

No. 712,623.

Patented Nov. 4, 1902.

A. WAHLE.

COMBINED HOOP AND LEG CLIP FOR TUBS, &c.

(Application filed Feb. 20, 1902.)

(No Model.)

Fig. 1.

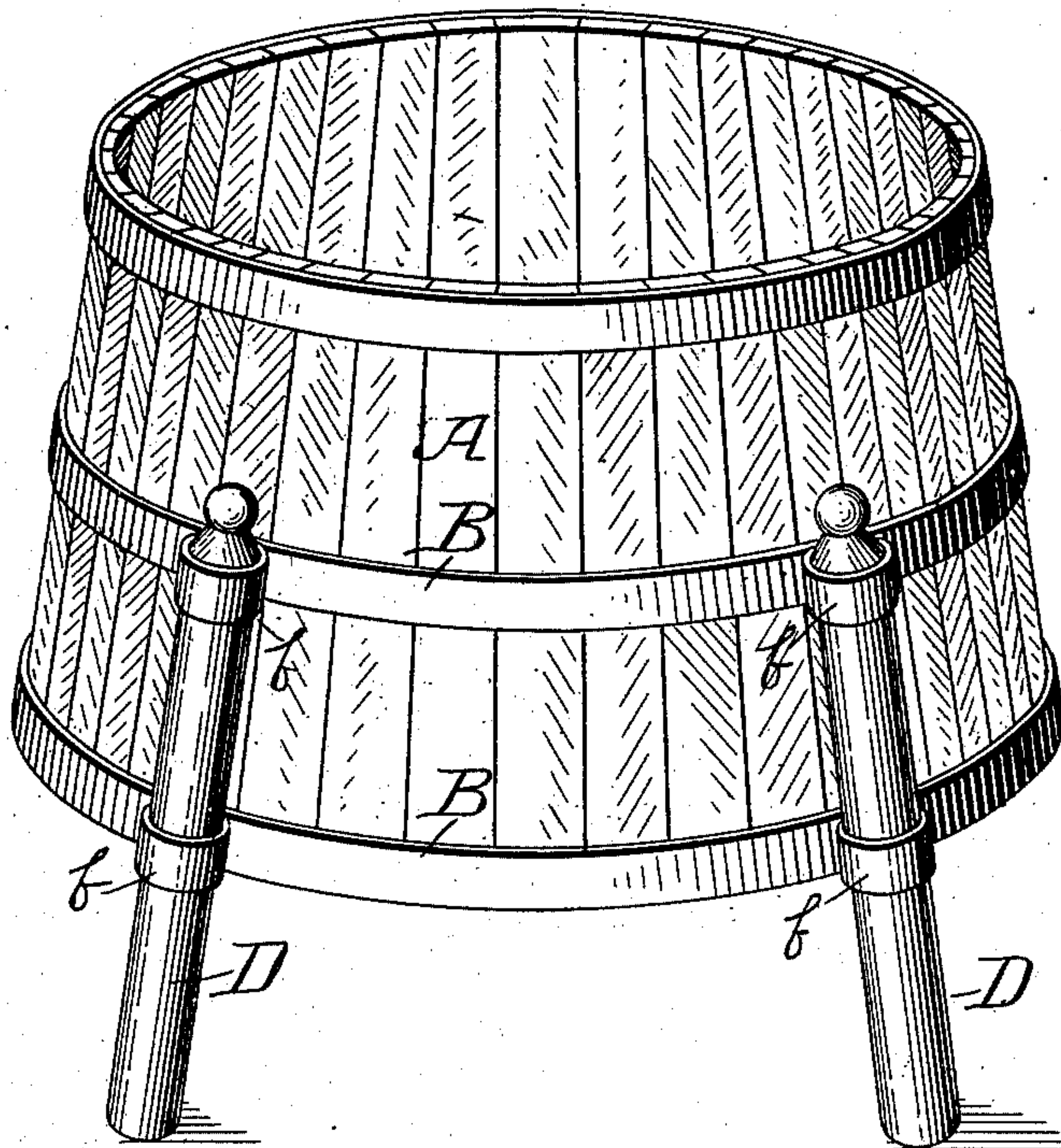


Fig. 2.

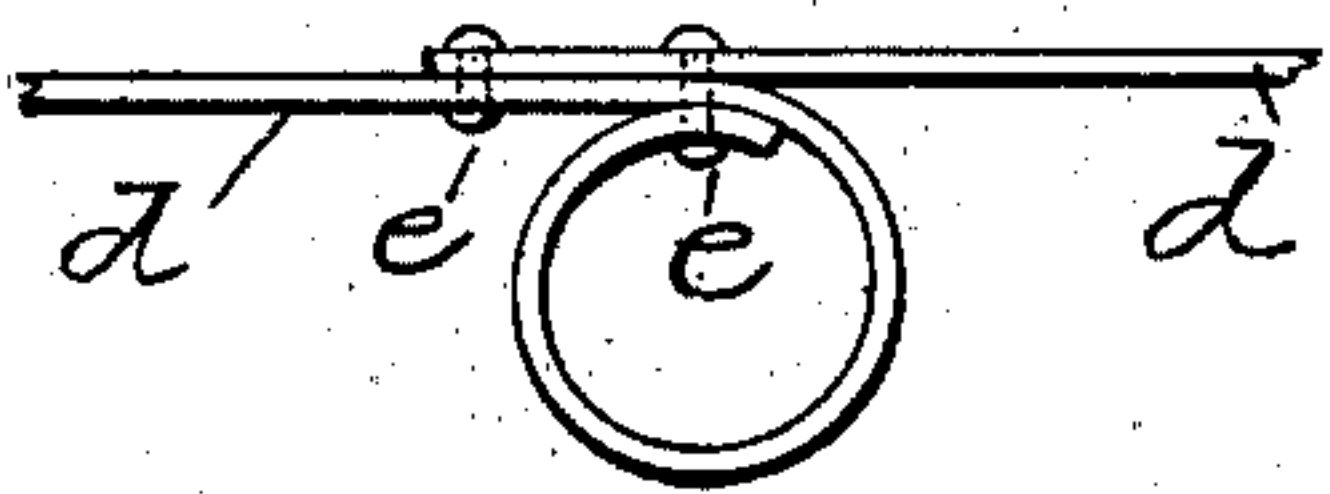


Fig. 3.

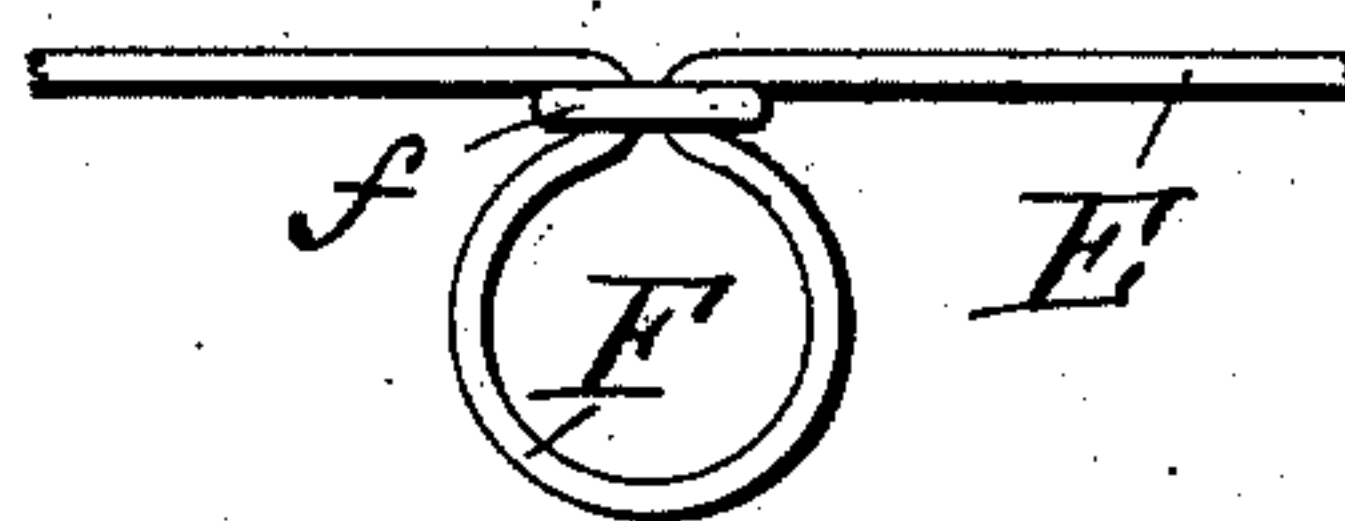


Fig. 4.

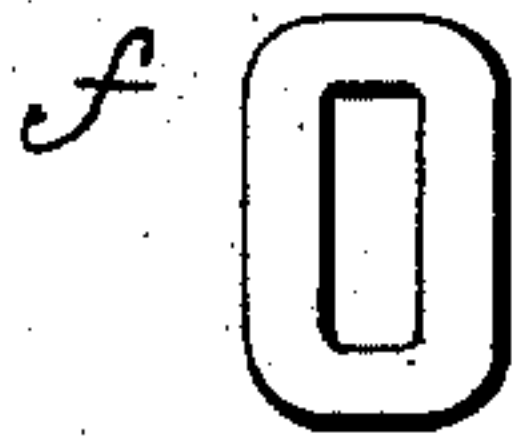


Fig. 5.

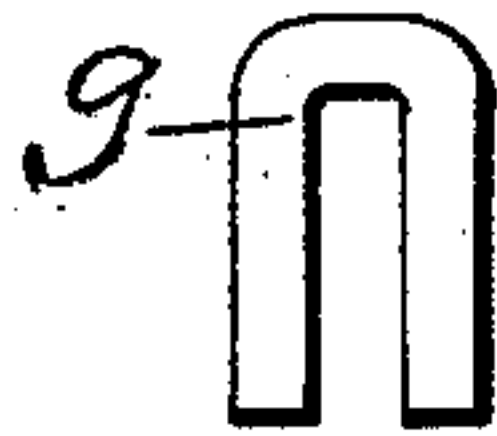


Fig. 6.

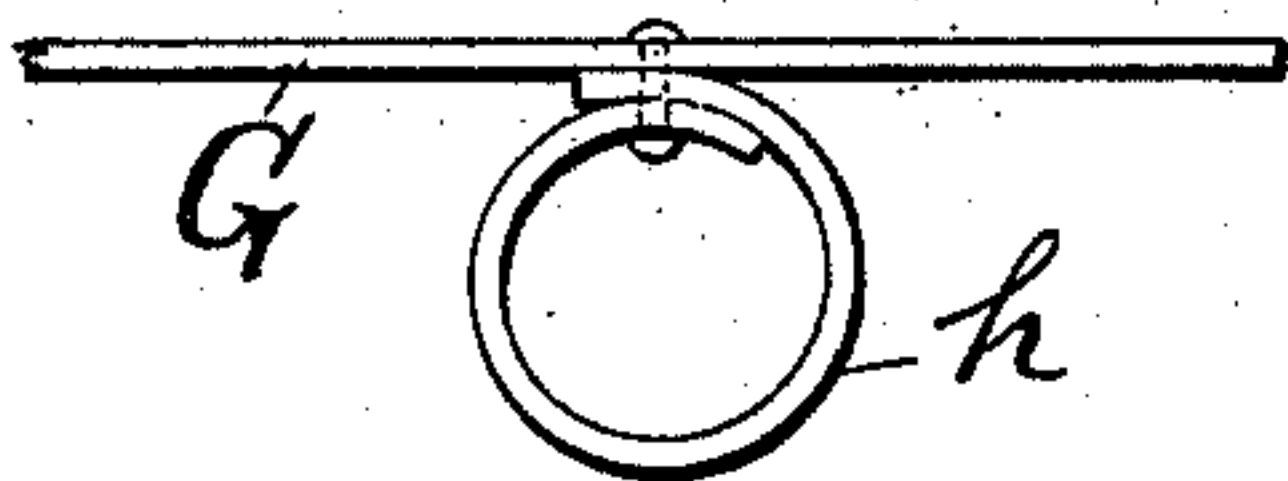
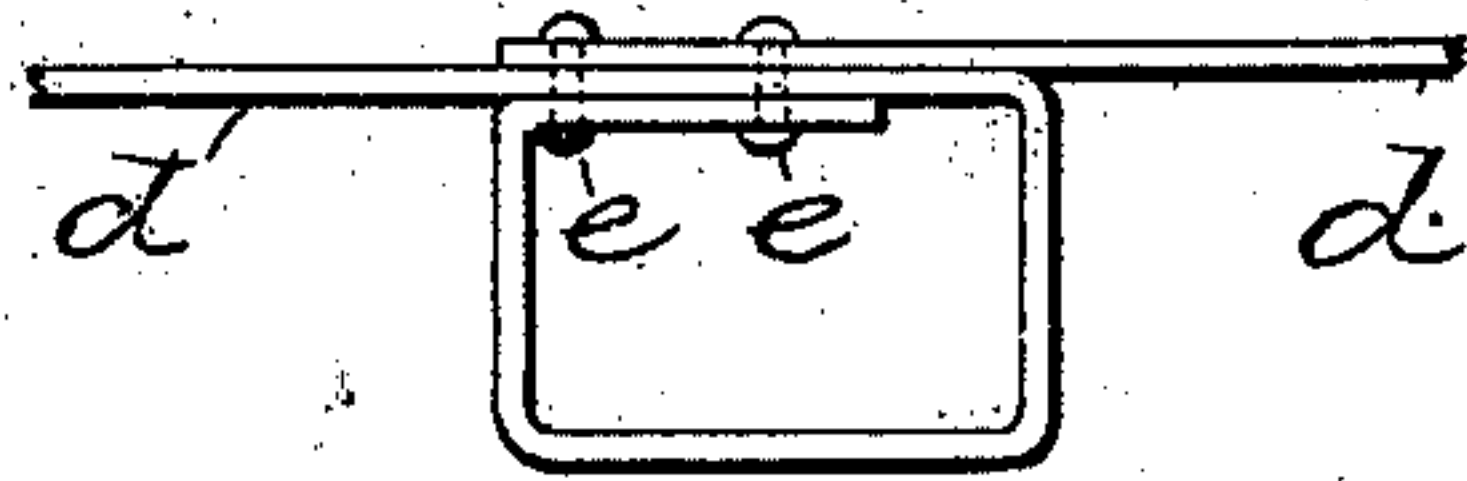


Fig. 7.



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UNITED STATES PATENT OFFICE.

ADOLPH WAHLE, OF DAVENPORT, IOWA.

COMBINED HOOP AND LEG-CLIP FOR TUBS, &c.

SPECIFICATION forming part of Letters Patent No. 712,623, dated November 4, 1902.

Application filed February 20, 1902. Serial No. 94,931. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH WAHLE, a citizen of the United States, and a resident of Davenport, in the county of Scott and State of Iowa, have invented certain new and useful Improvements in a Combined Hoop and Leg-Clip for Tubs, &c., of which the following is a full, clear, and exact description.

The object of my invention is to provide a simple, economical, and effective device to take the place of the legs now very extensively employed for supporting tubs, barrels, and other receptacles and which consists of simply extending several of the staves to a corresponding extent below the bottom of the receptacle. Heretofore this construction has been objectionable, because when the wood shrinks, as in hot weather, the staves loosen and the weight on the stave-legs causes them to get out of relative position to the other staves, and thus contribute to the general disintegration of the tub or receptacle.

My invention avoids this by the means hereinafter fully described, and as particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a tub embodying my invention. Fig. 2 is an edge view of a portion of the hoop having the leg-clip made integrant therewith. Fig. 3 is a top edge view of a modification of the same. Fig. 4 is a detail view of a link used in conjunction with the construction shown in Fig. 3. Fig. 5 is a detail view of a staple which can be substituted for said link. Fig. 6 is a top edge view of yet another detail. Fig. 7 is a similar view of another modification.

In the drawings, A represents a tub, B the two lower hoops for the same, and D D the legs for supporting it. These legs D consist of corresponding separate pieces or bars of wood of suitable design, either round or rectangular in cross-section, which have their upper ends secured to the tub by clips *b*, and these clips, which constitute the principal feature of my invention, are made integrant with and are a part of the hoops.

Any of the forms or constructions of the hoops shown in the drawings will answer the purposes of my invention, and while some are preferred to the others, yet I desire to be un-

derstood as claiming all of them as coming within the scope of my invention.

In Fig. 2 of the drawings a portion of either hoop B is shown. These hoops consist of several sections—say four—*d*, of hoop metal. In constructing the hoop these sections are arranged so that one end of one section overlaps the contiguous end of the other section and has the portion extending beyond the part thus engaged bent back over itself to form the clip *b*. In making the clip the extremity of the end portion *d* of each section is returned to and extended parallel to the overlapping portions of the sections and is secured to the same by one or more rivets *e*, employed to fasten said sections together. Clip *b* can be made circular, as shown in solid lines in Fig. 2 of the drawings, or rectangular, as shown in Fig. 7. In Fig. 3 of the drawings I show another modified construction of said clip. In this case I make the hoop E of one continuous piece of metal, but at regular intervals along its length a loop of the metal is drawn through a suitable link *f* and expanded into any shape desired to form a clip F. Instead of a link *f* a staple *g*, as shown in Fig. 5, may be used. The construction shown in Fig. 3 is a desirable one, for the reason that when there is a shrinkage of the tub by making the clip larger the slack of the hoop can be taken up.

In Fig. 6 I show yet another construction of my invention. This comprises a straight band of metal G, with clips *h* of suitable shape riveted or otherwise secured thereto at equal intervals apart.

What I claim as new is—

1. The combination with a suitable receptacle, of hoops or bands surrounding the same having clips made integrant therewith at intervals along its length, and legs adapted to be inserted and secured in said clips.

2. The combination with a suitable receptacle, of hoops surrounding the same provided with loops integral therewith at intervals along its length to form clips for securing the legs thereto, and said legs.

3. The combination with a suitable receptacle, of hoops surrounding the same provided with loops at intervals along its length to form clips, means for securing the ends of

said loops together, and legs adapted to be inserted and secured in said clips.

4. The combination with a suitable receptacle, of hoops surrounding the same provided
5 with integral loops at intervals along its length to form clips, means for securing the ends of said loops together and legs adapted to be inserted and secured in said clips.

5. The combination with a suitable receptacle,
10 of hoops consisting of several sections having loops formed at intervals along its length to form clips and legs adapted to be inserted and secured in said clips.

6. The combination with a suitable receptacle,
15 of hoops consisting of several sections connected together and formed into clips at

their ends and legs adapted to be inserted and secured in said clips.

7. The combination with a suitable receptacle, of hoops consisting of several sections,
20 one end of each section being adapted to lap the opposite end of the next section and extending beyond the point of engagement therewith and formed into clips, and legs adapted to be inserted and secured in said
25 clips.

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