

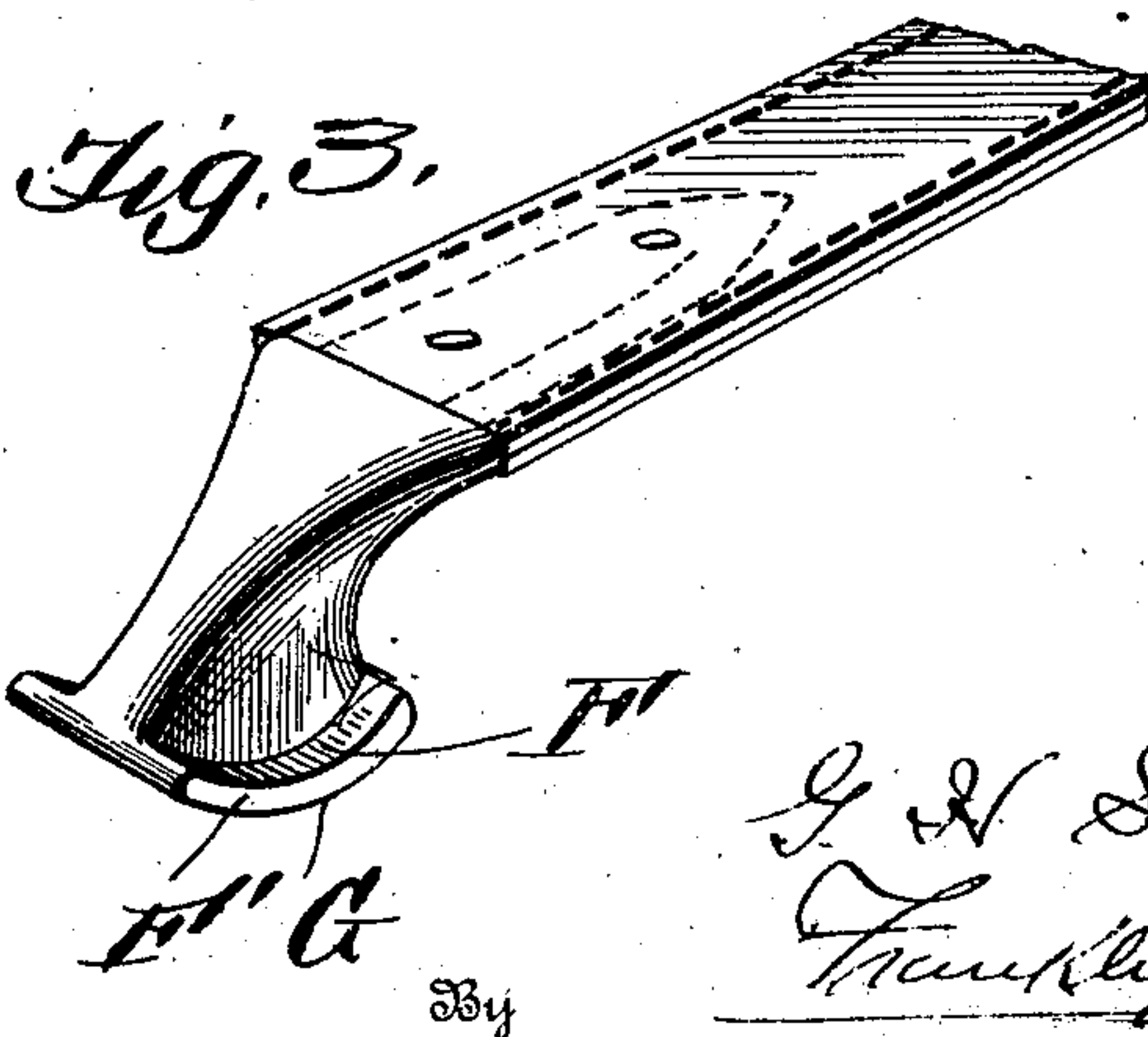
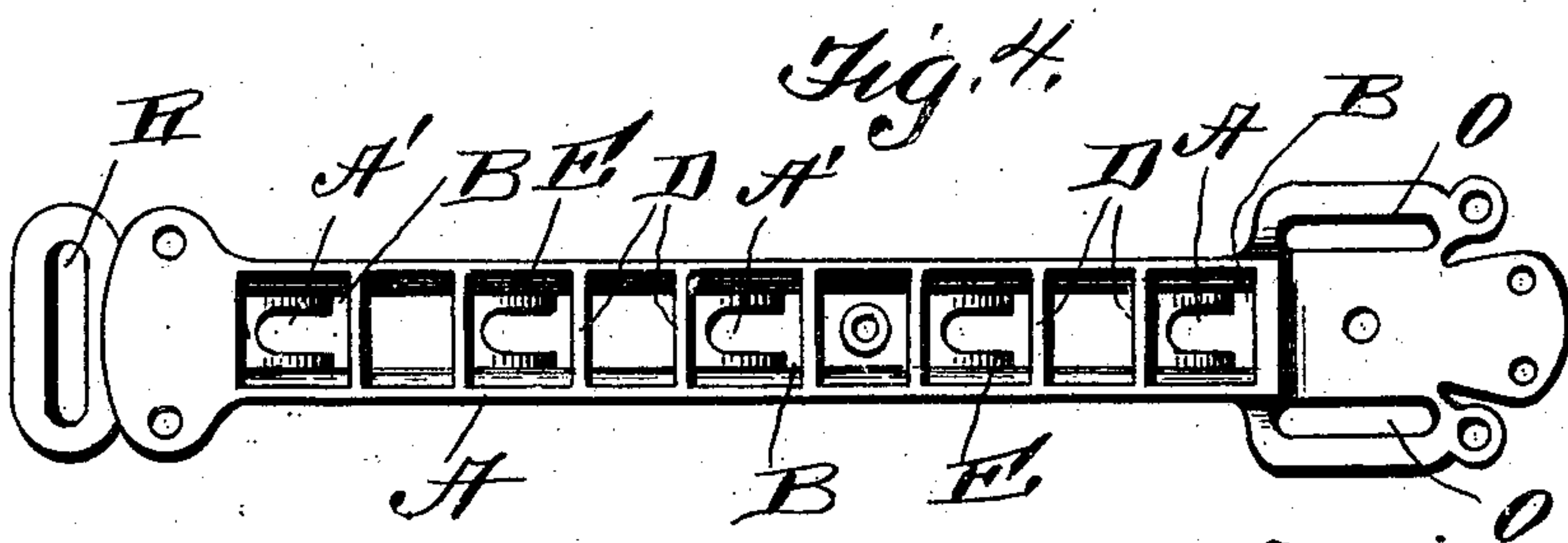
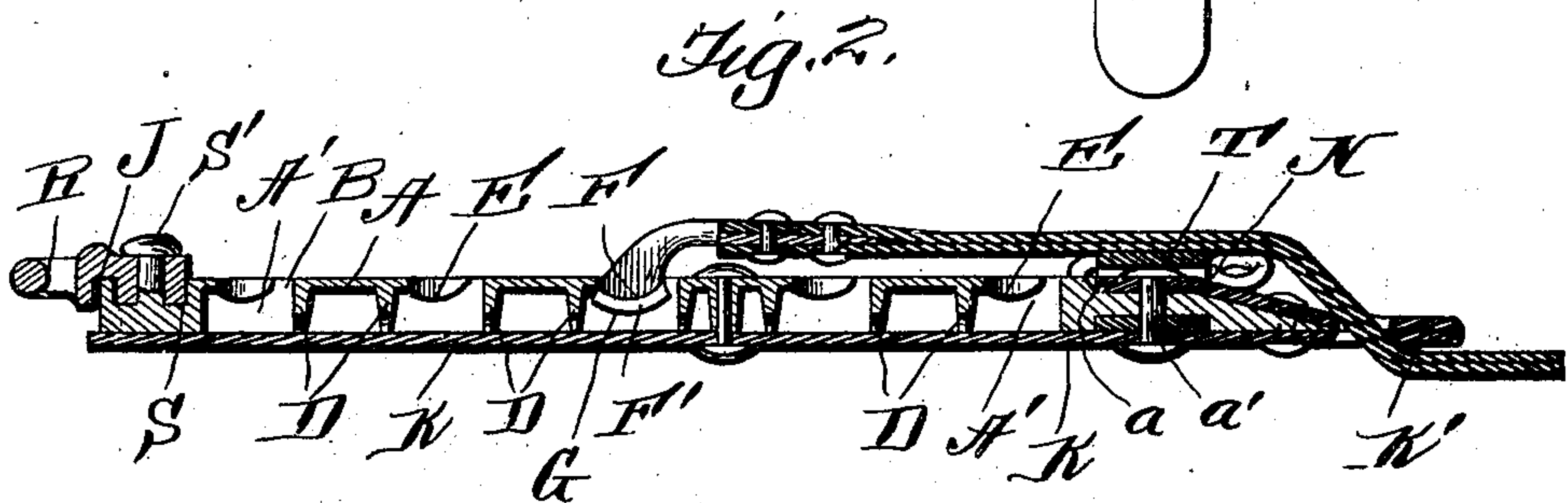
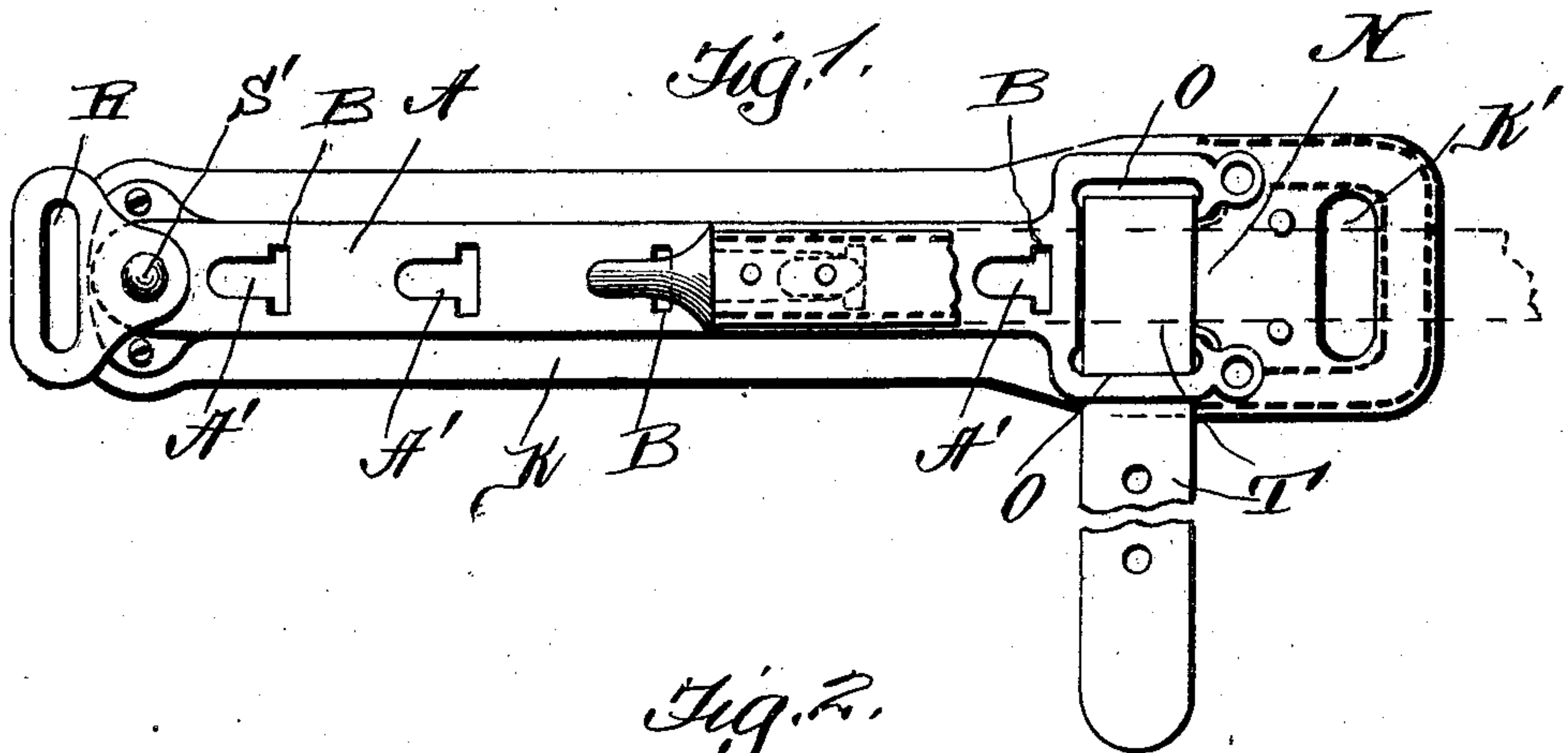
No. 847,377.

PATENTED MAR. 19, 1907.

G. H. SCHMIDT.

HAME TUG.

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HAME-TUG.

No. 847,377.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GODFRIED H. SCHMIDT, a citizen of the United States, residing at Lexington, in the county of Lafayette and State of Missouri, have invented certain new and useful Improvements in Hame-Tugs; 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 and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in adjustable hame-tugs, and comprises various details of construction and arrangements of parts, which will be herein-after fully described and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved hame-tug. Fig. 2 is a central longitudinal sectional view of the invention. Fig. 3 is a detail perspective view of one of the hooks to which the tug is fastened, and Fig. 4 is a rear view of the hame-plate.

Reference now being had to the details of the drawings by letter, A designates a plate or bar made, preferably, of metal of any suitable kind and is provided with a series of openings A', which are U-shaped in outline and have laterally-projecting recessed portions B at the corresponding ends of said openings. The rear face of said bar is provided with a series of recesses which are divided by transverse partitions D, and each alternate recess has an opening A' formed in the bottom wall thereof. The bottom of each recess, which is provided with an opening therein, has along its opposite marginal edges a convexed surface E, adapted to conform to a concaved surface F, which is formed upon the plate F', the shank portion of which is fastened by any suitable means to the end of a tug. The head of said plate F', it will be noted, has a convexed surface G, forming a shoe, the flanges of which are adapted to pass through the recessed ends of said openings, with the concaved surface F turning over the convexed surface E, formed in the bottom of

each recessed portion with an opening therein. When thus adjusted in place, the convexed surface of the shoe will be seated within the recess and securely locked in place. The head of the plate F' may be easily released from its locking position within the bar by simply swinging the plate away from the bar A, the concaved surface of the shoe riding upon the convexed surface E and the flanges turning through the recessed ends of the openings A'. K designates a strap, to which said bar A is adapted to be fastened by rivets or other means, and the rear end of said strap is provided with a loop K', through which the tug is adapted to be passed, and N designates a flap which is fixed to said strap and is adapted to seat in a recess a, formed in the rear end of the bar A, a rivet a' being adapted to be passed through registering apertures in said strap, plate, and flap, the free end of said flap being adapted to bear against the end of the recessed portion a. Loops O are formed upon the forward end of said bar and through which the belly-band T is adapted to be passed.

The forward end of the bar has a recess S, circular in outline, and R designates a loop having a circular-outlined shank portion which is adapted to seat in said recess S. S' designates a headed pivot-pin which rises from said recess S and passes through an opening in the shank portion of said loop R. The under surface of the shank portion of said loop has a groove J, which is formed on the arc of a circle and is adapted to turn about the forward curved end of said bar.

From the foregoing it will be noted that by the provision of the apparatus shown and described a simple and efficient means is afforded whereby metallic loops through which tugs ordinarily are passed are dispensed with, a simple and efficient locking means afforded for the tug, and the bar securely held to the strap through which the tug passes.

What I claim is—

An adjustable hame-tug comprising a bar having a recess therein provided with slots, the corresponding ends of which are laterally extended, transverse ribs upon the recessed face of the bar, a plate fastened over the recessed face of said bar, a tug-fastening plate having a convexed head having a curved shank portion with flanges projecting

from the opposite edges of said head, said
flanges being concaved upon their inner
faces and adapted to contact with the con-
vexed surfaces adjacent to the marginal
5 edges of the slots in said bar, which con-
vexed edges terminate at the lateral exten-
sions of the slots, as set forth.

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

GODFRIED H. SCHMIDT.

Witnesses:

MIKE GAVIN,
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