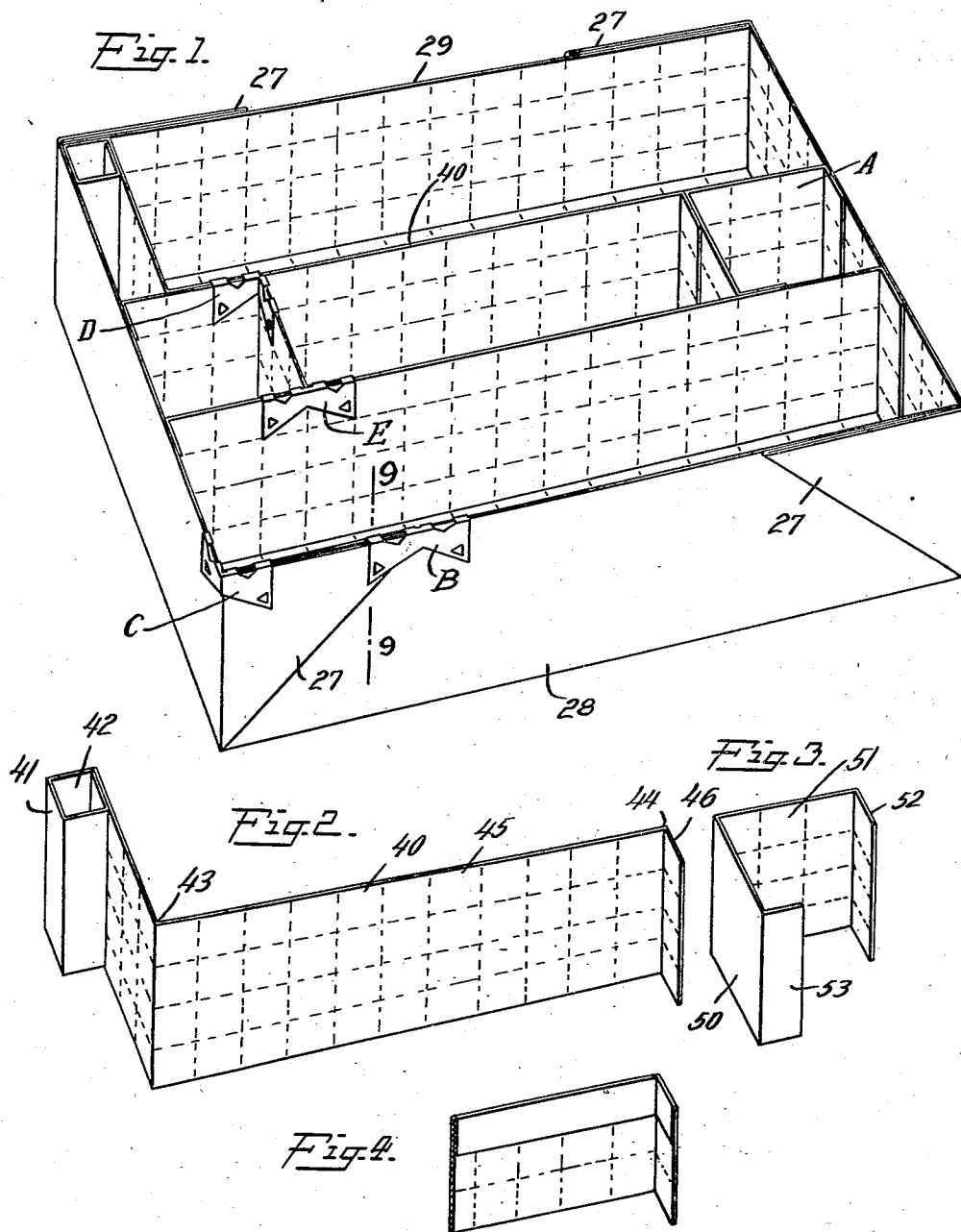
B. McN. COOK

1,697,494

RECEPTACLE

Filed May 17, 1927

2 Sheets-Sheet 1



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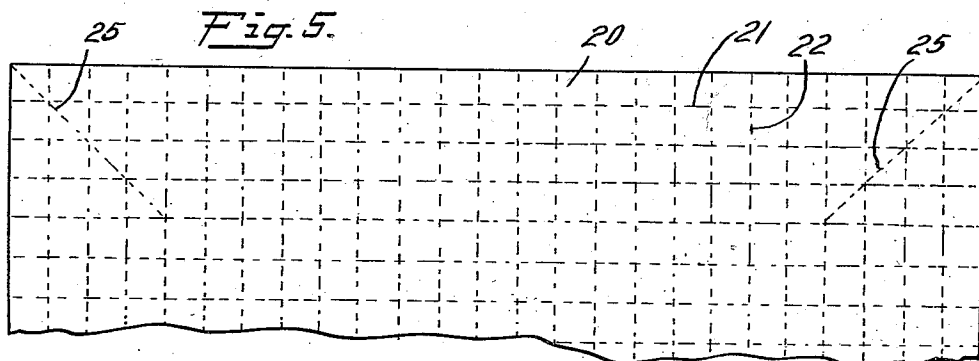
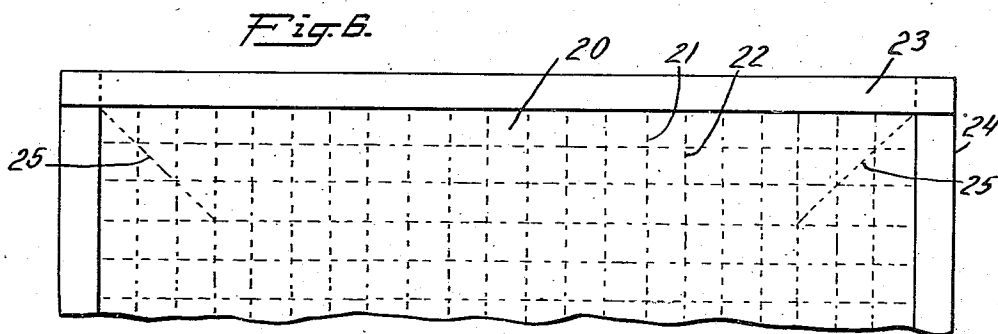
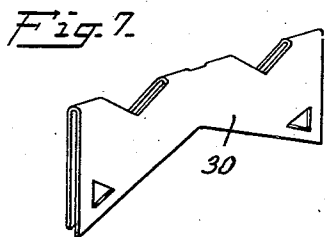
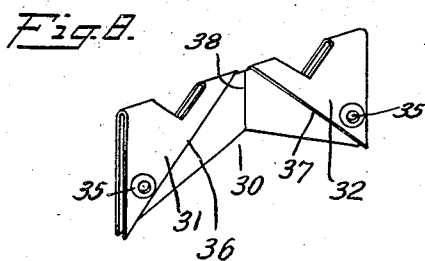
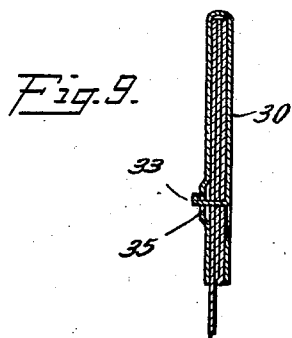
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UNITED STATES PATENT OFFICE.

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RECEPTACLE

Application filed May 17, 1927. Serial No. 191,969.

This invention relates to receptacles.

As is well known, it is very difficult to keep in order the various articles in the drawers of dressers or chiffoniers. For instance, handkerchiefs, ties, collars, studs and other similar articles of apparel soon become intermixed and it requires considerable effort to locate any particular article when it is wanted.

This invention has for its salient object to provide a simple and practical compartment receptacle for use in chiffonier or dresser drawers in which the various articles can be kept separate and can be quickly and readily found when needed.

Another object of the invention is to provide a device of the character described so constructed and arranged that it can be adapted to fit different sizes of drawer space and can be sub-divided to meet different requirements.

Another object of the invention is to provide a device of the character described so constructed and arranged that it can be shipped flat and can be easily and quickly assembled or put together in a manner to suit the necessary requirements.

Another object of the invention is to provide a simple and practical clip for securing the receptacle sides and ends in place and the various partitions in position.

Further objects of the invention will appear from the following specification taken in connection with the drawings, which form a part of this application, and in which

Fig. 1 is a perspective view showing a compartment receptacle constructed in accordance with the invention;

Fig. 2 is a perspective view illustrating one of the partitions shown in Fig. 1;

Fig. 3 is a perspective view showing another of the partitions illustrated in Fig. 1;

Fig. 4 is a perspective view showing a partition with one edge folded over to illustrate how the partitions can be changed as to width;

Fig. 5 is a plan view broken away illustrating a portion of the blank from which the receptacle is formed;

Fig. 6 is a plan view similar to Fig. 5 but showing the edges of the blank folded in to change the size thereof;

Fig. 7 is a perspective view showing a form of clip adapted for use in securing the parts of the receptacle and partitions in position;

Fig. 8 is a perspective view showing the other side of the clip illustrated in Fig. 7; and

Fig. 9 is a sectional elevation on an enlarged scale taken substantially on line 9—9 of Fig. 1.

The invention briefly described consists of a receptacle formed of suitable foldable material, such as heavy paper or card board, and having partitions therein for sub-dividing the receptacle into the desired number and sizes of compartments. The blank from which the receptacle is formed and the blanks from which the partitions are formed are preferably provided with rectangularly arranged fold lines equally spaced apart so that the blanks can be folded over on these lines, thus changing the size and dimensions of the parts formed therefrom and adapting the blanks for use in forming different sizes and shapes of receptacles and different widths, lengths and dimensions of the partitions.

The corners and other desired parts of the receptacle are secured together and reinforced by a clip device foldable intermediate its ends and having suitable securing means adjacent the ends so constructed and arranged that the clip can be bent at an angle for use in securing the corners of the receptacle and the abutting portions of the partitions.

Further details of the invention will appear from the following description.

Fig. 5 shows a blank 20 having rectangularly arranged fold lines 21 and 22. The blank may be weakened or indented along the fold lines if desired to facilitate the folding of the material. In Fig. 6 the edges of the blank are folded over as shown at 23 and 24, thus changing the dimensions of the blank in two directions. It will be understood that the edges can be folded over more or less if desired and if it is desired to change the shape of the receptacle the edges may be folded along one edge to a greater extent than along the other edges.

Diagonal fold lines 25 are shown at the corners of the blank to facilitate the folding of the blank to form the receptacle.

In Fig. 1 the corners have been folded at right angles and the blank has been folded along the lines 25, thus forming flaps 27 which are folded back against the two sides 28 and 29 of the receptacle.

One form of clip particularly adapted for use in securing the various parts in position is illustrated in Figs. 7, 8 and 9. The clip is preferably formed of relatively thin sheet metal and comprises a backing sheet 30 and a pair of tabs 31 and 32 folded to a position substantially parallel with the backing sheet 30. The backing sheet has lugs or tongues 33 punched out and bent at right angles to a sheet 30 as shown in Fig. 9 and the tabs 31 and 32 have openings 35 positioned to receive the tongues 33.

It will be noted in Fig. 8 that the tabs 31 and 32 are spaced apart at the edges thereof by which they are joined to the backing sheet and these tabs are also tapered as shown at 36 and 37. Since the clip is formed of relatively thin sheet metal it can be folded or bent intermediate its ends on a line 38 and can thus be used on the corners of the receptacle or for securing the partitions in position, as shown in Fig. 1.

After the receptacle has been folded and secured as shown in Fig. 1, any desired number of partitions can be placed therein to subdivide the receptacle into compartments having the required sizes and shapes.

Fig. 2 illustrates a partition 40 having one end bent around as shown at 41 to form a small compartment 42. The partition is bent at right angles as shown at 43 and 44, forming a longitudinal portion 45 and a right angle flange 46. This partition is then inserted in the receptacle, as shown in Fig. 1.

Fig. 3 illustrates another partition having rectangular portions 50 and 51 and rectangular flanges or ends 52 and 53. This partition is shown at A in Fig. 1.

The remaining partitions can be bent up in a similar manner and placed in the receptacle and after the partitions have been properly positioned any desired number of clips such as those shown in Figs. 7, 8 and 9 can be used to secure them against displacement. A clip B is placed over each of the flaps 27 for securing the flaps to the side walls 28 and 29 and a clip C bent at right angles is secured to each corner of the receptacle. Similar clips D and E are used to secure the partitions in place, it being understood that clips are preferably used at each end of each partition to secure the partition to the adjacent parts and also, if desired, are used at each corner of each compartment to prevent the partitions from being shifted out of place.

From the foregoing description it will be clear that a simple and practical compartment receptacle has been designed and that the receptacle and partitions can be easily and quickly formed and secured in such a manner as to construct an article having the desired number and sizes of compartments.

Although one specific embodiment of the invention has been particularly shown and

described, it will be understood that the invention is capable of modification and that changes in the construction and in the arrangement of the various cooperating parts may be made without departing from the spirit or scope of the invention, as expressed in the following claims.

What I claim is:

1. A receptacle blank having a plurality of rectangularly arranged fold lines therein whereby the blank can be folded to form the bottom and four sides of rectangular receptacles of different sizes and shapes.

2. A receptacle formed from a blank having a plurality of rectangularly arranged fold lines therein whereby the blank can be folded to form the bottom and four sides of rectangular receptacles of different sizes and shapes, and provided with a plurality of partitions therein, said partitions having transverse and longitudinal fold lines whereby the partitions can be adjusted as to width and length.

3. A receptacle formed of foldable material, a partition in said receptacle and a sheet metal clip securing the partition in the receptacle, said clip being bendable intermediate the ends thereof and having interengaging and coacting securing elements adjacent the ends thereof.

4. A receptacle formed of foldable material, a partition in said receptacle and a clip securing the partition in the receptacle, said clip comprising a flat backing sheet bendable intermediate its ends and tabs foldable on said sheet adjacent the ends thereof and coacting securing means in said tabs and sheet.

5. A receptacle having partitions therein forming compartments, said partitions being constructed of foldable sheets having transverse and longitudinal fold lines thereon whereby their length and width may be varied and having angularly bent ends, and means securing said ends to the receptacle.

6. A receptacle having partitions therein forming compartments, said partitions being constructed of foldable sheets having transverse and longitudinal fold lines thereon whereby their length and width may be varied and having angularly bent ends, and detachable means securing said ends to the receptacle.

7. A receptacle having partitions therein forming compartments, said partitions being constructed of foldable sheets having transverse and longitudinal fold lines thereon whereby their length and width may be varied and having angularly bent ends, and clips securing said ends to the receptacle.

8. A clip formed of bendable sheet metal and comprising a flat backing sheet, spaced tabs folded substantially parallel on said backing sheet, and securing means on said tabs and sheet adjacent the ends of the sheet,

whereby said clip may be secured at different points to objects lying in substantially the same plane, and said clip being bendable transversely intermediate said tabs
5 whereby the clip may be secured to objects in different planes.

9. A receptacle having partitions therein forming compartments, said partitions being constructed of foldable sheets having a plurality of transverse fold lines at each end
10 thereof whereby they can be adjusted as to length, and means securing said partitions in the receptacle.

10. A receptacle having partitions therein forming compartments, said partitions being constructed of foldable sheets having a plurality of longitudinal fold lines thereon intermediate the longitudinal edges thereof
15 whereby they can be adjusted as to width, and means securing said partitions in said receptacle.

11. A receptacle having partitions therein

forming compartments, said partitions being constructed of foldable material having transverse and longitudinal fold lines thereon whereby they can be adjusted as to length
25 and width, and means securing said partitions in said receptacle.

12. A receptacle formed from a blank having a plurality of rectangularly arranged fold lines therein whereby the blank can be folded to form the bottom and four sides
30 of rectangular receptacles of different sizes and shapes, and a plurality of partitions therein, said partitions being constructed for
35 foldable sheets having a plurality of rectangularly arranged fold lines therein whereby they can be adjusted as to length and width, and means securing said partitions in
40 said receptacles.

In witness whereof, I have hereunto set my hand this 16th day of May, 1927.

BESSIE McN. COOK.