

(No Model.)

O. M. POND.

WIRE HOOP FOR BARRELS.

No. 372,638.

Patented Nov. 1, 1887.

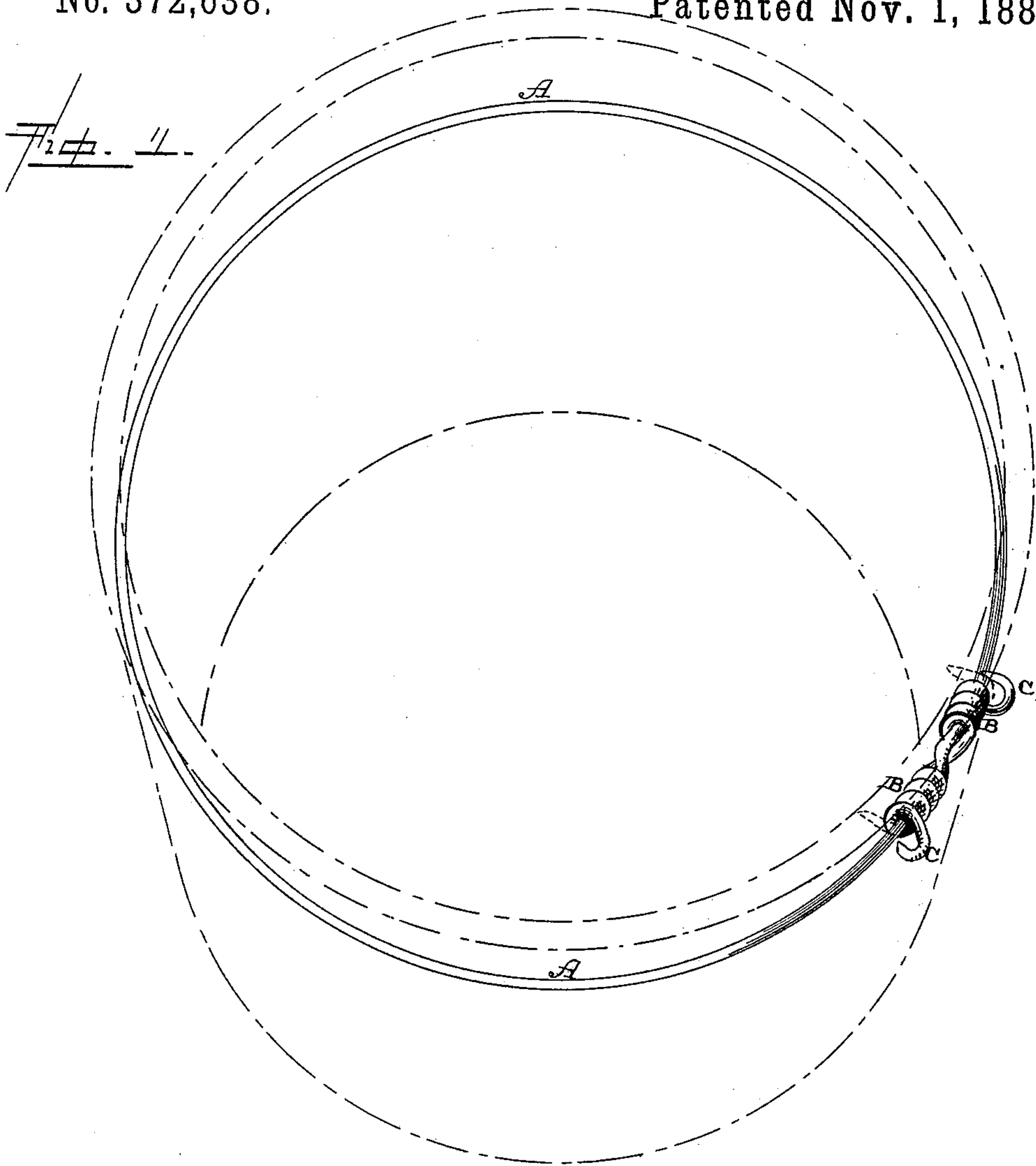
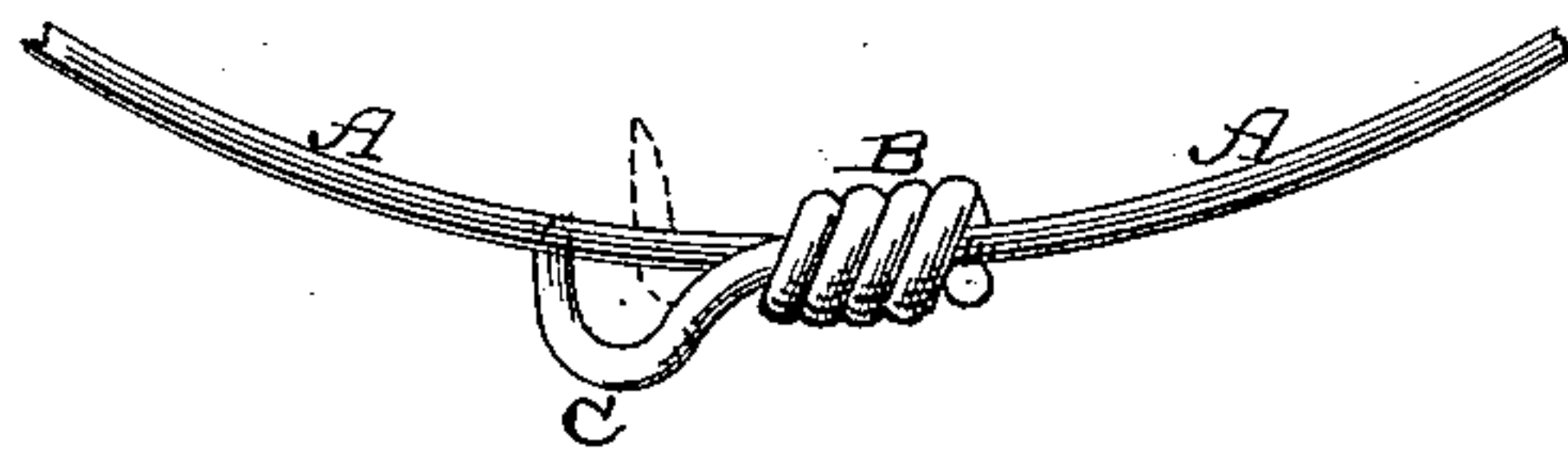


Fig. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

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WIRE HOOP FOR BARRELS.

SPECIFICATION forming part of Letters Patent No. 372,638, dated November 1, 1887.

Application filed August 29, 1887. Serial No. 248,180. (No model.)

To all whom it may concern:

Be it known that I, ORLANDO M. POND, of Independence, in the county of Buchanan and State of Iowa, have invented certain new and
5 useful Improvements in Wire Hoops for Barrels, Buckets, &c.; and I do hereby 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 pertains to make
10 and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in wire hoops for barrels, buckets, &c.; and it
15 consists of a wire hoop having its ends twisted securely together, and having one or both of its ends bent so as to form a hook, the ends extending toward the center of the hoop, but just even with or slightly outside of the inner
20 surface of the coil or twist or the wire itself, all of which will be more fully described hereinafter.

The object of my invention is to provide a hoop which is made from a single piece of
25 wire, having its ends twisted securely together in such a manner that the hoop will not expand when being forced upon the barrel, and to bend the ends, as hereinafter described, so that they may not interfere in any manner with
30 the driving or pressing of the hoop into the desired position, and that they may be driven into the barrel after the hoop has been forced into place.

Figure 1 is a perspective of a hoop embodying my invention. Fig. 2 is a plan view of a
35 modification.

In forming this hoop A the two ends are twisted together, preferably by the means shown in Fig. 1, which consists of the two coils
40 B. Instead of the two coils or twists B, however, if deemed desirable, but one coil, A, may be made, as shown in Fig. 2. Either of the above forms of twist holds the hoop securely against slipping or expansion when being
45 forced into position upon the barrel or bucket. The ends of the wire are bent into the hooks C, which extend outward at right angles to the circle of the hoop, and have their extreme ends to extend inward just even with or
50 slightly in the rear of the inner surfaces of the two coils B, as shown in Fig. 1, or just even

with or slightly outside of the inner surface of the hoop itself, as shown in Fig. 2. By having the ends of the hooks C even with or in the rear of the coil or hoop itself, as shown, the
55 hoop can be driven or pressed upon the barrel to any desired degree without the points interfering in the least by coming in contact with the barrel, as has been the case in wire hoops constructed for this purpose heretofore.
60 By combining the rigid coil or coils B and the hooks C, I overcome all of the objections to which wire hooks as before constructed are subjected. Neither the coil nor the hook is effected in any manner, no matter how great
65 a strain is brought upon them, when being driven or pressed into position, and as the hooks extend at right angles to the circle of the hoop but one blow of a hammer is required to compress the hooks C and drive the points
70 into the object, when the hoop is held securely against slipping off or becoming loose in any manner.

As the wire is held securely against any expansion, it will not be necessary to form grooves
75 in the barrel or bucket around which it is being placed in order to hold it in the desired position around the barrel while it is being drawn tight and the points being driven in, as has been necessary heretofore.
80

Having thus described my invention, I claim—

1. A wire hoop having its ends securely fastened together by one or more coils or twists, and having one or both of its ends
85 formed into hooks extending outward therefrom, the ends of which extend inward, so as to be driven into the barrel around which it passes, substantially as and for the purpose shown and described.
90

2. A wire hoop having the rigid coils B and the hooks C, the ends of the hooks extending inward just flush with or slightly outside of the inner surface of the hoop, substantially as
95 set forth.

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

ORLANDO M. POND.

Witnesses:

H. W. HOVEY,
E. A. GRIMWOOD.