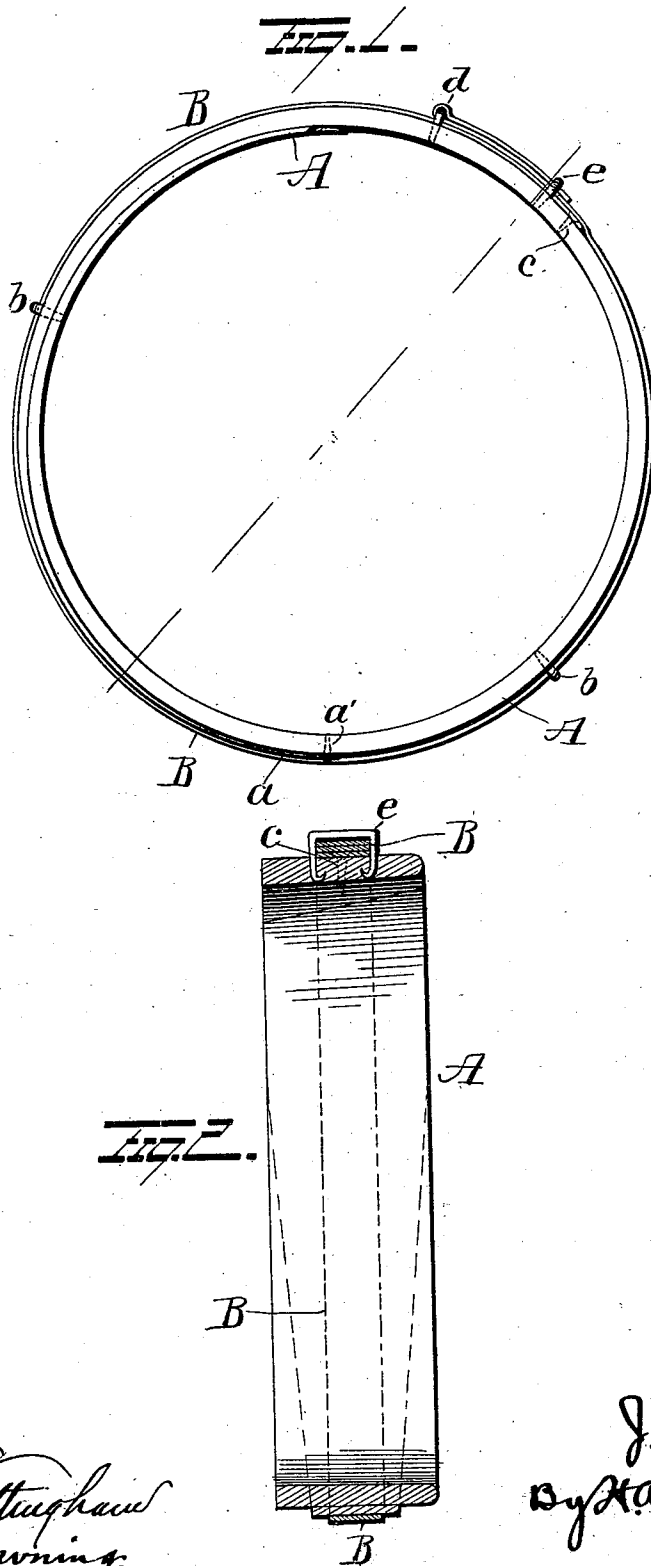


(No Model.)

J. KORMAN.
HOOP FOR BARRELS.

No. 511,439.

Patented Dec. 26, 1893.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN KORMAN, OF MINNEAPOLIS, MINNESOTA.

HOOP FOR BARRELS.

SPECIFICATION forming part of Letters Patent No. 511,439, dated December 26, 1893.

Application filed March 15, 1893. Serial No. 466,102. (No model.)

To all whom it may concern:

Be it known that I, JOHN KORMAN, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Hoops; 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 appertains to make and use the same.

My invention relates to an improvement in hoops for barrels, and particularly to such as are used on flour barrels,—the object of the invention being to produce a strong and durable double hoop.

A further object is to provide a wooden hoop for a barrel, having a metallic hoop thereon and secured thereto in an efficient manner.

A further object is to provide a wooden hoop with a metal hoop or band and to provide simple and efficient means for fastening the ends of the metallic hoop or band.

A further object is to provide simple means for securing the ends of a metallic hoop or band on a wooden hoop without the use of a buckle.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings: Figure 1 is a view illustrating my improved double hoop. Fig. 2 is a section through the fastening device of the metallic hoop or band.

A represents a wooden hoop, preferably having its overlapping end *a* secured by means of a staple *a'*. Encircling the wooden hoop *A*, is a metallic band or hoop *B*, which is preferably secured to the wooden hoop *A*, at various points, *b, b*, by means of fastening devices, such as staples. One extremity of

the metallic band or hoop *B* is secured to the wooden hoop *A*, by means of a pin or tack *c*, and two staples *d, e*, are driven into the wooden hoop in proximity to the fastened end thereof. Before the staples *d, e*, are driven to their full extent, the other or free end of the metallic band or hoop *B* is passed under them and looped about the staple *d* and then inserted under the staple *e*,—after which said staples are driven to their full extent. The construction and arrangement completes very simple and efficient fastener for the ends of the metallic band or hoop, and avoids the use of a buckle.

A hoop constructed as above set forth is very simple, strong, and efficient, in all respects, in the performance of its functions.

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

1. The combination with a wooden hoop, of a metallic band encircling the wooden hoop and secured directly thereto, and a staple beneath which the free end of the band is inserted, said free end bent backward over the band and fastened, substantially as set forth.

2. The combination with a hoop the ends of which are secured together, of a band encircling the hoop, one end of the band secured to the hoop, a staple straddling the band and beneath which the free end of the band is passed, said free end bent backward, and a staple secured over the extreme free end of the band whereby it is held down securely in place, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN KORMAN.

Witnesses:

R. H. BRENT,
JOHN KORMAN, Jr.