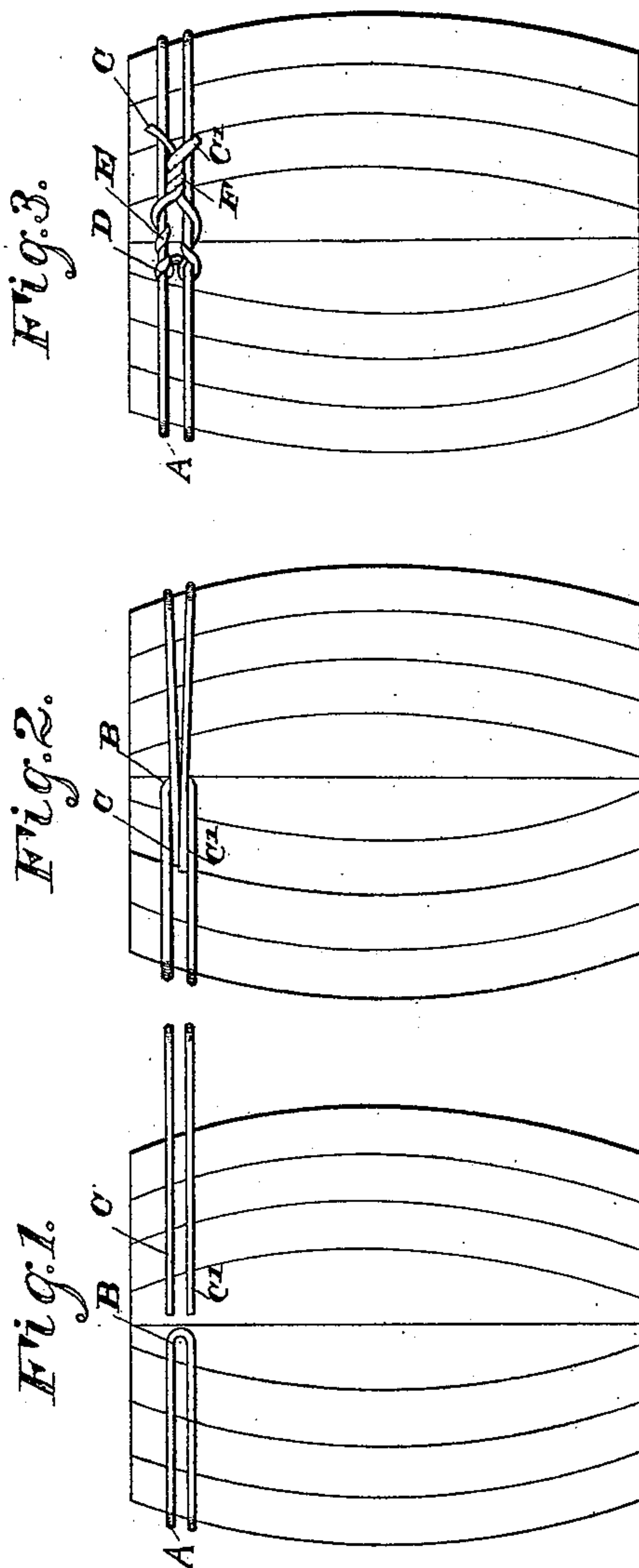


(No Model.)

J. M. CONWAY.
BARREL HOOP.

No. 441,645.

Patented Dec. 2, 1890.



Witnesses

B. S. Ober
Geo. L. Wheelock

Inventor

James M. Conway.

By *his* Attorneys,

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UNITED STATES PATENT OFFICE.

JAMES M. CONWAY, OF SPRING GARDEN, VIRGINIA.

BARREL-HOOP.

SPECIFICATION forming part of Letters Patent No. 441,645, dated December 2, 1890.

Application filed June 12, 1890. Serial No. 355,263. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. CONWAY, a citizen of the United States, residing at Spring Garden, in the county of Pittsylvania and State of Virginia, have invented a certain new and useful Improvement in Hoops for Barrels, Buckets, Hogsheads, &c., of which the following is a specification.

My invention relates to a hoop constructed of wire; and it consists of certain features of novelty, to be hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation showing the double wire being passed around a barrel. Fig. 2 is a similar view showing the ends of the wire overlapping and ready to be passed through the loop. Fig. 3 is a side elevation of a barrel with my improved hoop applied thereto.

The hoop A is made from wire of sufficient length that when doubled to form a loop B, as shown in Fig. 1, it will reach around the vessel to be hooped, and the ends C C' will lap over the loop, as shown in Fig. 2. The ends are turned over the central loop or bend on each side of and as near the center as practicable from the outside inward, as at D, and are then turned back and each end wrapped two or three times around the part immediately connected with the same, as at E, as shown in Fig. 3, wrapping from the outside to the inside. Having done this, the ends are firmly twisted together, as at F, and

smoothed down. Strong and tough wire is employed that will bend and twist without breaking. This hoop made of double wire far surpasses the ordinary wooden and metal hoops, as it is stronger, lighter in weight, and can be made at less cost; also, as the hoops are so light, the cost of handling and transporting will be much lower than the ordinary hoops.

What I claim is—

1. A barrel-hoop consisting of a single piece of wire doubled to form a loop and bent around the barrel and having the ends of the wire engaging the loop and secured by twisting them upon themselves, substantially as described.

2. A hoop for vessels, consisting of a doubled or bent wire having a loop, the ends of said wire being bent around said loop upon themselves and twisted around their immediate attached portions, substantially as and for the purpose set forth.

3. A hoop for vessels, consisting of a doubled or bent wire having a loop, double twists E, and a single twist F, made by bending the ends around said loop and winding them around their immediate attached portions and then twisting them upon each other, substantially as and for the purpose set forth.

JAMES M. CONWAY.

Witnesses:

ALEXANDER CARSON CONWAY,
JOHN WALLER BOSWELL.