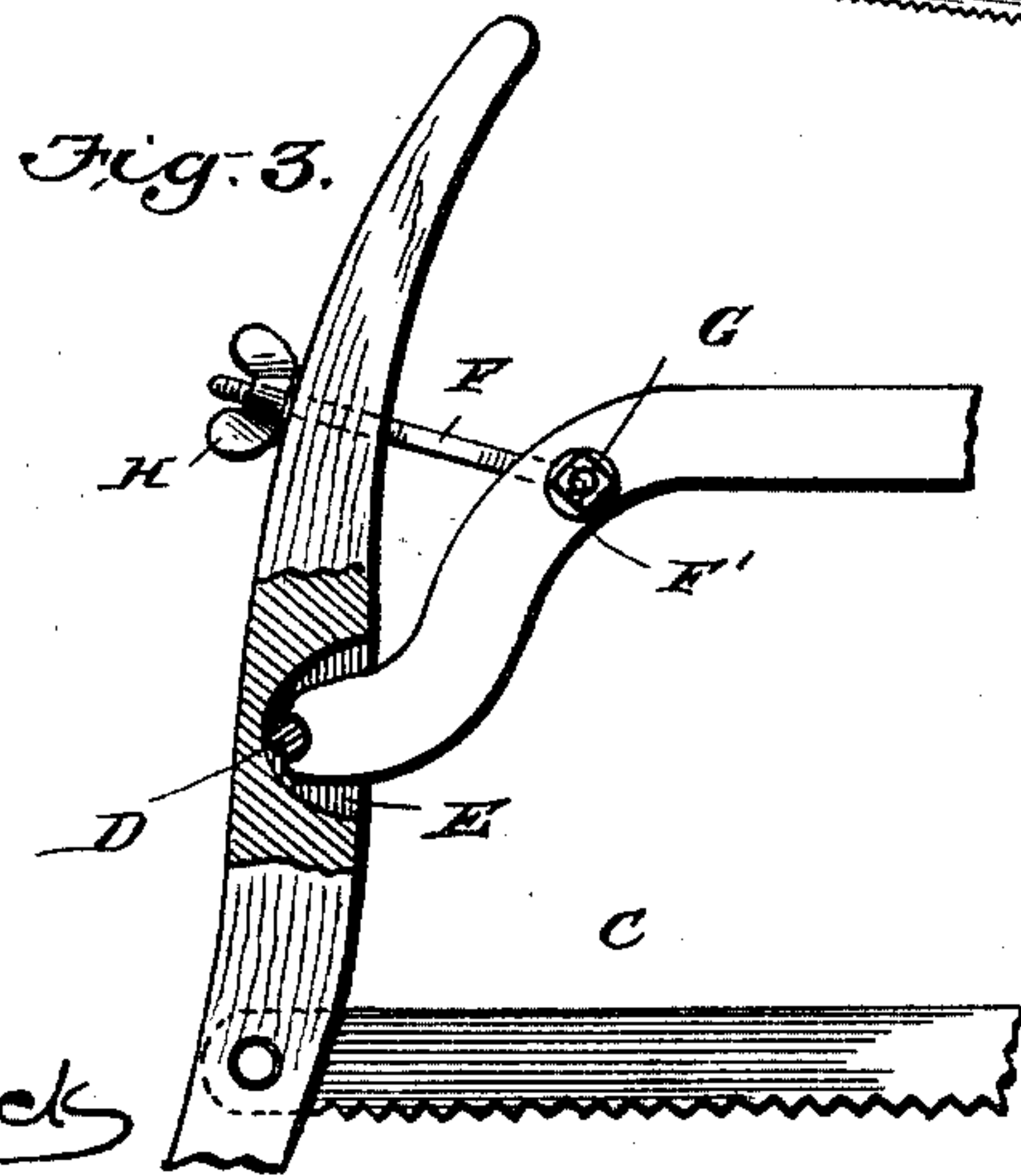
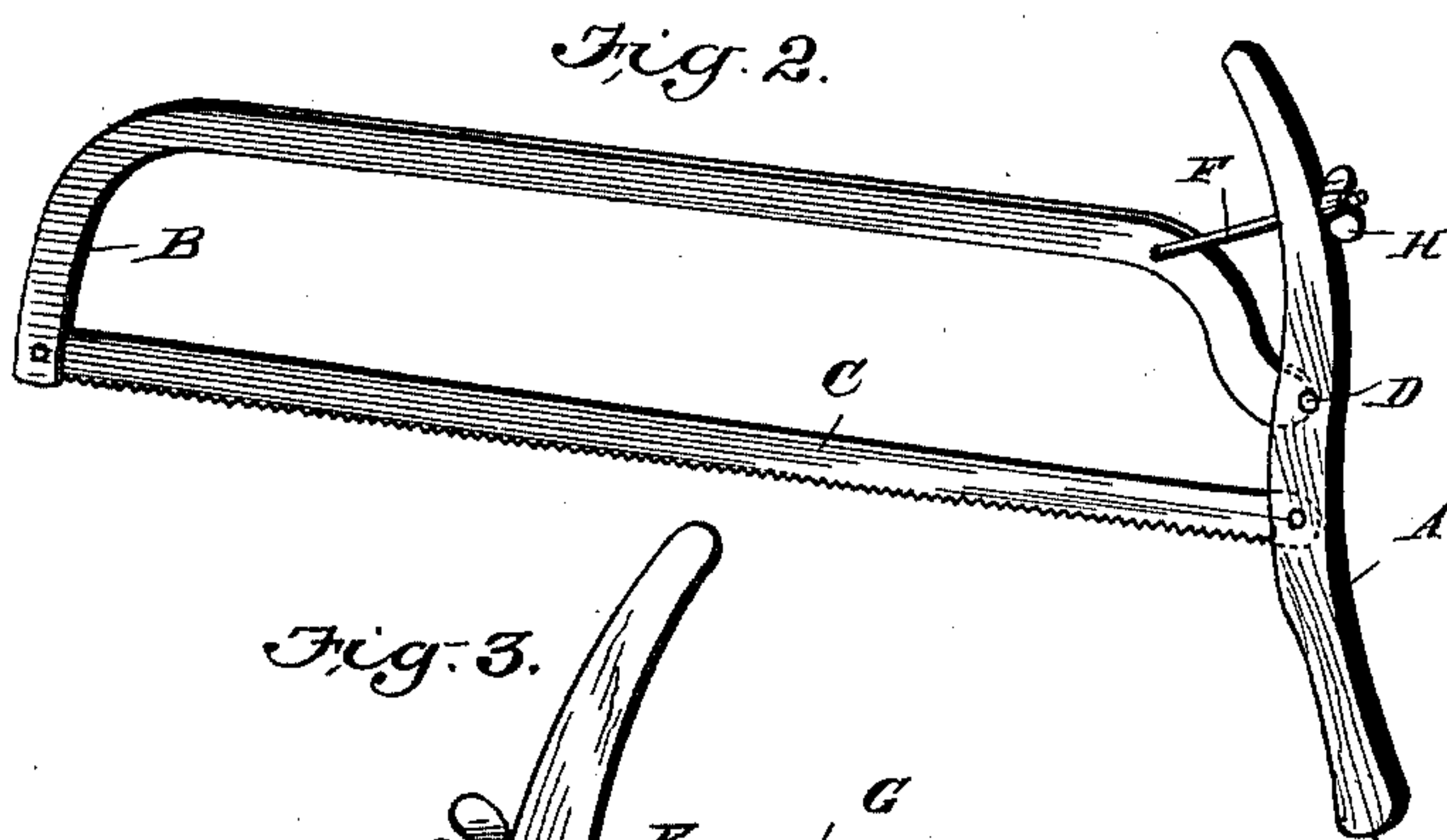


(No Model.)

F. H. MORRIS.
BUCKSAW.

No. 592,475.

Patented Oct. 26, 1897.



Witnesses.

J. E. Shaw
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UNITED STATES PATENT OFFICE.

FRANK H. MORRIS, OF BLUE EARTH CITY, MINNESOTA.

BUCKSAW.

SPECIFICATION forming part of Letters Patent No. 592,475, dated October 26, 1897.

Application filed March 13, 1897. Serial No. 627,322. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. MORRIS, residing at Blue Earth City, in the county of Faribault and State of Minnesota, have invented a new and useful Bucksaw, of which the following is a specification.

This invention relates to improvements in bucksaws, and more particularly to improvements for adjusting the saw in the frame; and the object of my invention is to produce a simple and effective means whereby the saw can be easily adjusted in the frame and when necessary to allow for a new one being inserted in a short space of time.

The invention consists, essentially, of a frame composed of a handle, a bow part in which the saw is secured, and means for connecting the bow part with the handle in order to hold the frame together and to allow for an adjustment of the saw.

My invention consists of certain other details and novel constructions that will be hereinafter more particularly pointed out in the claim.

In order that my invention may be fully understood, I will proceed to describe the same with reference to the accompanying drawings, in which—

Figure 1 is a perspective view showing the practical application of my invention. Fig. 2 is a perspective view of the saw. Fig. 3 is an enlarged detail view, partly in section, showing the adjusting means.

In the said drawings, A represents the handle of the frame, B the bow part, and C the saw, which is secured at one end to the bow and at its other end to the handle.

D represents a pin located in a cut-out portion E, formed in the handle A, against which the free end of the bow D bears, so as to form a pivot for the handle.

F represents a rod having a bent end F',

which is passed through an opening in the bow and secured therein by means of the nut and washer G. The other end of the rod F is screw-threaded and is passed through an opening in the handle above the pin D, and is held therein by means of the thumb-screw H, which works upon the screw-threaded nut.

The operation of my device is as follows: After the saw has been secured to the end of the bow and to the handle in the usual manner the free end of the bow is placed in the recess in the handle and against the pin D. The rod F is inserted in the opening in the handle and the thumb-screw turned until the proper adjustment is obtained for the saw. When a new saw is to be inserted, the thumb-screw is removed from the end of the rod and the bow turned so that the pins which secure the ends of the saw can be removed.

From the above it will be seen that I have produced a simple, cheap, and effective arrangement for at all times securing the proper adjustment of a saw and its frame and for quickly and easily replacing an old saw when it becomes necessary.

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

A bucksaw, consisting of a handle having a recess in its front edge, and a transverse pin in said recess, a bow having one end projecting into the recess and notched to receive the pin, a saw-blade secured to the handle and bow, a rod having one end pivoted to the bow and its other screw-threaded and projecting through an opening in the handle, and a thumb-screw on the end of the said rod, substantially as shown and described.

FRANK H. MORRIS.

Witnesses:

THEODORE JOHNSON,
JACOB FREUND.