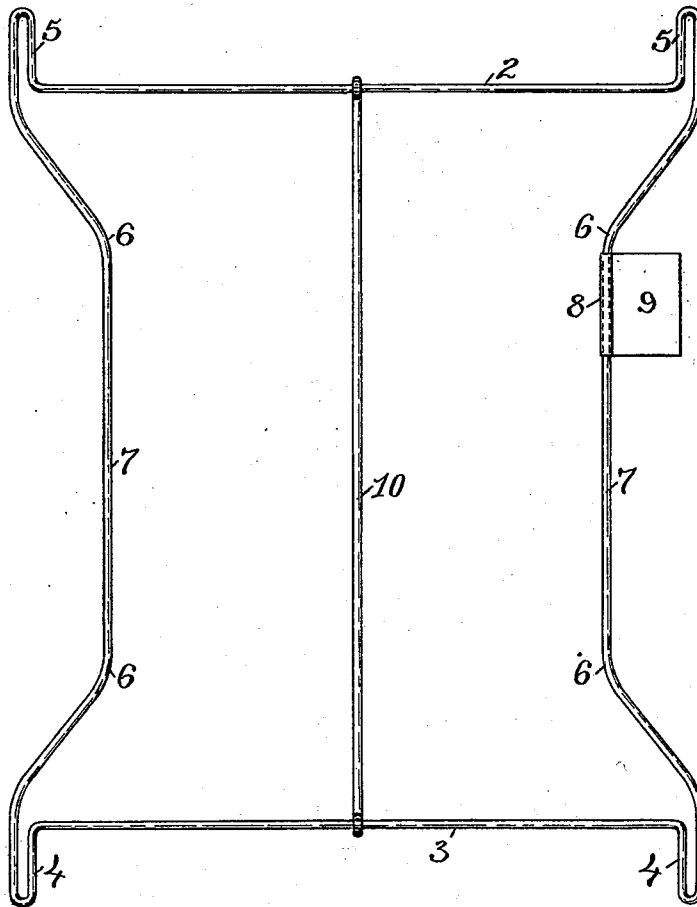


(No Model.)

F. A. PERKINS.
BRAID FRAME.

No. 506,130.

Patented Oct. 3, 1893.



WITNESSES:

Henry J. Miller
M. F. Baligh

INVENTOR:

Frank A. Perkins
by Joseph A. Miller & Co.
Attys.

UNITED STATES PATENT OFFICE.

FRANK A. PERKINS, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO HIMSELF
AND ALFRED M. QUICK, OF SAME PLACE.

BRAID-FRAME.

SPECIFICATION forming part of Letters Patent No. 506,130, dated October 3, 1893.

Application filed March 20, 1893. Serial No. 466,896. (No model.)

To all whom it may concern:

Be it known that I, FRANK A. PERKINS, of the city of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Braid-Frames; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

This invention has reference to improvements in devices for holding braid, &c., in condition for inspection and ready removal.

The object of the invention is to produce a light and convenient base for a braid package which shall be light and durable and adapted, when the packages are stacked on a counter, to protect the braid from contact with the same and consequent soiling.

The invention consists in the peculiar construction of the frame and such other novel features of construction and combination of parts as will hereinafter be more fully described and pointed out in the claim.

The drawing is a view of the improved frame.

Similar numbers of reference designate corresponding parts throughout.

Braid-boards, or the bases on which large braid packages have been formed, have heretofore been simply rectangular boards, which, if strong enough to endure more than a single use, must be constructed of thick material and of considerable weight. Having no side-guides the braid is irregularly wound thereon, and when stacked edgewise on the counter, or shelves, the braid turned over the lower edge comes in contact with the counter, or shelf, becoming soiled in a short time.

When the braid is removed from the bases these must be stored to await the arrival of a new consignment of braid, or be shipped to the braid manufacturer to be filled. In either case the weight and thickness are great objections, while the cost of renewing the supply of the bases is considerable.

My desire has been to produce a light and durable frame, to supplant the solid board, which shall be so constructed that when braid is wound thereon it may be stood on end with-

out allowing the braid to come in contact with the surface of the counter, or shelves, as well as to add to the frame a marking-tag, or plate, which also serves to secure the ends of the wire forming the frame.

In carrying my invention into effect I take a piece of wire, of sufficient length and having any desired cross-sectional shape, and form a frame by bending the wire, as shown in the drawing, in which 2 and 3 are the ends substantially parallel with each other. Continuing from the straight ends the wire is bent outward at right angles and then inward to form the loops 4—4 and 5—5, serving as feet, from the base of which the wire extends inward at an angle to the bends 6—6. Between these bends the wire forms the contracted sides 7—7 parallel to each other.

The ends of the wire are secured by a ferrule, or sleeve, 8 soldered thereto, and the metal of this ferrule may extend to form the marking-plate, or tag, 9 for indicating the manufacture or price of the braid. To further strengthen the frame I secure to the ends 2 and 3 the bent ends of the longitudinal-brace 10.

The device thus described forms a rigid and substantial frame for the purpose, and can be produced at a low cost. When filled with braid the loops 4—4 and 5—5 serve to hold the braid on the ends 2 and 3 and also act as feet to support the braid from contact with the counter, or shelf.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A braid-frame formed of bent-wire, consisting of the ends 2 and 3, the loops 4—4 and 5—5, the contracted sides 7—7, a sleeve 8, for securing the ends of the wire on one side having the laterally extending marking-plate 9, and the central longitudinal brace 10 secured to the ends of the frame, as and for the purpose described.

In witness whereof I have hereunto set my hand.

FRANK A. PERKINS.

Witnesses:

HENRY J. MILLER,
M. F. BLIGH.