Sept. 18, 1956 J. L. BRUNTHAVER 2,763,525

DESK MOUNTED WASTE BASKET

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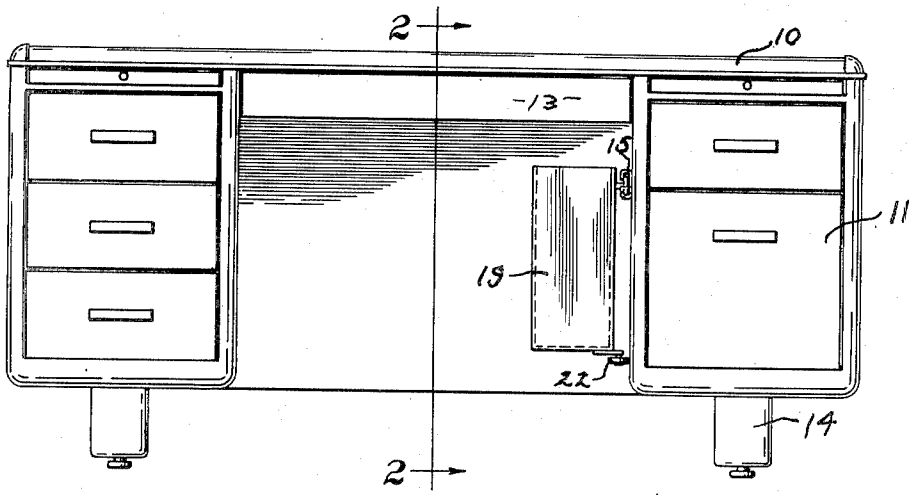


Fig-1

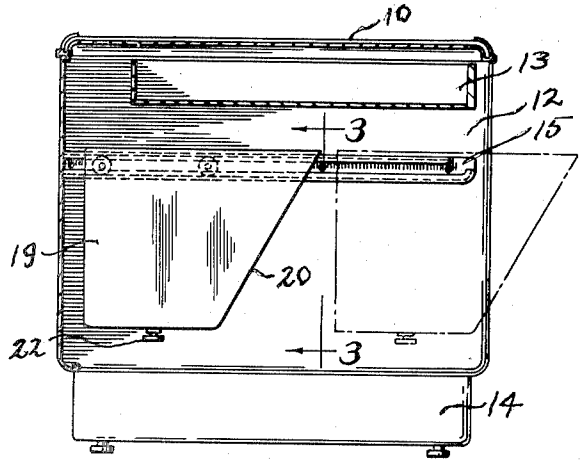


Fig-2

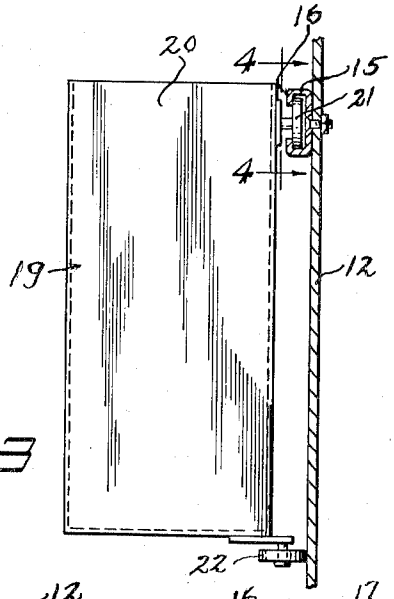


Fig-3

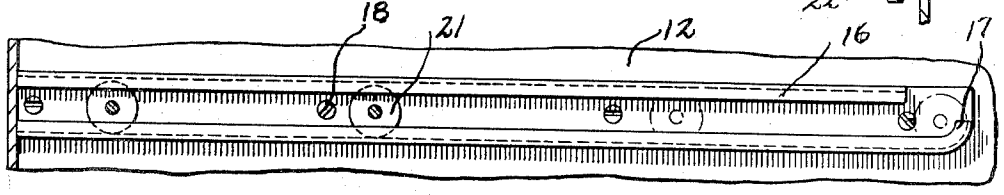


Fig-4

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DESK MOUNTED WASTE BASKET

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1 Claim. (Cl. 312—194)

This invention relates to waste basket-desk combinations, and an object is to provide a new and improved arrangement by which a waste basket is mounted in the knee hole of the desk so as to be shifted on the desk from a position normally out of the way of the desk user to an outer position from which it may be bodily disengaged for emptying.

Another object is to produce a simple and efficient mounting for a waste basket on the side wall of the knee hole area so that it may be slid to and fro and detached, when desired, thereby to enable the basket to be out of the way of the user and still to be so constructed and arranged that access can be had to deposit waste paper, etc.

Other objects and advantages of the invention will hereinafter appear, and for purposes of illustration but not of limitation, an embodiment of the invention is shown on the accompanying drawings, in which

Figure 1 is a front end elevation of a desk, showing the waste paper basket mounted in the knee hole area;

Figure 2 is a transverse sectional view on the line 2—2 of Figure 1;

Figure 3 is an enlarged fragmentary sectional view on the line 3—3 of Figure 2; and

Figure 4 is a fragmentary sectional view on the line 4—4 of Figure 3.

The illustrated embodiment of the invention comprises a desk having a flat top **10** and a pair of laterally spaced drawer sections **11**, each section having an inner vertical wall **12**. Directly beneath the top **10** and between the drawer sections is the usual sliding drawer **13**. Manifestly, the area between the drawer sections and beneath the drawer **13** constitutes the knee hole area so that a person working at the desk and sitting in a chair in rear of it, can be positioned closely to the desk, as will be readily understood. The desk is supported by legs **14** depending from the drawer sections respectively.

Mounted in the knee hole area, and particularly on a side wall of a drawer section is a waste basket which can be shifted to the far rear of the knee hole area or can be shifted forwardly and completely removed from the desk for emptying. In this manner, the waste basket occupies space that is not being used, does not interfere with the user of the desk, is so constructed and arranged as to be accessible for depositing waste paper and the like, and can be readily and conveniently removed by the charwoman for cleaning or emptying. As shown, a longitudinally elongate sheet metal track **15** is disposed a short distance beneath the drawer **13** and extends from the rear wall of the knee hole area to a point adjacent the opposite end of the desk. The track has a flat body which abuts against the vertical drawer section wall **12** and inwardly and downwardly turned lips **16** to povide a channel extending from end to end. However, the upper lip of the track adjacent the outer end terminates short thereof, but the lower lip extends outwardly beyond and is upturned

to provide a stop for the rollers, as will hereinafter appear, but not interfere substantially with the bodily disengagement of the waste basket from the track.

The track is secured to the wall **12** by a series of fasteners **18** which enables the track to be mounted on desks presently in use, so that the device can be employed as an attachment to desks presently constructed.

Mounted for to and fro shifting movements in the track **15** is a waste basket **19** which, in this instance, is of sheet metal, has a bottom, side walls and front and rear walls, the top being open. As shown, the front wall **20** inclines downwardly and rearwardly to militate against the user striking thereagainst. Adjacent the top edge and disposed on the inner side wall is a pair of laterally spaced rollers **21** which fit the track **15** and are adapted to roll therealong, thereby enabling the basket **19** to be shifted rearwardly against the back wall of the knee hole area, or moved forwardly and lifted out of the track for emptying. Also it may be shifted forwardly to afford better access to the interior thereof for the deposit of waste paper and the like, although the same can be deposited without difficulty when the basket is in its rearmost position.

In order to prevent the basket from wiping against the wall **12** at its lower portion, a roller **22**, mounted on a vertical axis, is secured to the bottom wall intermediate the front and back thereof, and projects outwardly as shown on Figure 3, so as to roll along the wall **12**, as will be readily understood.

From the above, it will be manifest that I have produced an exceedingly simple and efficient waste basket arrangement which enables it to be placed out of the way, but still readily accessible to the user. It does not occupy valuable space or block passages as is the case where the basket is disposed on the floor at one side of the desk. Furthermore, it obviates the liability of marring or damaging furniture and eliminates unsightly appearance, usually occasioned by waste baskets which are accessible to view. The structure can be simply mounted on desks presently in use without difficulty or disfiguration.

It is to be understood that numerous changes in details of construction, arrangement and operation may be effected without departing from the spirit of the invention especially as defined in the appended claim.

What I claim is:

A device of the class described comprising a desk having a top and a knee space for the user and an up and down wall at one side of the knee space, a horizontally disposed track on said wall, said track being substantially U-shaped in cross section and having vertically disposed lips on the ends of the U form, a waste basket of closed form except for an open top, a pair of laterally spaced rollers on the upper portion of one side of the waste basket and shiftable along said track, whereby the basket may be slid along the track to an out-of-the-way position, the upper lip of the track terminating short of the outer end thereof and the lower lip extending outwardly beyond the upper lip a distance sufficient to free the rollers therefrom, an upturned end on the outward extending portion of the lower lip to provide a roller stop, and a roller on the lower portion of the basket to roll along said up and down wall and thereby space the basket therefrom.

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