April 19, 1927. 1,625,316

W. F. HARLOW

LAUNDRY ASSORTING RACK

Filed June 1, 1926 2 Sheets-Sheet 1

Fig. 1

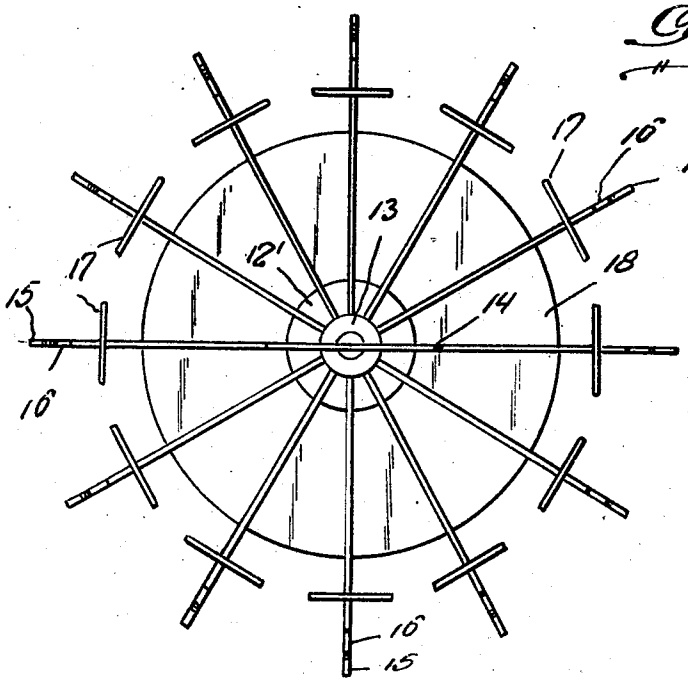
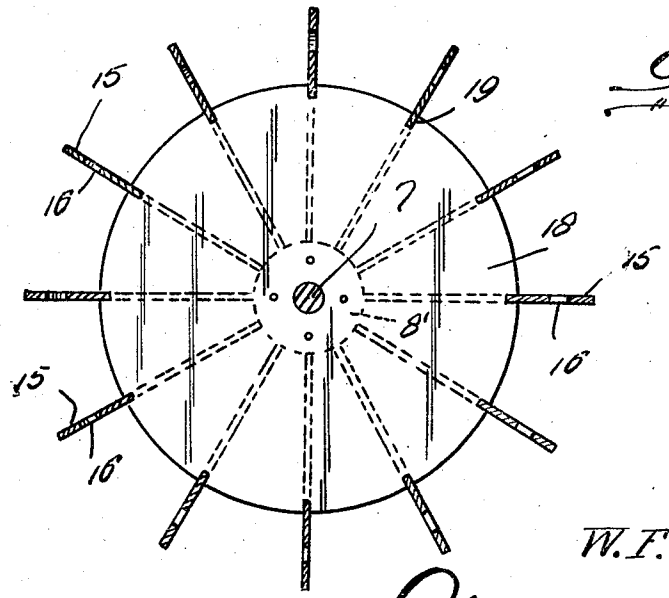


Fig. 3.



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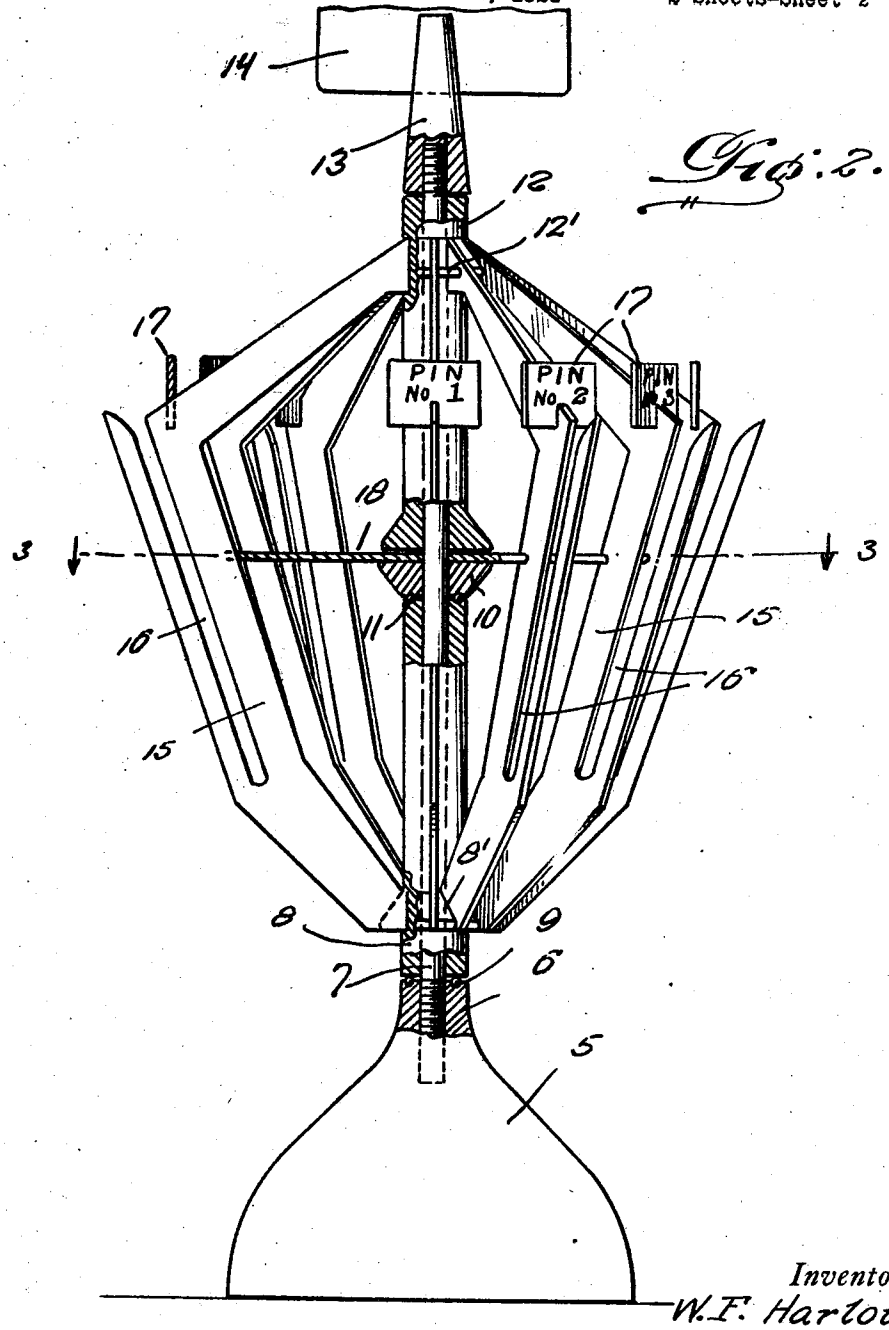
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Fig. 2.



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UNITED STATES PATENT OFFICE.

WALTER F. HARLOW, OF LYNCHBURG, VIRGINIA.

LAUNDRY ASSORTING RACK.

Application filed June 1, 1926. Serial No. 112,994.

This invention relates to racks primarily adapted for use in laundries in the assorting in rough dry work after the same has been removed from the drying room.

The primary object of the invention is to provide a rack of the rotary character provided with a plurality of means for permitting the hanging of the various customers' laundry at a particular point on the rack and to facilitate the disposition of the various customers' laundry on the rack without requiring the assorter to be constantly on the move which is now the case in the use of assorting racks generally used for this purpose.

This invention further aims to provide a rack of the foregoing character wherein the loss of articles is reduced to a minimum, which feature will in itself compensate for the cost of installing a rack of this character, which as a matter of fact would vary negligibly insomuch as the rack is extremely simple of construction, the same embodying but few parts and these so corelated as to provide a highly novel, simple, and efficient device.

Other objects will become apparent as the nature of the invention will be better understood, the same comprising the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the drawings wherein like reference characters indicate corresponding parts throughout the several views:

Figure 1 is a top plan view of a rack constructed in accordance with the present invention.

Figure 2 is a view mainly in side elevation, certain of the elements being disclosed in cross section, and

Figure 3 is a detail longitudinal section taken substantially upon the line 3—3 of Figure 2 and looking downwardly in the direction of the arrows.

Now having particular reference to the drawings, my novel rack constitutes the provision of a weighted base 5 formed at its top side with a threaded socket 6 which has threaded therein the lower end of a relatively elongated vertically extending post 7 which is circular in cross section as clearly disclosed in Figure 3. Mounted for rotation around the post 7 at the lower end thereof is a sleeve 8 that extends upwardly to a point slightly beneath the center thereof, the lower end of the sleeve having free rotation about the post 7 and upon the base 5 through reason of suitable bearings 9. Attached to the post 7 directly above said sleeve 8 is a tapered collar 10 between which and said sleeve are other bearings 11.

Also mounted for rotation upon the post 7 in slight spaced relation with the collar 10 is a further sleeve 12 that terminates at its upper end slightly within the upper end of said post which is threaded for receiving a head 13 that is slotted at its upper end for receiving an indicating card 14.

The sleeves 8 and 12 are formed adjacent their outer ends with tapered circumferential shoulders 8′ and 12′ respectively that are suitably slotted in predetermined spaced manner for a purpose hereinafter more fully described.

The rack further constitutes the provision of a predetermined number of laundry supporting arms 15, the opposite ends of which are extended inwardly at such angles as to support the arms in an outwardly extending inclined position with respect to the post 7, it being noted from a consideration of Figure 2 that said ends of the arms are arranged within the slots of the shoulders 8′ and 12′ respectively wherein they are rigidly secured.

All of the arms are longitudinally slotted as at 16, the slots opening at the upper ends thereof to permit of the engagement of the usual laundry attached rings or pins therein. As a means for indicating the ownership of the laundry supported by the various arms 15 I provide indicating cards 17 that are slotted at their lower edge for disposition upon the upper ends of the arms as clearly disclosed in Figure 2.

As an auxiliary means for maintaining the arms in proper spaced relation the rack further constitutes the provision of a rigid circular disc 18 positioned at its center between the collar 10 and the upper sleeve 12 and being formed at its true center with an opening through which the post 7 extends, the edge of this disc being formed with spaced slots 19 within which the inner edges of the arms 15 extend.

It will thus be seen that I have provided a highly novel, simple, and efficient form of laundry assorting rack that is well adapted for all the purposes heretofore designated, even though I have herein shown and described the invention as consisting

of certain detail structural elements, it is nevertheless to be understood that minor changes may be had therein without effecting the spirit and scope of the appended claims.

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

1. A laundry assorting rack of the class described including, in combination, a vertical pole, a sleeve rotatable about the lower portion of the pole, a second sleeve rotatable about the upper portion of the pole, bearing means spacing the sleeves apart, a plurality of arms attached to the bottom of the lower sleeve and inclining upwardly and outwardly therefrom and merging into inwardly disposed extensions attached to the upper portions of the upper sleeve, said arms being provided with longitudinally extending slots.

2. A laundry assorting rack of the class described including, in combination, a vertical pole, a sleeve rotatable about the lower portion of the pole, a second sleeve rotatable about the upper portion of the pole, bearing means spacing the sleeves apart, a plurality of arms attached to the bottom of the lower sleeve and inclining upwardly and outwardly therefrom and merging into inwardly disposed extensions attached to the upper portions of the upper sleeve, said arms being provided with longitudinally extending slots, a disk having an opening in its center for receiving the pole, and notches in its edge for receiving the arms.

3. A laundry and sorting rack of the class described including a base, a post threadedly mounted in the base to rise vertically therefrom, a sleeve rotatably mounted on the lower portion of the post, a bearing between the sleeve and the base, a second bearing rotatably mounted upon the post at the upper end thereof, a plurality of arms fixed to the lower portion of the lower sleeve and rising upwardly therefrom and inclining outwardly and provided with longitudinally extending slots, said arms merging at their upper ends into inwardly directed extensions fixed to the upper end of the upper sleeve.

In testimony whereof I affix my signature.

WALTER F. HARLOW.