

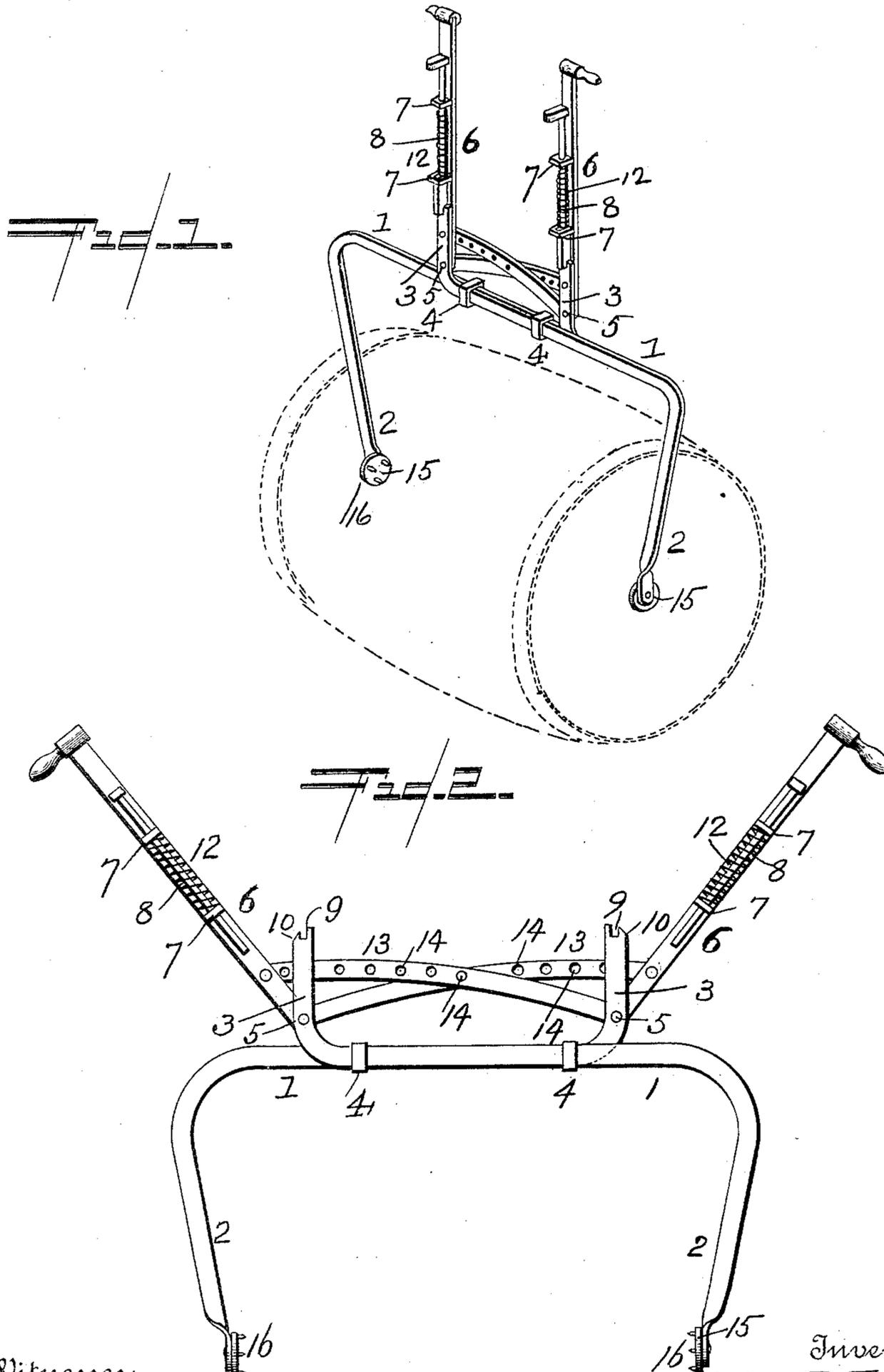
(No Model.)

A. B. VAAG.

ADJUSTABLE HOOK FOR CLAMPING BARREL HEADS.

No. 467,784.

Patented Jan. 26, 1892.



Witnesses:  
*J. L. Coombs*  
*F. L. Orvand*

Inventor:  
*Anton B. Vaag,*  
*J. J. Sauer & Co.*  
Attorneys

# UNITED STATES PATENT OFFICE.

ANTON B. VAAG, OF HILLSBOROUGH, NORTH DAKOTA.

## ADJUSTABLE HOOK FOR CLAMPING BARREL-HEADS.

SPECIFICATION forming part of Letters Patent No. 467,784, dated January 26, 1892.

Application filed September 28, 1891. Serial No. 407,030. (No model.)

*To all whom it may concern:*

Be it known that I, ANTON B. VAAG, a citizen of the United States, and a resident of Hillsborough, in the county of Traill and State of North Dakota, have invented certain new and useful Improvements in Adjustable Hooks for Clamping Barrel-Heads; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in adjustable hooks for clamping the heads of barrels, whereby they may be moved from place to place with ease and facility.

In the accompanying drawings, Figure 1 is a perspective view of my improved hook or clamp, showing it engaged with a barrel. Fig. 2 is an elevation of the same, showing the clamping jaws or hooks distended.

The invention consists, essentially, of two metallic bars, each comprising a horizontal portion, a downwardly-extending hook or clamp, and an upwardly-projecting arm, to the latter of which are pivoted operating levers or handles provided with spring-actuated pins which engage with the end of the upwardly-projecting arms, said levers being also provided with adjustable lateral arms pivoted thereto. The horizontal portions of the said bars are also provided with fixed loops, one of the bars passing freely through the loop of the other bar, so that said bars when placed side by side are slidable or movable upon each other. The ends of the clamping-hooks are provided with rotatable disks having a series of projections or pins which fit into the barrel-head.

The invention thus briefly outlined in the above description will now be described with reference to the drawings, in which—

The reference-numeral 1 designates the metallic bars, each having a downwardly-extending clamping-hook 2 and an upwardly-projecting arm 3.

The numeral 4 denotes the loops or metallic straps, one of which is securely affixed to each of the arms 1, so as to loosely embrace the same and permit them to slide upon each other.

Pivoted to the arms 3 at 5 are levers 6, provided with lugs 7 upon one side, through which work spring-actuated pins 8, having their inner ends notched, so as to engage with corresponding notches 9 in the ends of the arms 3, which are also beveled at 10, so that said pins will ride over the same, a coiled spring 12 encircling said pins intermediate of the lugs and forcing the notched ends thereof into engagement with the notches in the said arms.

Connected with the pivots 5 of each of the levers 6 is a lateral arm 13, the other end of which is pivoted to the opposite lever above the pivot 5. These arms are also provided with a series of holes 14, whereby they may be adjustably connected with the levers.

The ends of the clamping-hooks are provided with pivoted disks 15, having inwardly-extending pins or projections 16, which engage with the barrel-heads.

The operation will be readily understood. To clamp a barrel, the pins 8 are disengaged from the notches in the arm 3 by pulling them upward, when by means of the levers or handles and the lateral arms the bars 1 are caused to slide upon each other, distending the clamping hooks or jaws, as seen in Fig. 2. The device is now engaged with the barrel-heads, as seen in Fig. 1, and the levers or handles forced inward, causing the clamping-jaws to be advanced toward each other, and the pins of the rotatable disks entering the wood of the barrel-head, so that by pulling upon the levers the barrels can be rolled from place to place. The notched pins engaging with the notched ends of the arms 3 will prevent accidental distention of the clamping-jaws.

Having thus described my invention, what I claim is—

1. An adjustable barrel-clamp comprising the bars movable upon each other, having downwardly-extending hooks and upwardly-extending arms, the disks having pins pivoted to the ends of said hooks, the levers pivoted to the upwardly-projecting arms, and the lateral arms pivoted to said levers, substantially as described.

2. An adjustable barrel-clamp comprising the bars having loops movable upon each other, provided with upwardly-projecting

arms and downwardly-extending arms having rotatable disks with inwardly-extending pins or projections, levers pivoted to said arms, and lateral arms having a series of holes pivoted to said levers, substantially as described.

5 3. An adjustable barrel-clamp comprising the bars having loops movable upon each other, provided with upwardly-projecting arms having notched and beveled ends, upwardly-extending arms having rotatable disks  
to with inwardly-projecting pins, levers pivoted

to said arms, the notched spring-actuated pins engaging with the said notches, and the adjustable lateral arms pivoted to the levers, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

ANTON B. VAAG.

Witnesses:

JORGEN HOWARD,

J. D. MUNROE.