(No Model.)

J. S. DINKEL.

HOOP FOR BOXES, &c.

No. 525,538. Patented Sept. 4, 1894.

Fig. 1.

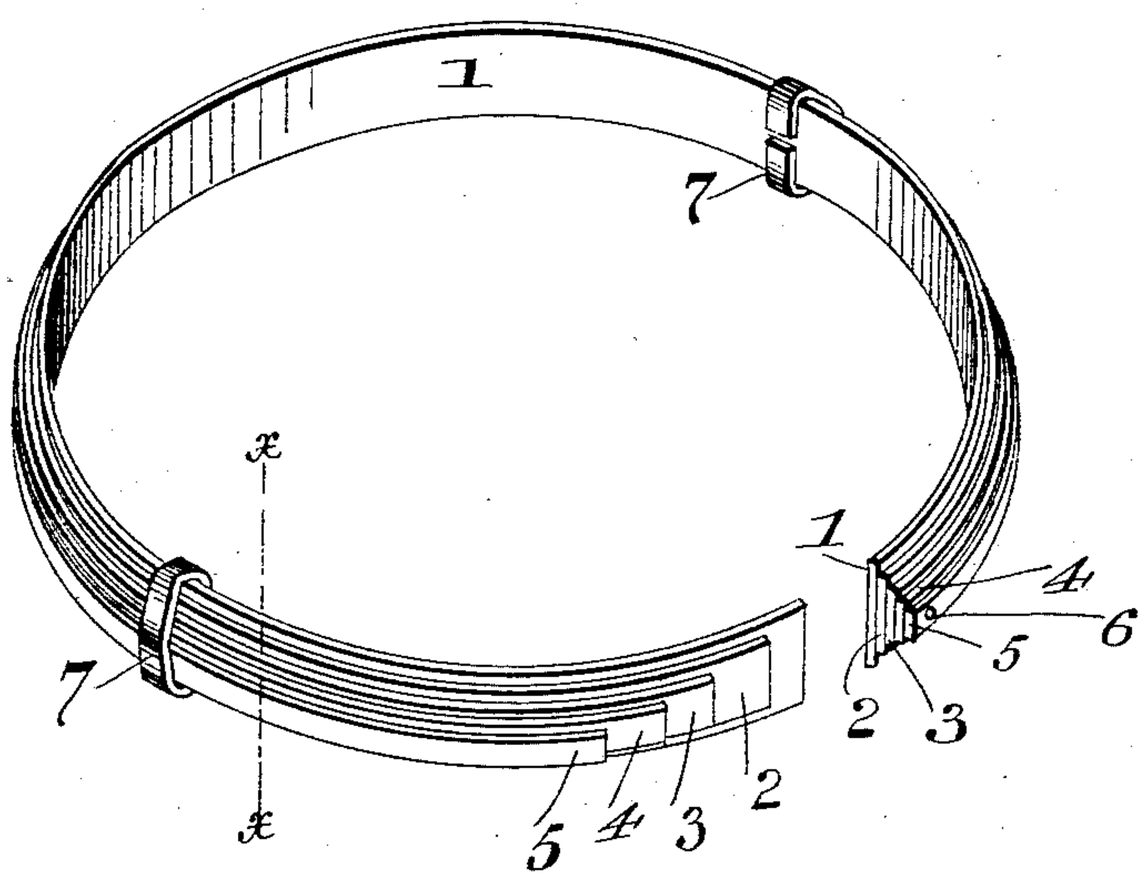


Fig. 2.

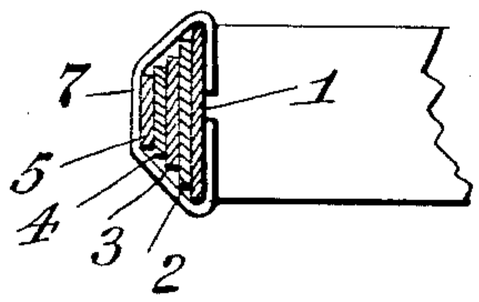
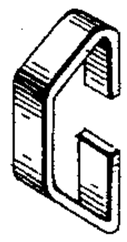


Fig. 3.



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UNITED STATES PATENT OFFICE.

JAMES S. DINKEL, OF LONGWOOD, FLORIDA.

HOOP FOR BOXES, &c.

SPECIFICATION forming part of Letters Patent No. 525,538, dated September 4, 1894.

Application filed May 14, 1894. Serial No. 511,192. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. DINKEL, a citizen of the United States, residing at Longwood, in the county of Orange and State of Florida, have invented certain new and useful Improvements in Hoops for Boxes, &c.; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention consists in a hoop for orange boxes, and for other boxes and barrels, which possesses decided practical advantages, and which will be hereinafter fully described and claimed.

Referring to the accompanying drawings, in which the same numerals of reference indicate corresponding parts in the several figures: Figure 1 is a perspective view of my invention. Fig. 2 is a cross sectional view, taken near one of the binding clips. Fig. 3 is a detail view.

My novel hoop is formed of two or more thin strips of wood either veneered, or sawed, or cut, which are bound together in the following manner:—In the drawings I have shown the hoop formed of five long thin strips of suitable wood, the inner strip, 1, being here three-fourths of an inch wide, the next strip, 2, being five-eighths of an inch wide, and the next strip, 3, one-half inch wide, while the two narrow outer strips, 4, 5, form the crown of the hoop, as will be readily understood by reference to the sectional view, Fig. 2. These thin flexible strips are secured together at one end, at 6, by a tack or other similar retaining device, 7, and the narrow tin clips 8 are bent around the strips at suitable distances apart, to hold the hoop-strips together.

From the foregoing description, taken in connection with the accompanying drawings, the construction of my novel hoop will be readily understood. These thin strips thus secured together form a hoop which is far more flexible than a solid wooden hoop, as I have found by practical experiment. They are exceedingly simple and inexpensive in their construction, and very convenient and satisfactory in use. One advantage of this construction is, that by soaking one of these hoops for twenty minutes in water, the thin wooden strips of which it is composed soak through rapidly and the hoop can then be easily bent around small or sharp corners without breaking or any damage to the hoop. By leaving the ends of the strips at one end of the hoop, at 9, free, the hoop will readily adjust itself around any size box or barrel, as the strips have a slight longitudinal movement, as will be readily understood.

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

1. A hoop for orange boxes, &c., consisting of a series of thin longitudinal strips fitting flat one upon the other and secured together at one end, leaving their other ends free, substantially as and for the purpose set forth.

2. A hoop for orange boxes, &c., consisting of a series of thin longitudinal strips fitting flat one upon the other, secured together at one end, having their other ends free, and having clips secured around them which permit of their longitudinal movement, substantially as set forth.

3. A hoop formed of a series of thin longitudinal strips decreasing in width from the inner to the outer strip, and suitably bound together; substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES S. DINKEL.

Witnesses:
D. C. HULL,
B. B. BARCO.