July 28, 1925. 1,547,736

C. J. CURTIS

WASTE RECEPTACLE

Filed Feb. 6, 1924

Fig. 1.

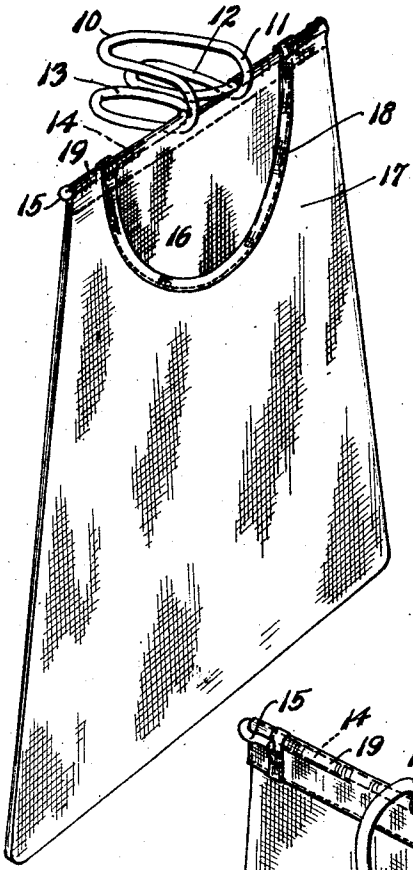


Fig. 3.

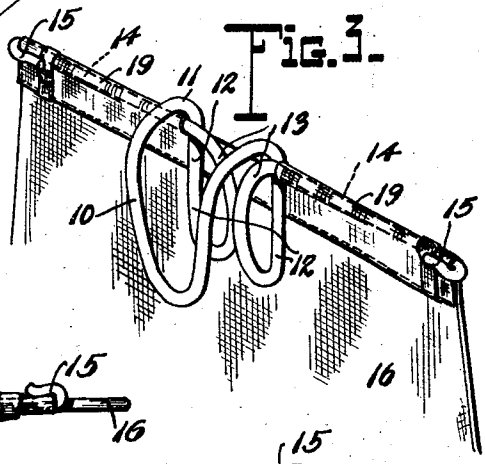


Fig. 2.

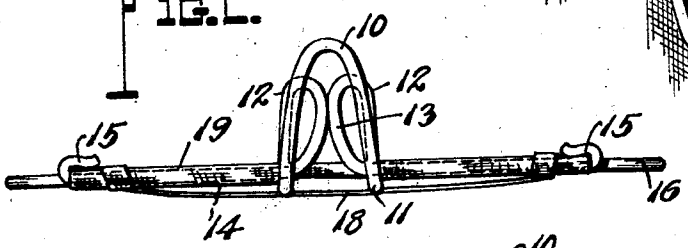
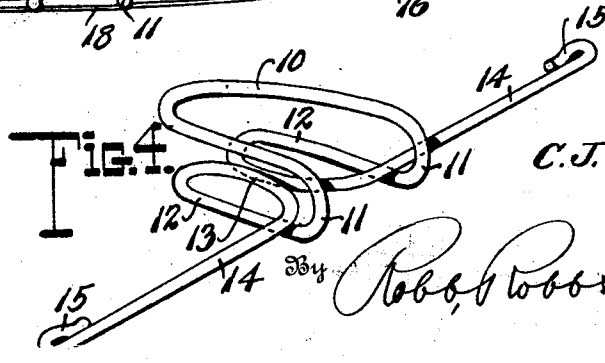


Fig. 4.



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UNITED STATES PATENT OFFICE.

COLONEL J. CURTIS, OF OSAGE CITY, KANSAS.

WASTE RECEPTACLE.

Application filed February 6, 1924. Serial No. 690,945.

To all whom it may concern:

Be it known that I, COLONEL J. CURTIS, a citizen of the United States, residing at Osage City, in the county of Osage and State of Kansas, have invented certain new and useful Improvements in Waste Receptacles, of which the following is a specification.

This invention relates to a waste receptacle, and particularly to a construction of a bag-like character adapted for detachable application to a desk or table to receive paper and other discarded material and thus promote tidiness and prevent the collection of waste in or on the desk.

It is common in schools for children to place waste paper and other discarded articles in their desks and rely upon a general cleaning at a subsequent period, and also to provide a single waste receptacle which tends to cause commotion in the passage of the children for placing waste material therein. It is therefore very desirable to provide an individual receptacle which is readily detachable for emptying and of such a character as to be supported upon the desk in convenient position and without forming any obstruction in the aisle or passage between the desks.

Bag holders have previously been provided which support the bag with its mouth open in a horizontal plane but such an article is not adapted for attachment to the side or edge of a school desk as its projecting character forms an obstruction liable to be struck and disconnected in passing the desk and one in which articles may be accidentally dropped. The present invention obviates such objections by providing a flat bag having a side opening and an attaching clamp adapted for application to a support in either a horizontal or vertical plane without changing the position of the bag.

The invention has for an object to provide a novel and improved construction of waste receptacle comprising a holder having a clamping supporting member with oppositely extending arms and a receptacle supported by said arms for disposition in a vertical plane irrespective of the plane of the supporting clamp.

Another object of the invention is to provide a holder having clamping members from which opposite arms extend in a single horizontal plane together with a bag receptacle having a side opening supported by said arms so as to normally retain a flat position adjacent the object upon which it is supported.

A further object of the invention is to provide an improved construction of the holder adapted to be formed from a single piece of material and comprising an upper curved clamping jaw extending downward and formed into parallel loops providing a lower clamping jaw, one end of said loops being projected straight outwardly in opposite directions to provide supporting arms for a bag.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawings:

Figure 1 is a perspective of the invention with the clamp in position for application to a horizontal support;

Figure 2 is a top plan thereof;

Figure 3 is a detail perspective with the clamp in position for application to a support in a vertical plane; and

Figure 4 is a detail perspective of the holder.

Like numerals refer to like parts throughout the several figures of the drawing.

The holder is herein shown as formed of a single piece of material such as wire, but may be otherwise constructed and the size and general configuration thereof altered. In the illustration shown the upper clamping jaw 10 is formed by a curved U-shaped portion at the center of the strip, the ends of which are bent downward at 11 and extended beneath the portion 10 to form parallel loops 12. The outer strand of these loops extends substantially straight and the inner strand 13 is curved and at its end next the bent portion 11 is projected outwardly to form a supporting arm 14 which at its free end may be provided with an overturned or reentrant portion 15 to cooperate with the receptacle to be supported. The holder thus formed provides opposite supporting arms terminating in the same vertical plane and forming substantially a pivotal support upon which the receptacle may turn so as to always maintain it in a vertical position irrespective of the plane in which the clamp is applied.

The character of the receptacle may be varied but a desirable form thereof comprises a flat bag 16 the outer wall 17 of

which is cut away at its upper portion 18 to form a side opening through which material may be introduced into the bag. The upper edge of the bag is provided at opposite sides of the center with hems or pockets 19 adapted to receive the arms 14 and may be retained in position thereon by the reentrant ends 15 of said arms. This construction of bag provides a receptacle which will lie normally flat against the side of the desk forming no obstruction and the position thereof will not be altered by the plane in which the clamp is disposed for application to the supporting wall of the desk.

In the application of the invention the clamp may be applied either to the edge of the desk top at one side as shown by the position in Figure 1, or where the desk is provided with a lifting top the clamp may be applied to the side or end wall thereof so as to support the receptacle in a vertical plane with its opening in position to conveniently receive waste material and the clamping means disposed to permit the ready attachment and detachment of the receptacle to form an individual device which can be constructed at a minimum of cost and adapted for general application to school desks and other purposes.

While the details of construction and application of the invention have been shown and described, it is not confined thereto as changes and alterations may be made without departing from the spirit of the invention as defined by the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A waste receptacle comprising a holder having a central clamp comprising a looped portion and a parallel looped member spaced therefrom and extended to form opposite straight free ends fixed in relation to the clamp, and a receptacle embracing said ends at opposite sides of the center to permit the receptacle to freely swing irrespective of the plane of the supporting clamp.

2. A holder comprising a central upright curved clamping jaw extending downwardly and formed into parallel loops producing a cooperating lower clamping jaw, the free ends of said loops being fixed in relation to the jaws and projecting straight therefrom in opposite directions to provide supporting arms and a receptacle supported by said arms.

3. A holder comprising an upper curved clamping jaw extended downwardly and formed into parallel loops producing a lower clamping jaw, one end of said loops being projected straight outwardly in opposite direction to provide supporting arms for a bag, and a bag comprising parallel walls with a pocket at the upper edge to receive said arms and a cut-away portion at the upper portion of the outer wall of said bag.

In testimony whereof I affix my signature.

COLONEL J. CURTIS.