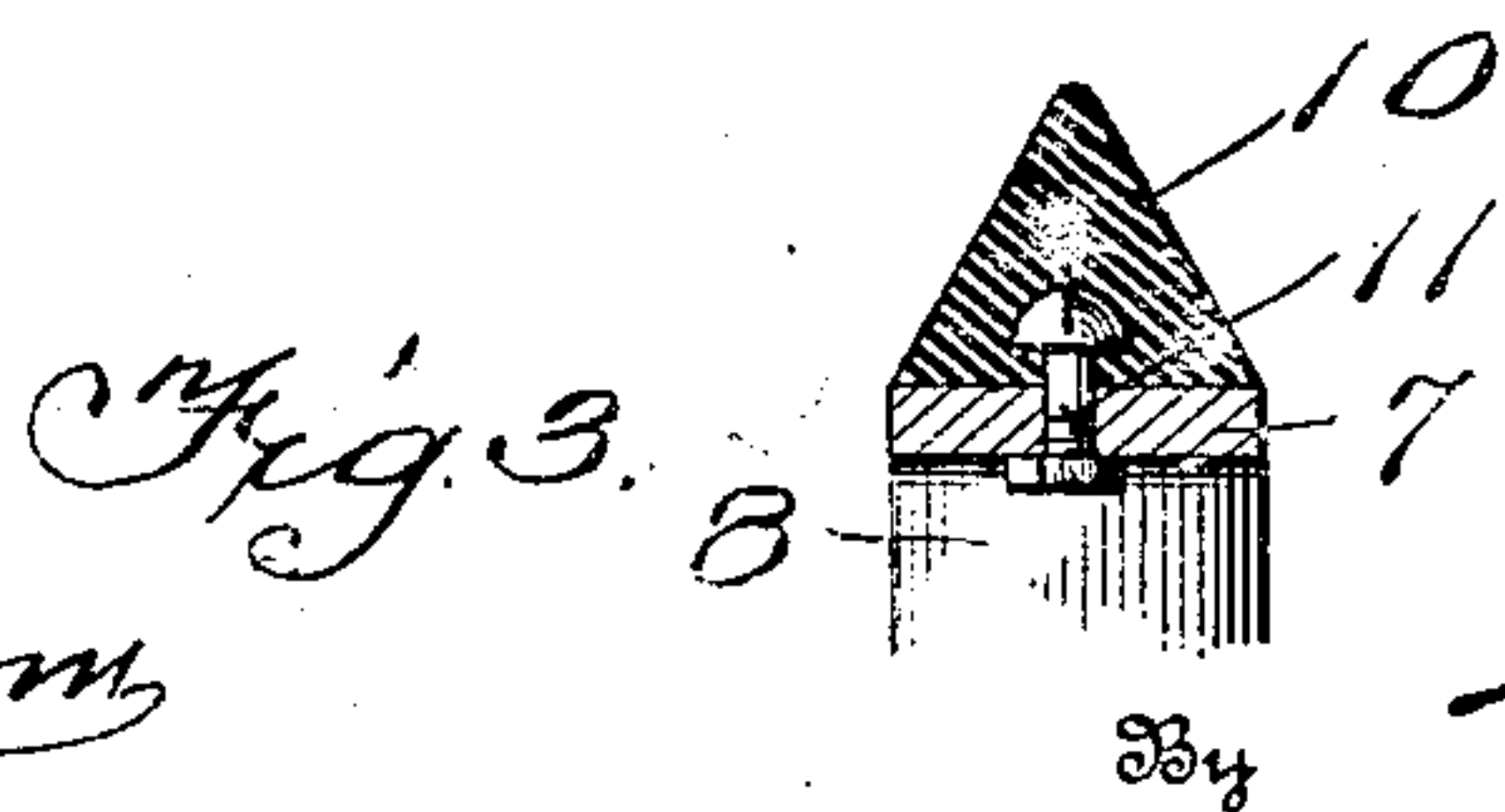
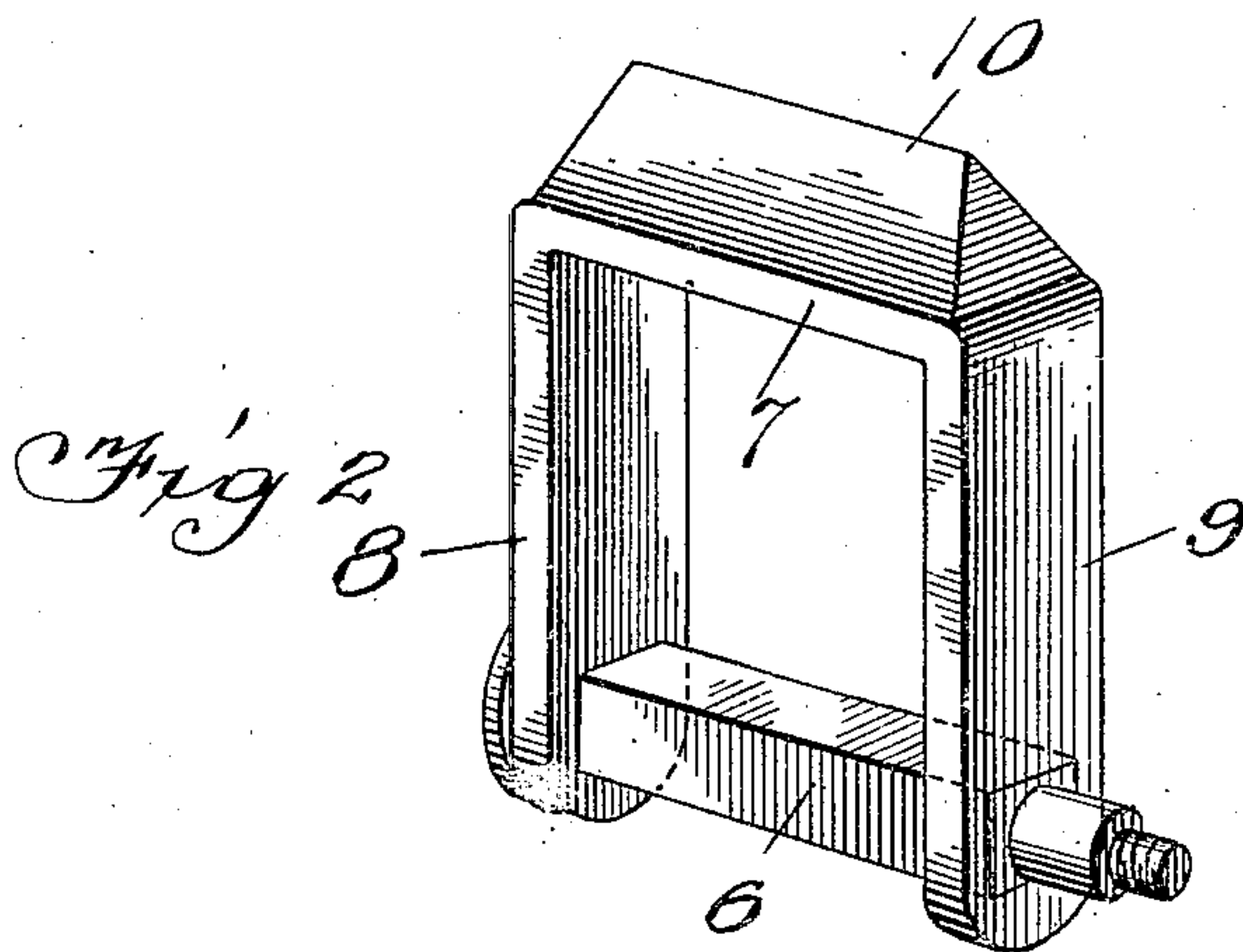
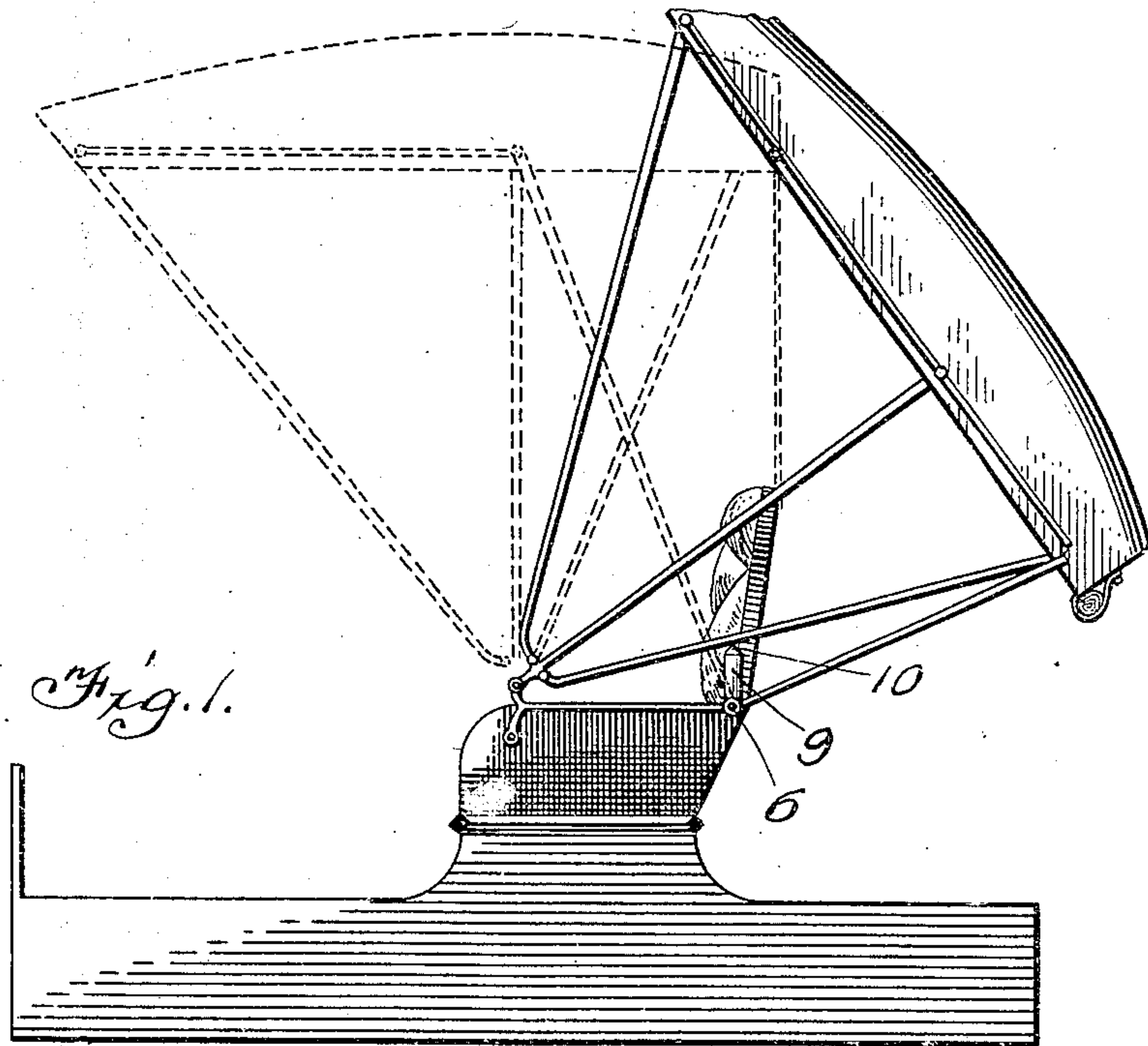


E. JORDALEN.
SUPPORT FOR CARRIAGE TOPS.
APPLICATION FILED NOV. 7, 1908.

935,369.

Patented Sept. 28, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

ELLSWORTH JORDALEN, OF STOUGHTON, WISCONSIN.

SUPPORT FOR CARRIAGE-TOPS.

935,369.

Specification of Letters Patent. Patented Sept. 28, 1909.

Application filed November 7, 1908. Serial No. 461,520.

To all whom it may concern:

Be it known that I, ELLSWORTH JORDALEN, citizen of the United States, residing at Stoughton, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Supports for Carriage-Tops, of which the following is a specification.

This invention is a support or rest for the bow of a carriage top, and has for its object to provide a simple and inexpensive device which will be strong and durable and adapted to cushion a carriage top and prevent the bows from being bent or broken in lowering the top or when the vehicle is passing over a rough road.

A further object of the invention is to support the top in higher position than ordinary, so that it will prevent the top from being punctured by the poles or shafts of rigs coming behind. The ordinary support for a carriage top allows the same to drop so low that the shafts of a rig behind are apt to strike and puncture or tear the top. This invention holds the top so high that such injury can not occur. The device also improves the appearance of the buggy.

The invention is illustrated in the accompanying drawings in which—

Figure 1 is a side elevation of a buggy provided with the improvement, the top being shown in full lines in lowered position, and in dotted lines in raised position; Fig. 2 is a perspective view of the device removed from the carriage, and illustrating the manner of its application to the rail bolt; Fig. 3 is a detail in section showing the top part of the device with the rubber strike piece thereon.

Referring specifically to the drawings, 6 indicates the rail bolt of the carriage, to which the device is applied. This is square, as usual.

The device forming the subject of this invention comprises a metal piece or strap bent to form an upper horizontal part 7 with depending legs or branches 8 and 9 at opposite ends thereof. At the lower ends these branches have square holes to receive the rail bolt, whereby the attachment is supported in vertical position at all times, the rail bolt being properly set for this purpose. The top or cross piece 7 has thereon a rubber cushion 10 secured by bolts 11 the heads of which are embedded in the rubber and which receive nuts on the under side of the cross piece, so that one cushion can be removed and another substituted quite easily. The length of the legs 8 and 9 is sufficient to support the top in the elevated position referred to. The cushion 10 acts to prevent injury to the bows, and the construction is of such simplicity that the device may be very cheaply made and can be attached without alteration of ordinary existing structures. When the carriage top is let down the rear bow rests upon the cushion, with the advantageous results above referred to.

I claim:

A support for carriage top, comprising a bar provided with a rigid depending arm at each end, said arms having holes in their lower ends to fit over a rail-bolt, and supporting the bar in raised position at a distance above the bolt, a cushion block resting on said bar, and an attaching bolt between the bar and the block, having its head embedded in the block.

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

ELLSWORTH JORDALEN.

Witnesses:

ERLING K. LOVERUD,
H. A. HUBER.