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1,458,100

E. R. KNOPF

LAUNDRY BAG SUPPORT

Filed April 8, 1921

Fig. 1.

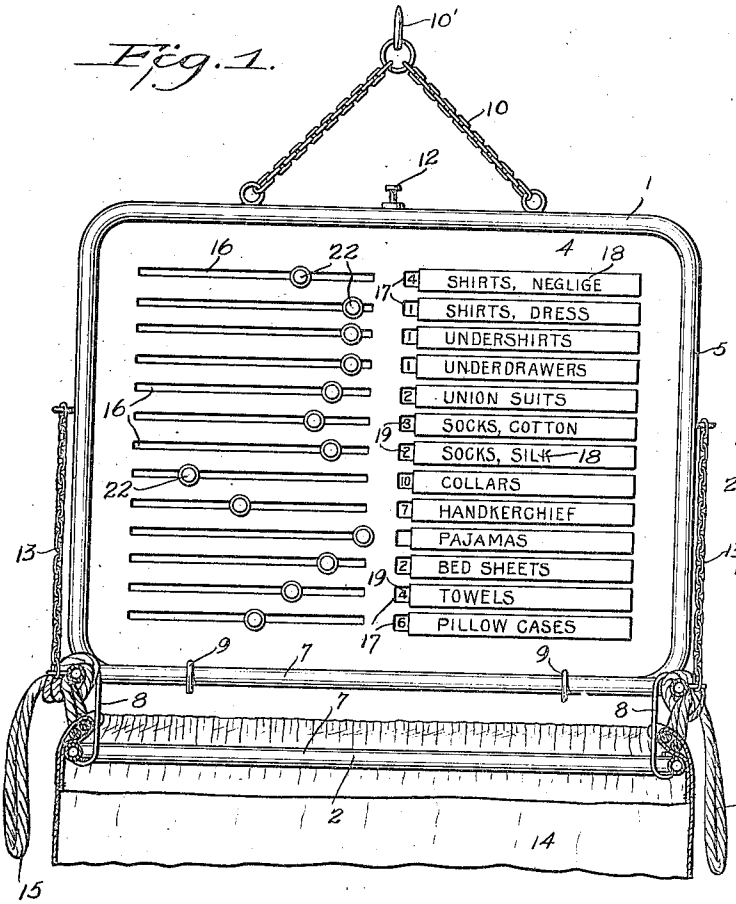


Fig. 2.

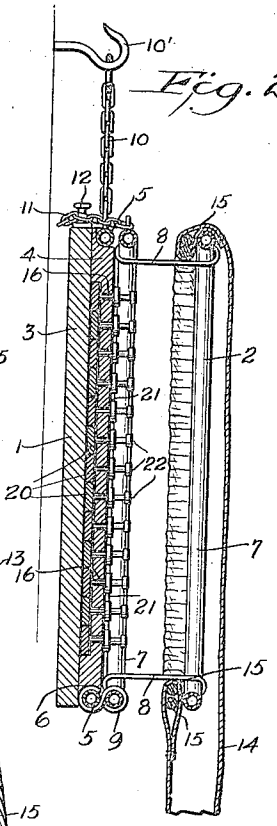
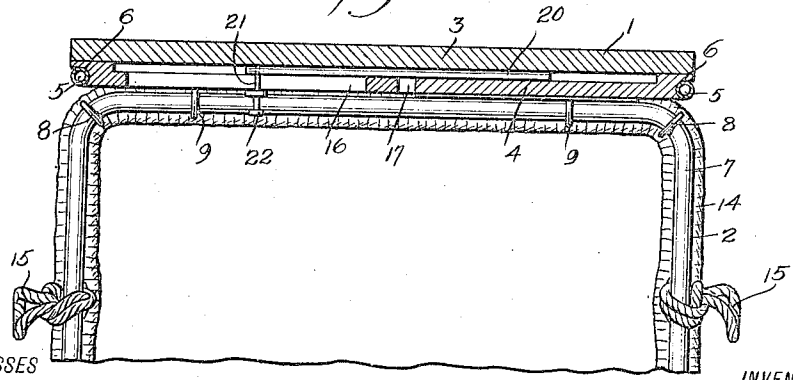


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

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LAUNDRY-BAG SUPPORT.

Application filed April 8, 1921. Serial No. 459,793.

To all whom it may concern:

Be it known that I, ERNEST RUDOLF KNOPF, a citizen of the United States, and a resident of Greenwich, in the county of Fairfield and State of Connecticut, have invented a new and Improved Laundry-Bag Support, of which the following is a full, clear, and exact description.

This invention relates to improvements in laundry bag supports, an object of the invention being to provide a device, which will support a laundry bag in either closed or open position.

Another object is to provide a novel form of bag supporting frame, to which a bag may be removably attached.

A further object is to provide indicating means associated with the frame with which the user of the bag may keep track of the character and number of articles deposited in the bag, so that a laundry list may be readily compiled by referring to the indicating means.

A still further object is to provide a device of the character stated, which will be simple and practical in construction, strong and durable in use, and comparatively inexpensive to manufacture.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings:—

Figure 1 is a view in front elevation with parts broken away for clearness, illustrating my improved support with the bag attached thereto;

Figure 2 is a view in transverse section through the support showing the frame in folded position; and

Figure 3 is a fragmentary view in longitudinal section illustrating the frame in horizontal position.

Referring in detail to the drawings, my improved support comprises a back 1 and a frame 2.

The back 1 includes a flat backing plate 3, and a slotted plate 4, located upon the backing plate and having its intermediate portion spaced therefrom. A frame such as 5, encircles the plate 4 and is located in a groove 6 around the edges of the plate.

This encircling frame 5 not only lends an attractive appearance to the support, but its lower edge provides a convenient place for attaching the frame 2. The back supporting frame 2 comprises a pair of parallel rectangular frame members 7 of substantially the same size and shape as the frame 5. The members 7 are spaced apart and rigidly connected at their corners by any approved form of connecting devices illustrated at 8.

The ends of S-shaped bearing brackets 9 are rigidly attached to the lower end of the frame 3 and one side of the upper frame member 7 is located in the other ends of the brackets, so that the frame 2 may pivot or swing about its point of attachment to the back 1.

The back is suspended against a wall upon a suitable flexible device illustrated at 10, which may be supported upon a nail or hook 10′, driven into the wall. The frame 2 has a limited pivotal movement through an arc of approximately 90 degrees. It may be swung to upright position against the backing plate 1, as indicated in Figure 2 and retained in place by a flexible device 11 carried by the free edge of the upper frame member 7 and engageable over a stud 12 on the upper face of the backing plate 3, or it may be supported in horizontal position by flexible devices 13 operatively connected to the intermediate portions of the frame 5 and the upper frame member of the back supporting frame 2.

The lower frame member 7 conveniently supports a conventional form of laundry bag 14, preferably provided around its mouth with a pair of independent draw strings 15. These strings may be tightened to secure the mouth of the bag over the lower frame member 7 and the ends of the strings are tied to the upper frame member 7, as indicated in Figure 1.

I have referred to the plate 4, as a slotted plate, having its intermediate portion offset from the plate 3. The plate 4 is provided with a plurality of parallel slots 16 and adjacent the end of each slot, the plate is provided with an opening 17. Indicia such as 18, is displayed adjacent each opening, this indicia referring to the various kinds of articles which are ordinarily sent to the laundry.

Indicators preferably in the form of flat strips 20 arranged side by side are provided between the plates 3 and 4, and each indicator has a series of numerals 19 displayed

thereon. Any one of the numerals on the indicators may be exposed through the openings 17 by moving the indicators to the desired position. I have illustrated one convenient means for manually operating the indicators, which comprises studs 21 fixed to the indicators 20 and movable through the slots 16. Handle members 22 are carried by the outer ends of the studs.

It has been heretofore noted that the support is ordinarily hung upon a wall with the backing plate 3 located against the wall and the slotted plate 4 and its indicating mechanism exposed. The frame is usually in the upright or folded position shown in Figure 2, so that the bag will conceal the back and the back will prevent articles from falling out of the bag. When articles are to be inserted in the bag, the frame 2 is lowered to the horizontal position illustrated in Figures 1 and 3, the articles are dropped into the open mouth of the bag and the corresponding indicators are moved to indicate in the correct openings 17, the number of articles deposited. When the laundry is collected, it will be an easy matter to prepare a laundry list from the visible data displayed on the support.

Although I have illustrated one of the preferred embodiments of my invention, it will be apparent that various slight changes and alterations might be made in the general form and arrangement of the parts described without departing from the invention, and hence I do not wish to limit myself to the precise details set forth, but shall consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

It might be noted that although the invention has been described as a laundry bag support, the same parts might be used to function in a different way. The rectangular frames 7 might constitute the mouth of a hamper and the back might serve as a hamper cover.

I claim:

1. A laundry bag support comprising a frame provided with an indicator, a second frame hinged at its lower end to the lower end of the first frame to swing into vertical and horizontal positions, said second frame being provided with a member to which the mouth of a laundry bag is adapted to be secured, and means for holding said frame in a vertical position, whereby when the frame is in a vertical position, the first frame will be concealed by the bag and the articles prevented from falling out of said bag.

2. A laundry bag support, comprising a frame provided with an indicator, a frame formed of two spaced and connected members, one of the members being hinged to the indicator frame, and to the other member, of which a laundry bag is adapted to be secured at its mouth, means for holding the frame in vertical position, and means for holding it in an approximately horizontal position.

3. A laundry bag support, comprising a frame provided with an indicator, a frame formed of two approximately rectangular members connected at their corners in spaced relation, one of the members being hinged to the lower portion of the indicator frame and to the other member, of which a laundry bag is adapted to be secured at its mouth, means for holding the frame in vertical position, and means for holding it in approximately horizontal position.

4. A laundry bag support, comprising a frame provided with an indicator, a frame formed of two approximately rectangular members secured together in spaced relation, one of the members being hinged to the lower portion of the indicator frame and to the other member of which the mouth of a laundry bag is adapted to be secured, means carried by the free end of one of the frame members and adapted to engage the indicator frame, and a flexible connection between the indicator frame and one of the frame members.

ERNEST RUDOLF KNOPF.