

No. 850,697.

PATENTED APR. 16, 1907.

W. E. VOSS.
LAUNDRY BAG.

APPLICATION FILED FEB. 4, 1907.

Fig. 2.

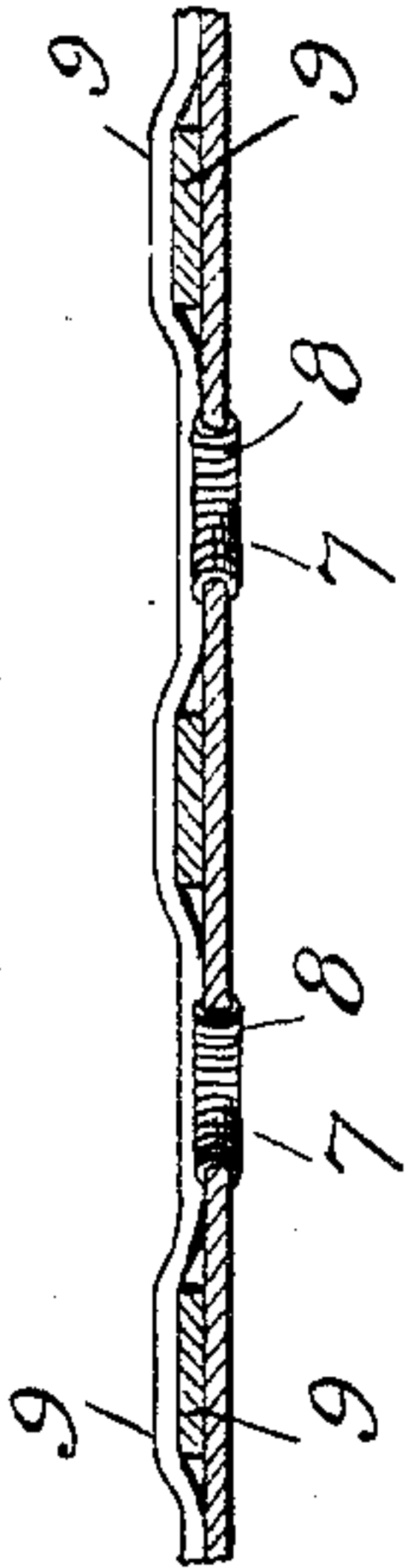


Fig. 3.

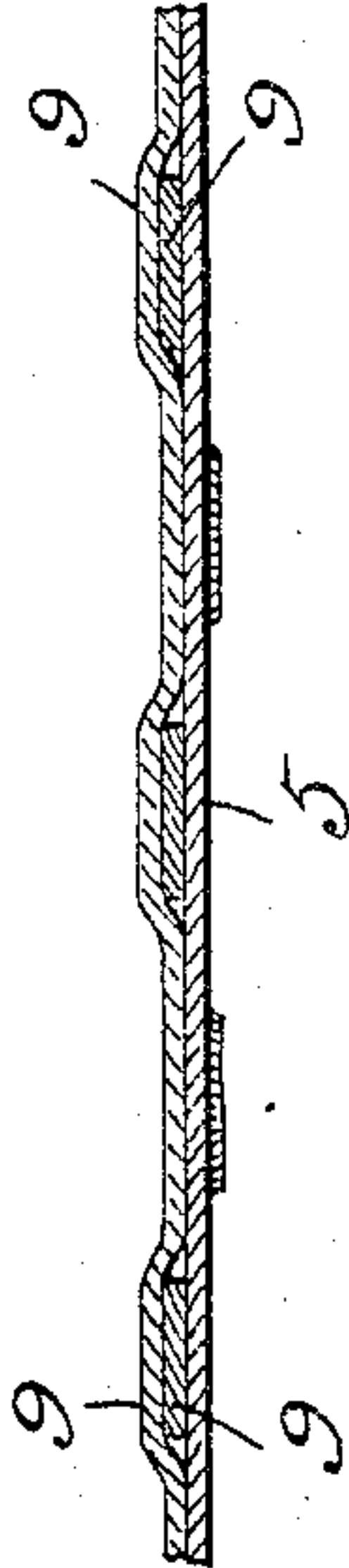


Fig. 4.

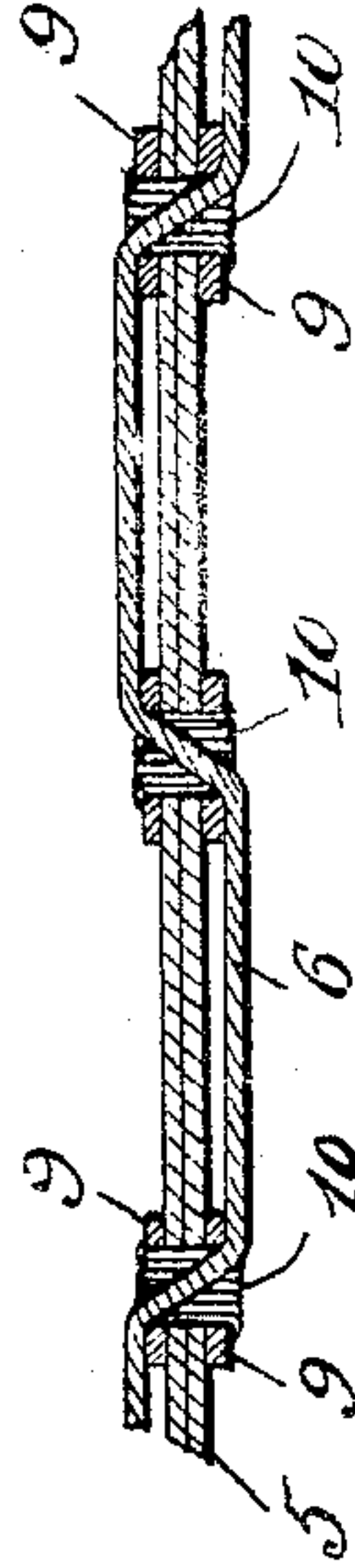
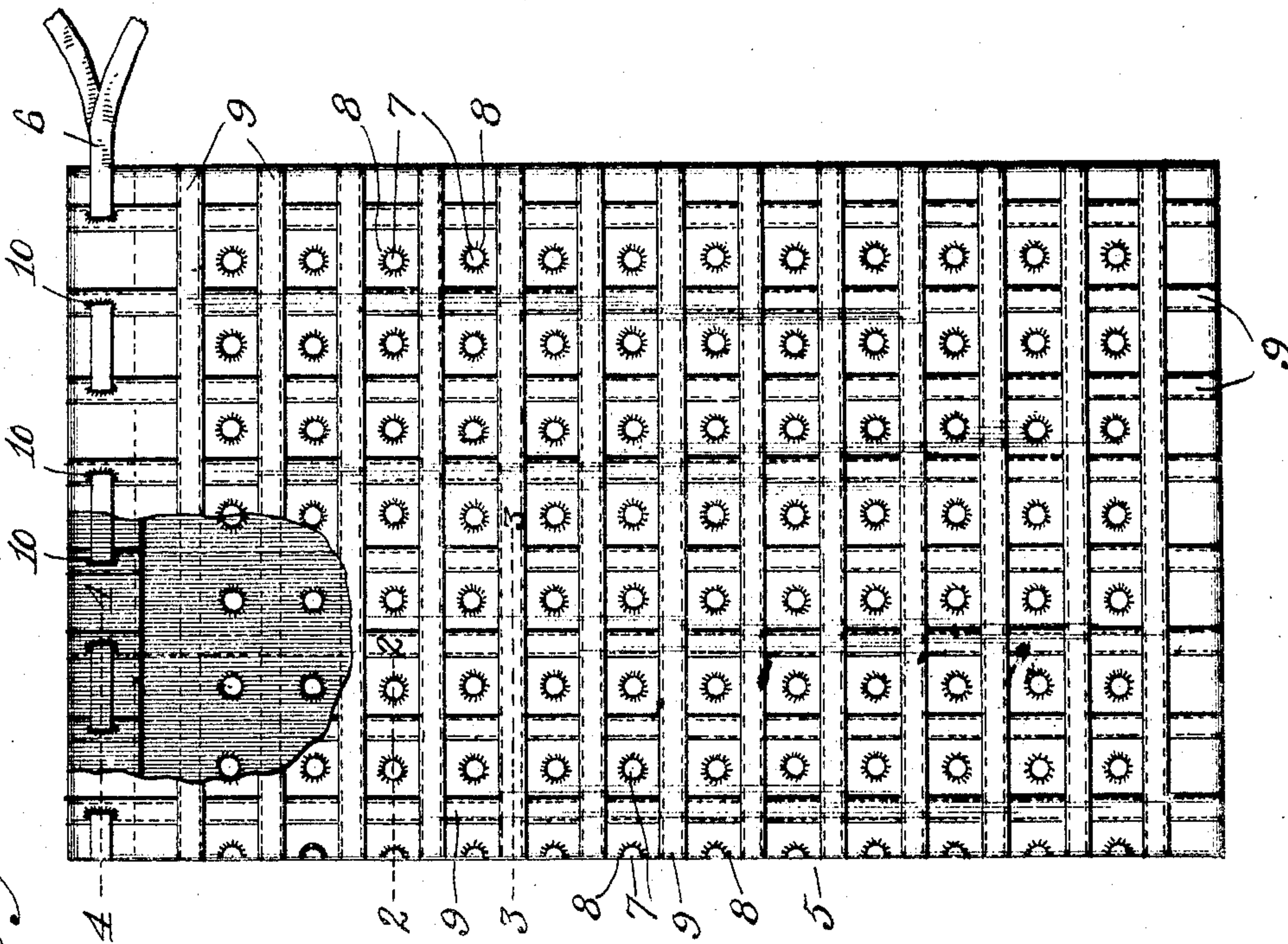


Fig. 1.



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UNITED STATES PATENT OFFICE.

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LAUNDRY-BAG.

No. 850,697.

Specification of Letters Patent. Patented April 16, 1907.

Application filed February 4, 1907. Serial No. 355,627.

To all whom it may concern:

Be it known that I, WILLIAM E. VOSS, a citizen of the United States of America, residing at Columbia, in the county of Maury and State of Tennessee, have invented certain new and useful Improvements in Laundry-Bags, of which the following is such a full, clear, and exact description as will enable others skilled in the art to which it ap-

10 pertains to make and use the same.

My invention has reference to laundry-bags employed in public laundries for the purpose of keeping different lots of clothes segregated during their passage through the washing-machine. Heretofore a flexible bag 15 has been employed for this purpose, which bag was provided throughout its body with metal-bound perforations for the passage of the water. In practice, however, this bag 20 would become split or torn and soon become worthless, while the metallic eyelets employed for binding the edges of the perforations would tear and otherwise injure the clothes in the bag.

25 The object of my invention is to increase the durability of the bag without affecting its flexibility or materially altering its weight. This object is attained in a bag of the construction illustrated in the accompanying drawings; and the invention consists 30 in certain novel features of the same, as will be hereinafter first fully described and then particularly pointed out in the claims.

In the drawings, Figure 1 is a broken elevation of my improved bag. Fig. 2 is a sectional view taken on the line 2 2 of Fig. 1. Fig. 3 is a sectional view taken on the line 3 3 of Fig. 1, and Fig. 4 is a sectional view taken 40 on the line 4 4 of Fig. 1.

45 The bag 5 has a closed lower end and is provided with a draw-string 6, by which its upper end may be closed to hold the clothes within the bag. The bag is preferably formed of canvas or heavy duck material, so as to have the necessary flexibility and strength. The body of the bag is provided throughout with perforations 7 at comparatively close intervals, which are arranged in parallel transverse and longitudinal rows for 50 convenience of manufacture. In order to protect the edges of the perforations and

prevent fraying of the same, a binding 8, of heavy thread, is formed around the same.

Between the rows of perforations flexible reinforcing-strips 9 are sewed upon the bag, 55 and these strips are preferably of the same material as the bag. It will be noticed that the strips are passed entirely across and along the bag and overlap at their points of intersection, so that they form squares having 60 perforations at their centers. This formation insures great strength for the bag at the points of greatest strain without in the slightest degree detracting from its flexibility. The longitudinal strips are extended to the 65 top or mouth of the bag and are formed with slots or openings 10, coinciding with the openings in the body of the bag for the passage of the draw-string. These openings are bound with heavy thread, so as to resist the 70 wear of the draw-string and prevent fraying or tearing of the openings.

In use the articles to be washed are placed within the bag, which is then closed and placed in the washing-machine. During the 75 washing operation the bag is mechanically moved through the washing fluids at such a rate as to cause the fluids to pass readily through it and the articles contained therein. The perforations in the bag permit the ready 80 egress and ingress of the fluids, and the texture is such as to protect the clothes from damage and prevent them from becoming compacted.

Having thus described my invention, what 85 I claim, and desire to secure by Letters Patent, is—

1. A new article of manufacture comprising a flexible bag provided throughout its body with perforations permitting free ingress and egress of fluids and having flexible 90 strips permanently secured to its body between the perforations.

2. A new article of manufacture comprising a flexible laundry-bag having its body 95 provided throughout with perforations permitting free ingress and egress of fluids and flexible reinforcing-strips permanently secured to the body in parallel transverse and longitudinal rows between the perforations. 100

3. A new article of manufacture comprising a flexible laundry-bag having its body

provided with perforations permitting free ingress and egress of fluids, and flexible reinforcing-strips permanently secured to the body in parallel rows between the perforations, the longitudinal strips being extended
5 to the mouth of the bag and provided with bound openings to receive a fastening means.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILLIAM E. VOSS.

Witnesses:

JNO. W. FRIERSON,
B. F. DAVIS.