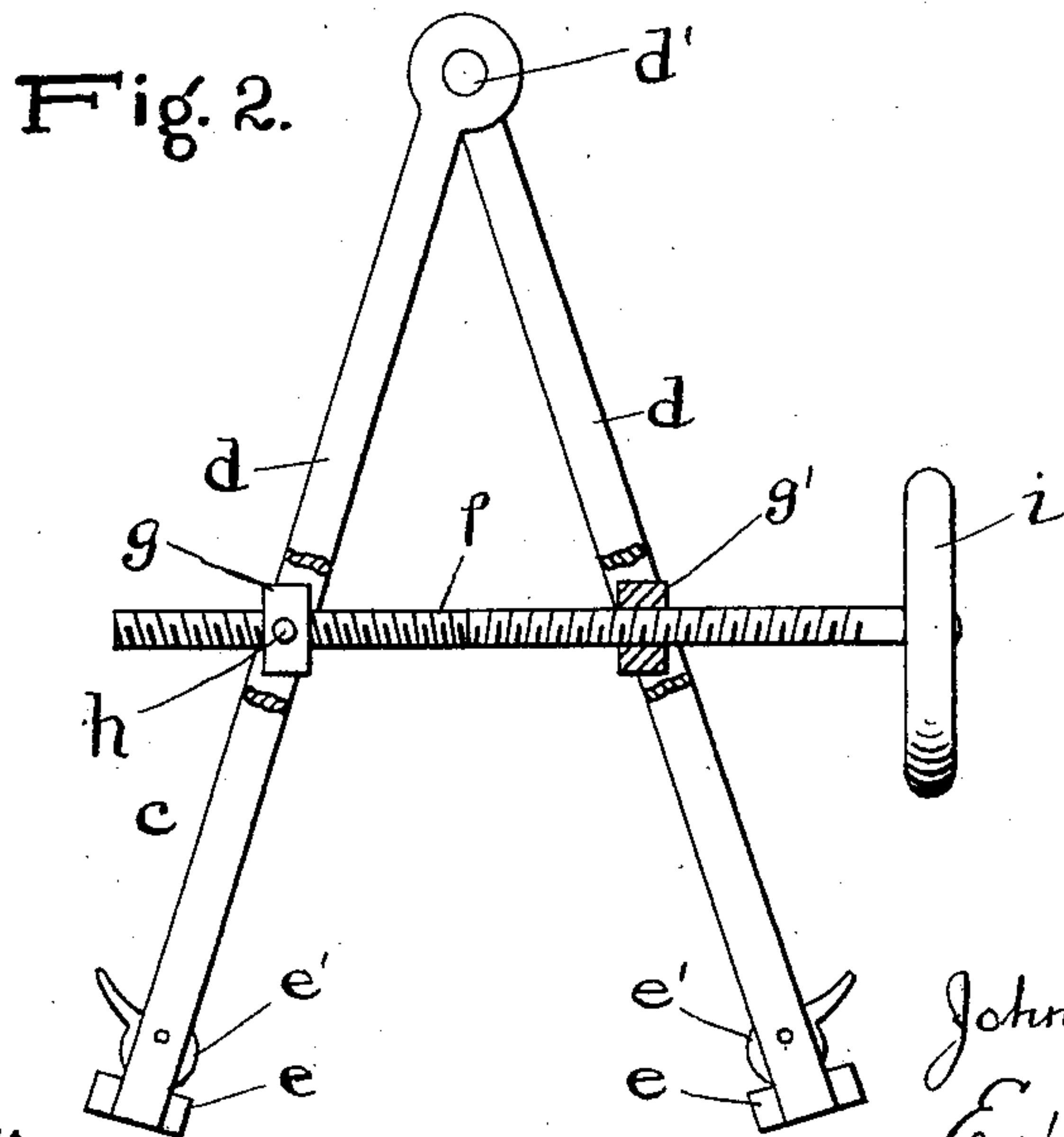
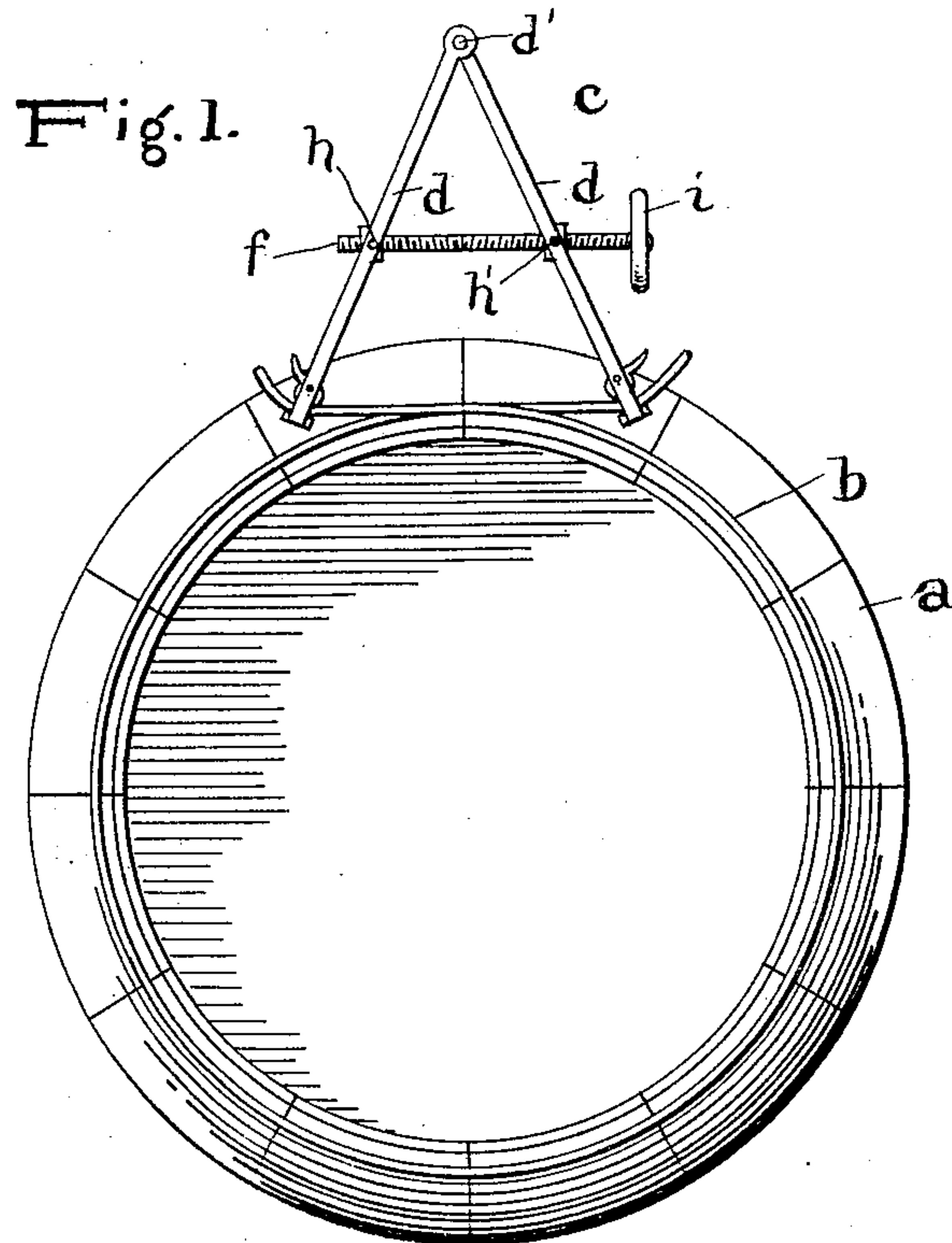


J. GILMOUR.  
 DEVICE FOR APPLYING HOOPS TO CASKS.  
 APPLICATION FILED OCT. 14, 1908.

920,731.

Patented May 4, 1909.



Witnesses

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334

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# UNITED STATES PATENT OFFICE.

JOHN GILMOUR, OF OWENSBORO, KENTUCKY.

## DEVICE FOR APPLYING HOOPS TO CASKS.

No. 920,731.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed October 14, 1908. Serial No. 457,660.

*To all whom it may concern:*

Be it known that I, JOHN GILMOUR, a citizen of the United States, resident of Owensboro, in the county of Daviess and State of Kentucky, have made a certain new and useful Invention in Devices for Applying Hoops to Casks; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of the invention as applied. Fig. 2 is a side view of the invention on a larger scale and partly broken away.

The invention has relation to a device for applying wire hoops to casks, and particularly to tobacco hogsheads, in a simple and expeditious manner, and it consists in the novel construction and combinations of parts as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a*, designates the hogshead and *b*, the hoop surrounding the same at one end portion thereof.

*c*, represents the invention, which consists of a pair of arms *d*, *d*, pivoted together at one end thereof at *d'*, and having at their opposite ends clamping means for the end portions of the wire hoop, such means consisting of a base or rest *e*, and a cam device *e'*, the wire end being passed between the rest and the raised cam device, which latter is then turned to press the wire end against such rest and securely hold it against displacement.

In the use of the invention the hoop is passed around the hogshead and the lapping

end portions of the hoop running in opposite directions engaged and secured between the rests and cam devices of the two arms aforesaid. In order to tighten the hoop in place upon the hogshead a right and left screw threaded rod *f*, is employed, said rod having threaded engagement at opposite end portions thereof with right and left screw threaded pivotal blocks *g*, and *g'*, said blocks having journal bearings at *h*, and *h'*, with the arms *d*, *d*, intermediately of the length thereof and being thus carried thereby. Upon rotation of the screw rod by means of its handle *i*, the two arms *d*, *d*, may be spread apart to exert a strain in opposite directions upon the end portions of the hoop. When the requisite tightening of the hoop is accomplished the device is given a one-half turn and the end portion of the hoop secured to the hogshead by staples, when the operation is completed, it only remaining to release the cam devices *e'*, *e'*.

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

In a device for the purpose described, a pair of arms having pivotal connection at one end thereof, clamping means for the end portions of the hoop at the opposite ends of said arms, right and left screw-threaded pivotal blocks, journal bearings therefor in said arms intermediately of the length thereof, and a right and left threaded screw-lever engaging said blocks.

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

JOHN GILMOUR.

Witnesses:

C. D. RALPH,  
W. F. DELL.