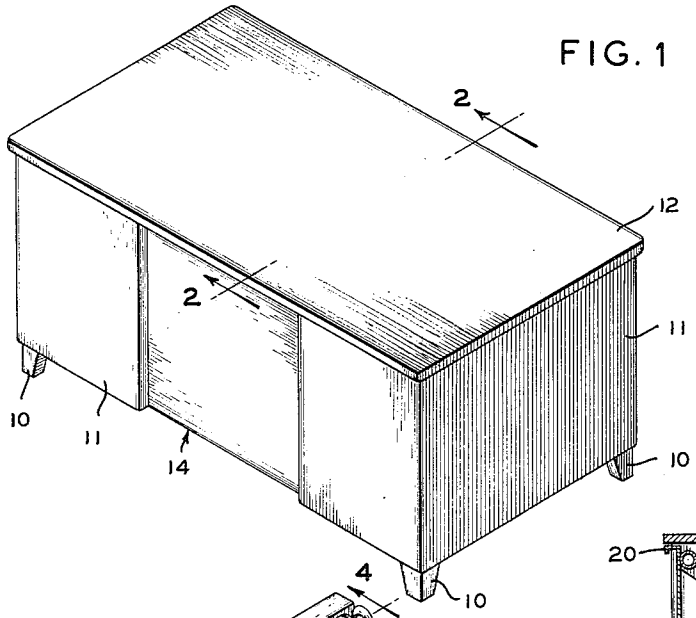
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WASTE BASKET AND MOUNTING

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FIG. 1



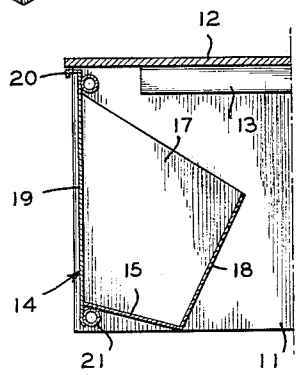
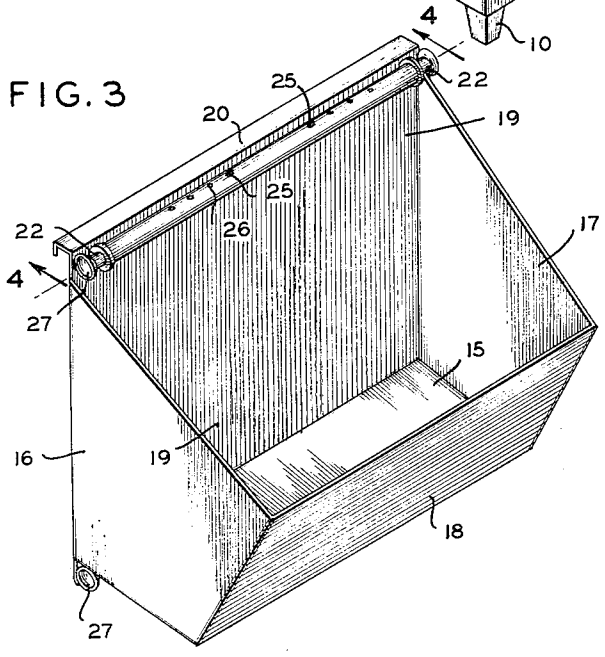


FIG. 2

FIG. 3



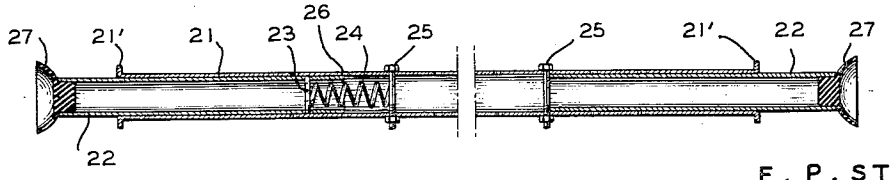


FIG. 4

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FIG. 5

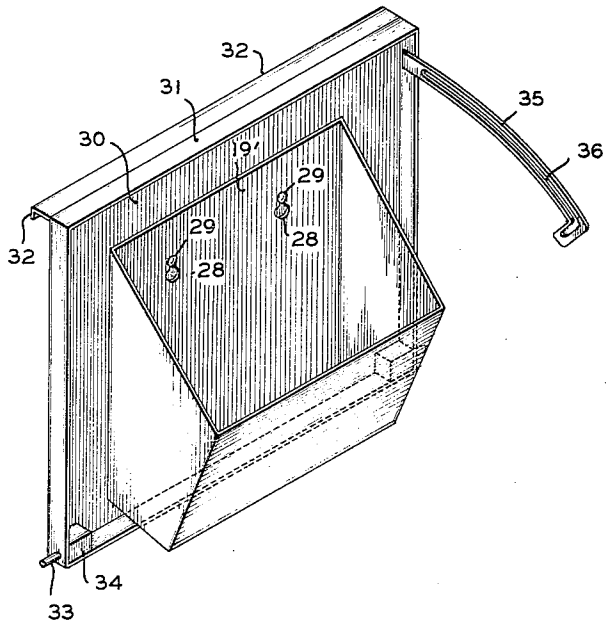
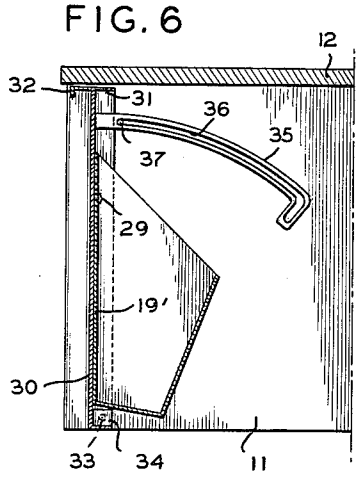


FIG. 6



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WASTE BASKET AND MOUNTING

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Filed July 16, 1958, Ser. No. 748,949

2 Claims. (Cl. 220—18)

This invention relates to furniture of various kinds employed in homes, offices and other locations, and more particularly to the kind of furniture used in the normal conduct of business.

The invention is concerned particularly with articles of furniture such as desks composed of metal, wood or other materials or combinations of materials, and to receptacles employed in conjunction therewith for the collection of waste paper and other discarded materials.

Heretofore collection receptacles such as waste baskets have been provided usually as separate items in connection with desks used in homes, business offices and the like, although some of these collection receptacles have been located in contact with or attached to the desks. These have not been satisfactory because they were unsightly, in the way, were not easily accessible to the user or to the trash collector, and were cumbersome and expensive.

It is an object of the invention to provide a collection receptacle conveniently accessible both to the user of a desk and to a trash collector, which is artistic, relatively simple and inexpensive, which can be incorporated in the desk at the time of manufacture or added subsequently, as well as a receptacle which will remain concealed or substantially concealed until removal of material therefrom is desired.

Other objects and advantages of the invention will be apparent from the following description taken in conjunction with the accompanying drawings wherein:

Fig. 1 is a perspective of a desk of steel or other material illustrating one embodiment of the invention;

Fig. 2, a fragmentary vertical section on the line 2—2 of Fig. 1;

Fig. 3, a detailed enlarged perspective of the waste basket and mounting;

Fig. 4, a longitudinal section of one of the mounting members of the waste basket of Fig. 3;

Fig. 5, a perspective viewed from the interior of a modified form of waste basket and its mounting;

Fig. 6, a fragmentary vertical section of a desk with a waste basket and mounting.

Briefly stated a waste basket is provided having a bottom inclined downwardly from rear to front, a front wall inclined forwardly from its bottom to its top, side walls the upper edges of which taper upwardly from the front wall to a normally substantially vertical rear wall. The rear wall may be integral with or independent of a mounting panel preferably of a size to close the opening at the rear between spaced twin pedestals containing drawers or storage compartments accessible at the front and beneath the top of a desk. A pair of adjustably extensible mounting tubes or rod like supports having suction tips for engagement with spaced opposed desk surfaces. The bottom of the waste basket pivotally rests upon the lower of the mounting tubes and the weight of the basket causes the upper position of the basket to rest sidewise against the upper mounting tube so that the

basket is accessible from the front beneath the desk or from the rear of the desk.

With continued reference to the drawings, a popular type of steel desk may have legs **10** on which are supported twin pedestals **11** which support a top **12**, with or without a drawer **13** (Fig. 2) beneath the same. The desk may or may not have a rear panel **14** between the twin pedestals.

With a desk of this type a waste basket is usually placed about the desk for the receipt of waste paper or other discarded materials. When the waste basket is in proximity to the desk it is unsightly and detracts from the appearance of the room; it is a hazard since it provides an object over which a person can trip or fall; it occupies valuable space and frequently waste baskets are bulky, cumbersome and preferably are kept out of sight.

In order to overcome this condition a waste basket or receptacle for discarded material may be provided and built into or attached to the desk in a position where it is convenient both to the user and to a janitor or caretaker; it is of simple and inexpensive construction, of attractive appearance, and is in an accessible location without interfering with the full use of the desk.

The waste basket of the present invention is preferably composed of a bottom **15**, sloping downwardly from back to front, ends **16** and **17**, a front **18** inclined forwardly from bottom to top so that the top of the basket is somewhat larger than the bottom, and a substantially vertical back wall or panel **19** of greater height than the front and sides. The back **19** preferably is of a width corresponding to the twin pedestals **11** to provide a substantially continuous appearance by filling the space between the twin pedestals and the front is tapered upwardly from its bottom or inclined slightly away from the rear panel to aid in inserting the basket and to prevent scratching the pedestals **11**. The back of the basket may have its top edge provided with an outwardly and downwardly extending portion **20** to provide a groove for the fingers to facilitate removal of the waste basket from the desk.

In order to mount the waste basket on the desk a pair of upper and lower supports are provided in the form of a tube **21** in each end of which a smaller tube **22** is telescopically received. One of the tubes **22** is provided with a stop in the form of a pin **23** against which a spring **24** may abut and such spring **24** is adapted to engage and be confined between the pin **23** and a bolt **25** which is adjustable along the length of the tube **21** by means of a series of openings **26**.

The tube or sleeve **21** is provided at each of its ends with a reinforcing flange or ferrule **21'**. The telescopically received tubes **22** are fitted on their outer ends with suction cups **27** and the spring **24** normally urges both suction cups into intimate engagement with the twin pedestals to maintain the supports in fixed position. The spacing of the cups on the opposite ends of the holder may be varied to fit between the spaced twin pedestals of the desk and against the sides of the same.

The waste basket may be mounted on two of the supports as illustrated in Fig. 4 with the lower support forming a rest for the basket in the channel formed beneath the bottom **15** and the rear wall or panel and against the front face of such rear wall or the back **19** while the upper forms a limit stop against which the upper portion of the back rests or abuts due to the fact that the major portion of the weight of the basket is in front of such supports.

If desired, as disclosed in Figs. 5 and 6, a waste basket may be provided with a back **19'** having openings **28** so that the basket may be fitted over supporting pins **29** on a panel **30** of a size to fill the space between the twin pedestals at the back of the desk. Such panel may be made of metal and have an annular flange **31** with a

gripping flange **32** along its upper rear edge. If preferred the panel **30** may be made of the same material as the desk. It is adapted to be supported in any desired manner as, for example, by means of hinge pins **33** carried by reinforcing or mounting blocks **34**.

When the pins **33** are mounted in the desk pedestals **11** and the panel is in substantially upright position the weight of the waste basket will tend to swing it forward, which movement is limited by means of a bracket **35** having a slot **36** in which is received pin **37**. On account of the slot **36** the panel may be swung rearwardly with the bracket moving rearwardly over the pin until the end of the bracket comes in contact with the pin. This permits the basket to be raised and removed.

It will be obvious to those skilled in the art that various changes may be made in the invention without departing from the spirit and scope thereof and therefore the invention is not limited by that which is illustrated in the drawings and described in the specification, but only as indicated in the accompanying claims.

What is claimed is:

1. The combination with an article of furniture such as a desk having spaced portions with an opening therebetween, of a wastebasket and supporting means therefor, said waste basket having front, bottom, rear and side walls, the rear wall being of a size substantially to fill said opening and to present with said spaced portions a solid wall, said bottom and side walls terminating inwardly of the upper and lower edges of the rear wall and the rear wall extending below the bottom wall and forming with said bottom wall a receiving channel, a first rod like support the length of which is adjustable to accommodate itself to the distance between said spaced portions, said support being located beneath said bottom and in said channel formed by said rear wall and said bottom wall, a second rod like support the length of which is adjustable to accommodate itself to the distance between said spaced portions, said second support being located across and between the upper part of the spaced portions and against which second support the upper front face portion of said rear wall is engaged for holding the waste basket in place, said rear wall having a fingers-receiving groove along its rear upper portion for facilitating its application and removal, said first and second supports including means normally tending to extend the length of said supports into contact with said spaced portions and having gripping portions at their opposite ends for increasing gripping engagement of said supports with said spaced portions.

2. The combination of a waste basket and mounting assembly, said waste basket comprising a container having a panel-forming wall for removable mounting between spaced surfaces to provide a solid panel therewith, said container also having front, side, and bottom walls, said panel forming wall extending below the bottom and side walls and forming therewith a receiving channel, upper and lower rod-like supports the lengths of which are adjustable to accommodate themselves to the distance between spaced portions, one of said supports being receivable in said channel formed by the lower edge of said panel-forming wall and said bottom wall, the other of said supports being adapted to be located above the sides and in contact with the upper front face portion of said panel-forming wall, whereby when the latter is in substantially upright position the waste basket will rest on the lower support and the upper portion of the panel-forming wall will rest against the upper support, said supports including means normally tending to extend the length thereof, and said supports having gripping portions at their opposite ends for increasing the gripping engagement thereof.

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