(No Model.)

R. GARRETT.

SADDLE JACK.

No. 424,674. Patented Apr. 1, 1890.

Fig 2

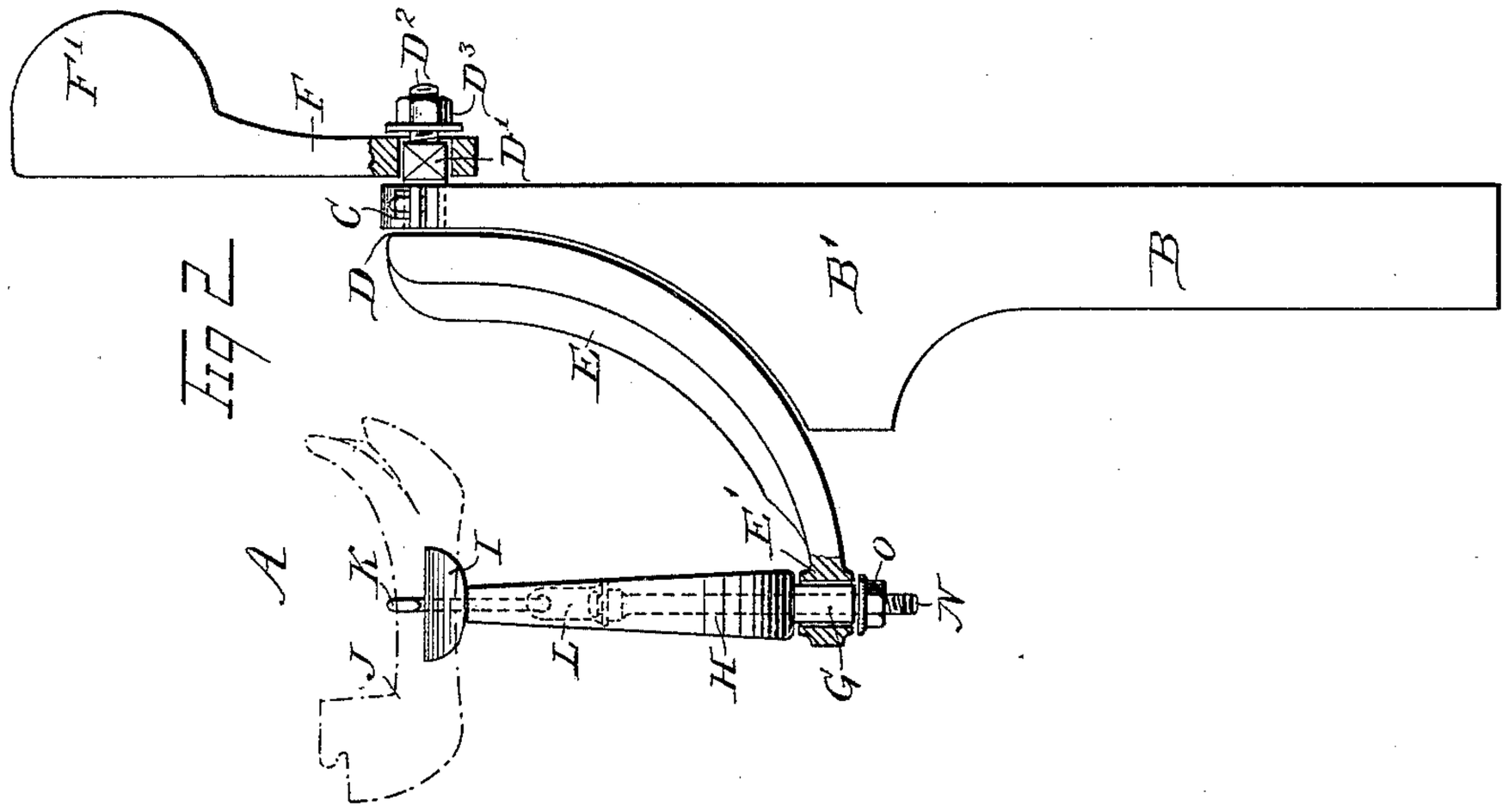
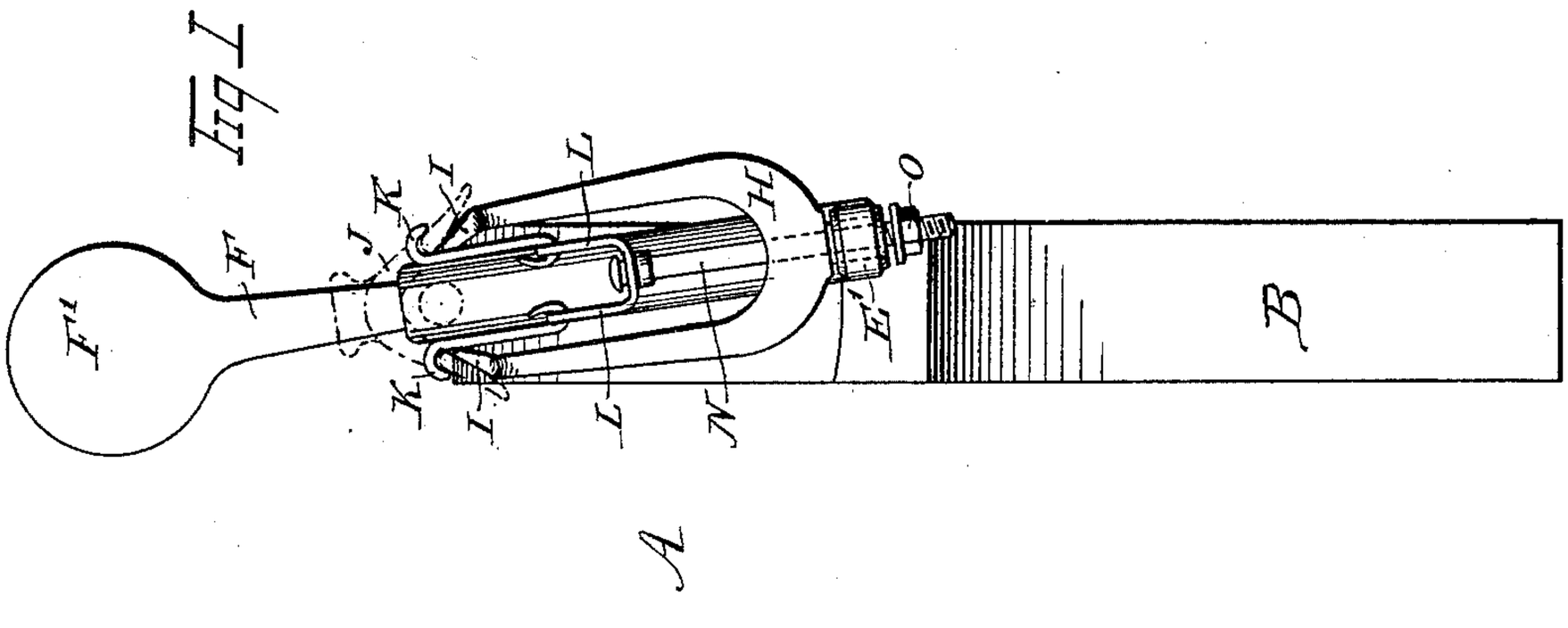


Fig 1



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RICHARD GARRETT, OF HICO, TEXAS.

SADDLE-JACK.

SPECIFICATION forming part of Letters Patent No. 424,674, dated April 1, 1890.

Application filed July 17, 1889. Serial No. 317,795. (No model.)

To all whom it may concern:

Be it known that I, RICHARD GARRETT, of Hico, in the county of Hamilton and State of Texas, have invented a new and Improved Saddle-Jack, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved saddle-jack which is simple and durable in construction and serves to support the saddle-tree while the operator covers the latter and finishes the saddle.

The invention consists of certain parts and details and combinations of the same, as will be hereinafter fully described, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a front view of the improvement, and Fig. 2 is a side elevation of the same with parts in section.

The improved saddle-jack A is provided with a post B, adapted to be secured by suitable means to a work-bench or other place. In the upper end of the post B is formed a journal C, in which is mounted to turn a pin D, rigidly connected at its front end with a segmental arm E, the back of which fits on a correspondingly-shaped front edge B′ of the post B. The rear end of the pin D is provided with a square part D′, on which is held an upwardly-extending arm F, provided near its upper end with a weight F′. From the square part D′ of the pin D projects a bolt D^2, on which screws a nut D^3, serving to hold the arm F in place on the square part D′ of the pin D.

The lower front end of the segmental arm E is provided with a bearing E′, in which is mounted to turn a trunnion G, supporting an upwardly-extending U-shaped post H, provided on its free upper ends with longitudinally-extending plates I I, adapted to support the saddle-tree J, the inside of which fits on the outer surface of the said plates I. The latter are preferably made to correspond to the shape of the inside of the saddle-tree, and the saddle-tree is securely held in place on the post H by a clamping device, preferably of the construction shown in the drawings, in which the saddle-tree is engaged by hooks K, connected with the ends of a U-shaped plate L, pivoted on the upper end of a bolt N, passing through the hollow trunnion G, and provided on its lower end with a nut O, adapted to screw against the lower end of the said trunnion G, so as to securely tighten the hooks K on the saddle-tree J, thus pressing the latter in firm contact with the plates I.

The weighted arm F serves to counterbalance the segmental arm E and the post H, so that when the saddle-tree J is in place on the post H the latter can be conveniently turned on its trunnion G on the lower end of the arm E, and the latter, with the post H, can be swung either to the right or left, the counterbalancing-arm F holding it in position. Thus the operator is enabled to turn the saddle-tree J in any desired direction, in order to perform the work of covering and otherwise finishing the saddle.

The saddle-tree J is supported in such a manner on the post H, being held in place by the clamps, as to enable the operator to finish the entire saddle without once removing the saddle-tree from the saddle-jack. By thus conveniently supporting the saddle on the saddle-jack it is not injured, as would otherwise be the case if operated on the bench as was heretofore done.

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

1. In a saddle-jack, the combination, with a support, of a post having a hollow trunnion and carrying a saddle-tree support on its upper end, and a bolt passing through the hollow trunnion and carrying hooks on its upper end for engaging a saddle-tree to hold it on its support, substantially as described.

2. In a saddle-jack, the combination, with a support, of a U-shaped post having a hollow trunnion and mounted in the support and provided with plates on its upper end, a bolt passing through the hollow trunnion and provided with a nut on its lower end, a U-shaped plate pivoted to the bolt, and hooks secured to the ends of the U-shaped plate, substantially as herein shown and described.

3. A saddle-jack comprising a counterbalanced segmental arm mounted to turn, a trunnion mounted to turn in the said segmental

arm and standing at right angles to the pivot of the said segmental arm, a U-shaped post carried by the said trunnion and provided with plates on which is adapted to rest the inside of the saddle-tree, and hooks adapted to engage the saddle-tree to press the latter in contact with the said plates, and a bolt connected with the said hooks, passing through the said trunnion, and provided with a nut adapted to engage the said trunnion to draw the said bolt downward, substantially as shown and described.

RICHARD GARRETT.

Witnesses:
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