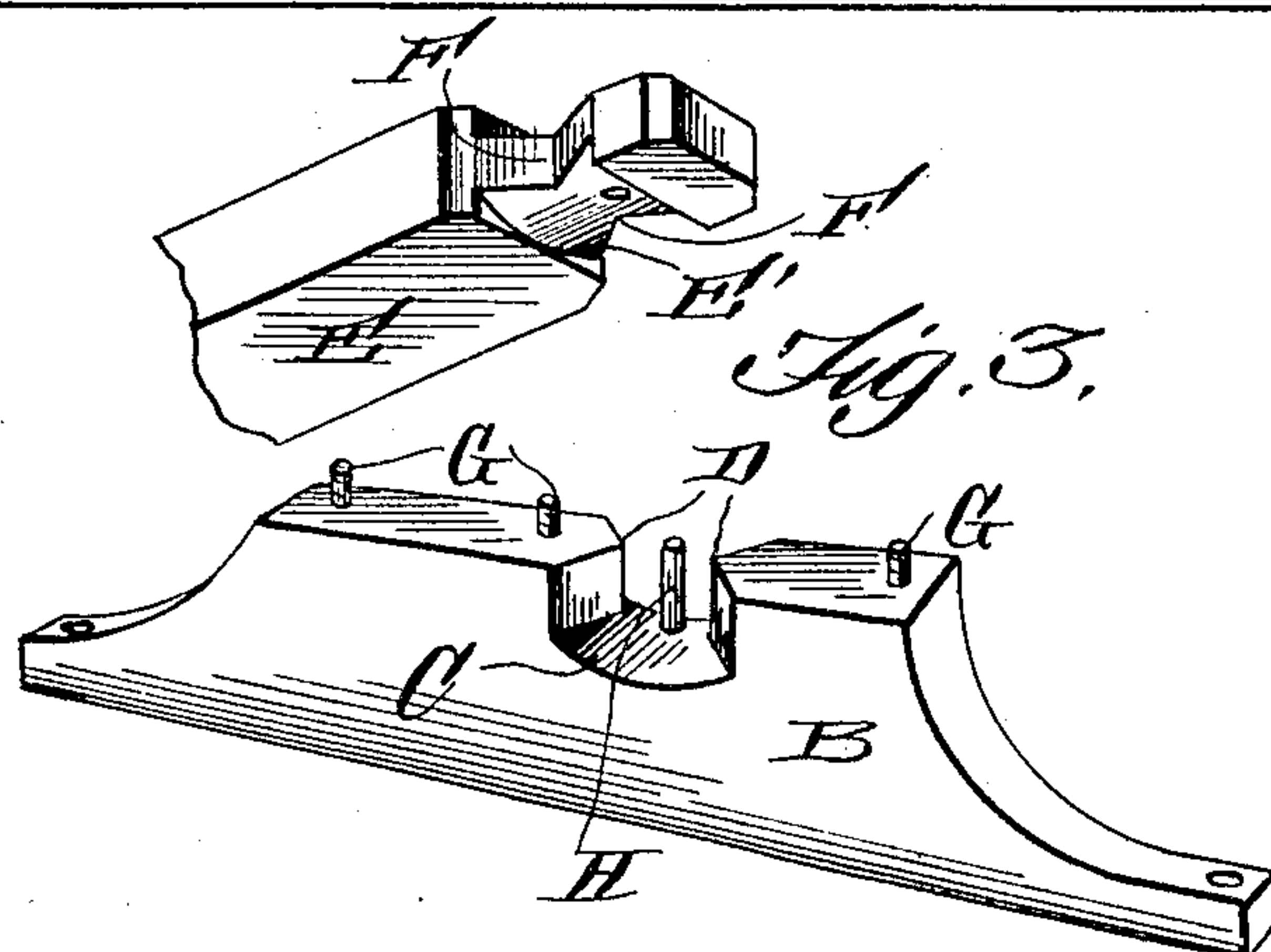
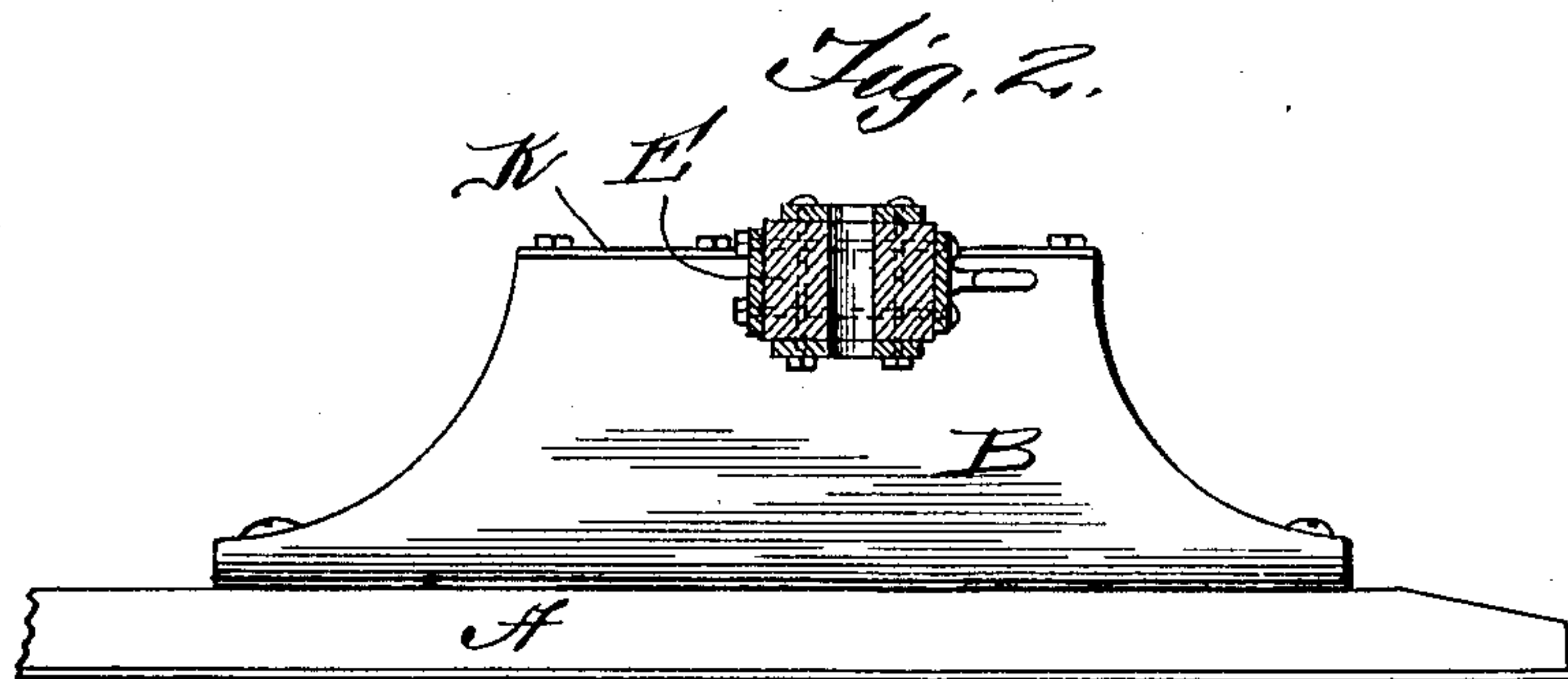
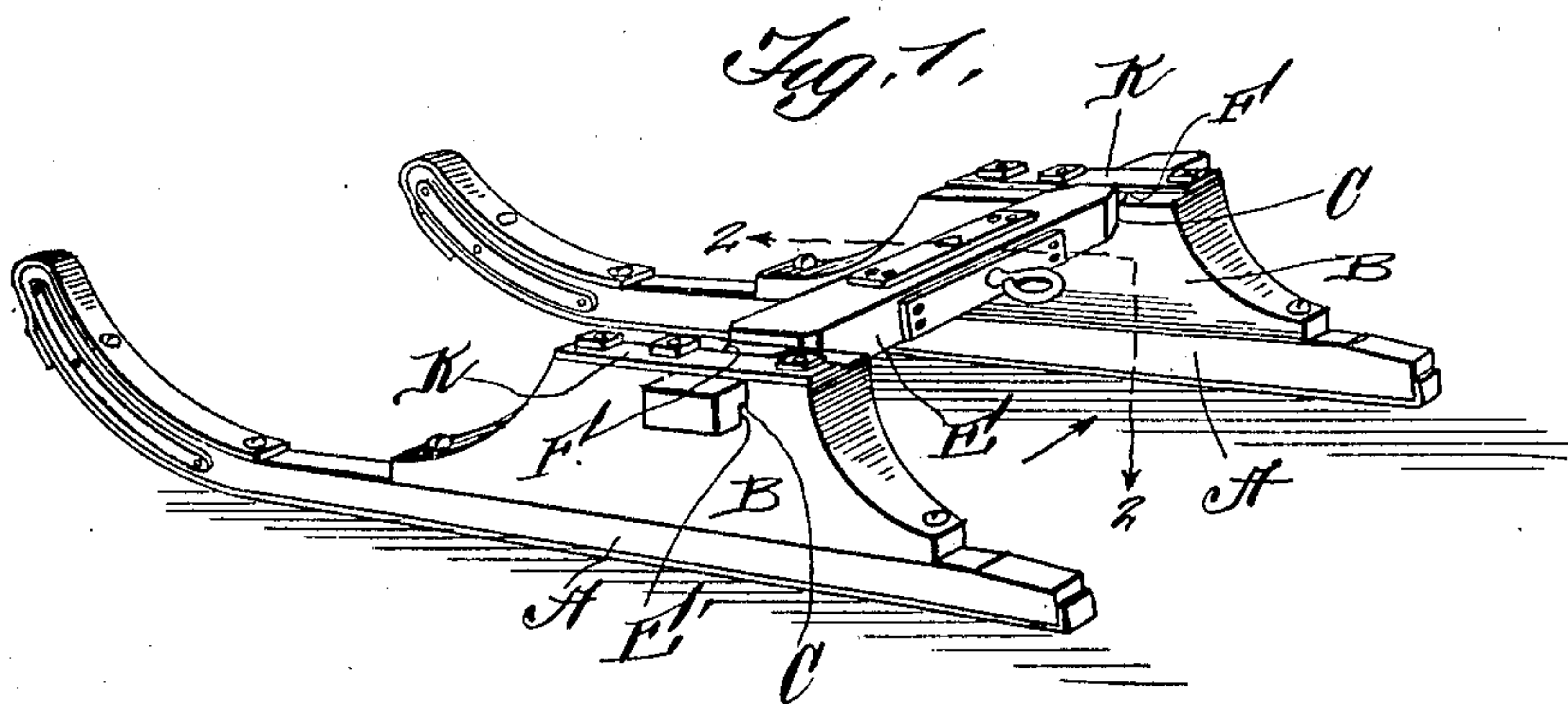


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SLED.  
APPLICATION FILED MAR. 25, 1908.

913,193.

Patented Feb. 23, 1909.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES D. BOHANAN, OF GLOVERSVILLE, NEW YORK.

## SLED.

No. 913,193.

Specification of Letters Patent.

Patented Feb. 23, 1909.

Application filed March 25, 1908. Serial No. 423,199.

*To all whom it may concern:*

Be it known that I, JAMES D. BOHANAN, a citizen of the United States, residing at Gloversville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Sleds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in sleds and the object in view is to produce a simple and efficient device of this nature so constructed that one runner may have a slight movement independent of the other, allowing the sled to conform to irregularities in the roadway and so constructed without the use of metallic braces that the parts may be held rigidly together.

My invention comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of a sled embodying the features of my invention. Fig. 2 is a sectional view on line 2—2 of Fig. 1, and Fig. 3 is an enlarged detail perspective view of one end of a knee which connects the two runners.

Reference now being had to the details of the drawings by letter, A—A designate two runners having knees B thereon, each of which knees has a recessed portion C which is concaved longitudinally and slightly convexed laterally, the ends of said recess terminating in points D. The saddle or beam E is provided with a recess E' upon its under surface which is curved to conform to the convexed surface of the recess C, and the opposite edges of said saddle or cross beam are provided with notches F adapted to receive the pointed end walls D of the recess C, thus forming a double rail connection. Screws G project from the upper edges of said knees and are adapted to receive the bars K which hold the saddle or cross beam in the position shown in Fig. 1 of the draw-

ings. It will be noted that the end wall of the recess in the under end of the saddle projects downward from the marginal edge of the recess C and the inner end of the recess in the saddle bears against the end face of the knee. A pin H rises from the convexed surface of the recess C and extends through an opening in the saddle and serves to further reinforce and hold the latter in place.

By the provision of a sled made in accordance with my invention, the sled will be allowed a side rock as the latter tips or when going around a corner or on other occasions and still the parts will be held in their proper relative positions. By the dove-tail connection shown, a secure and rigid joint is afforded, thus dispensing with the use of the ordinary metallic braces. By the provision of the peculiar formation of the saddle or beam having the recess therein with the curved surface resting upon the convexed surface of the knee, the beam or saddle may rock slightly thus allowing the runner to pass over obstructions without affecting the other runner.

What I claim to be new is:—

A sled having runners, knees rising from the latter, each of which is provided with a recess, the bottom wall of each recess being convexed, the end walls of said recesses tapering and terminating in ridges at the longitudinal center of the knee, a pin rising from the bottom of the recess midway its length, a saddle beam having a contracted end terminating in shoulders, the opposite edges of the contracted end of the beam having V-shaped recesses and the under surface of the contracted portion having a convexed surface which terminates at its outer end in a right angled shoulder designed to overhang the outer marginal edge of the bottom of the recess in the knee, said contracted part of the beam having an aperture for the reception of said pin, screws projecting from the top of the knee and designed to engage a plate extending over said beam, as set forth.

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

JAMES D. BOHANAN.

Witnesses:

MYRON ALLEN,  
EUGENE D. SCRIBNER.