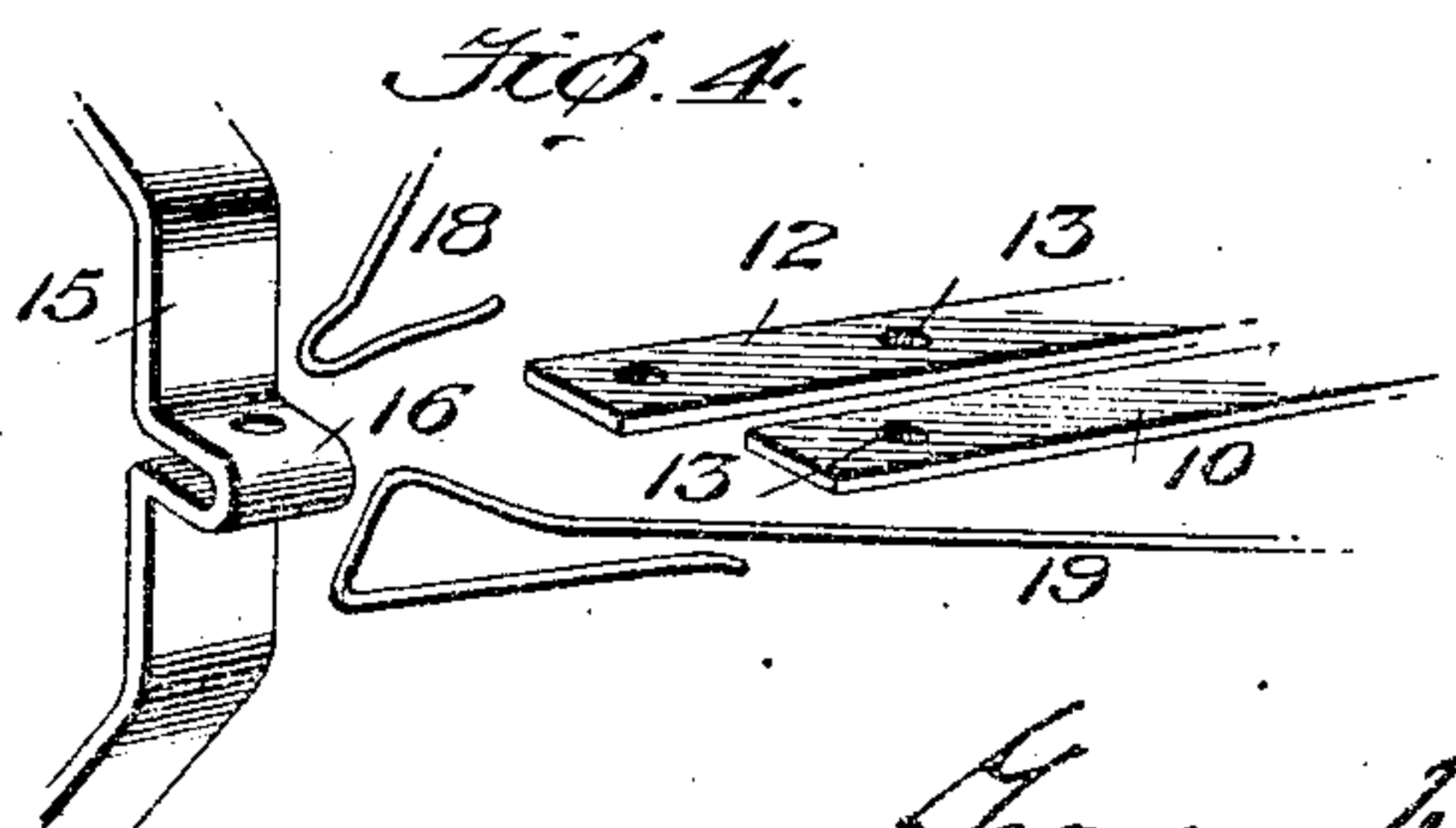
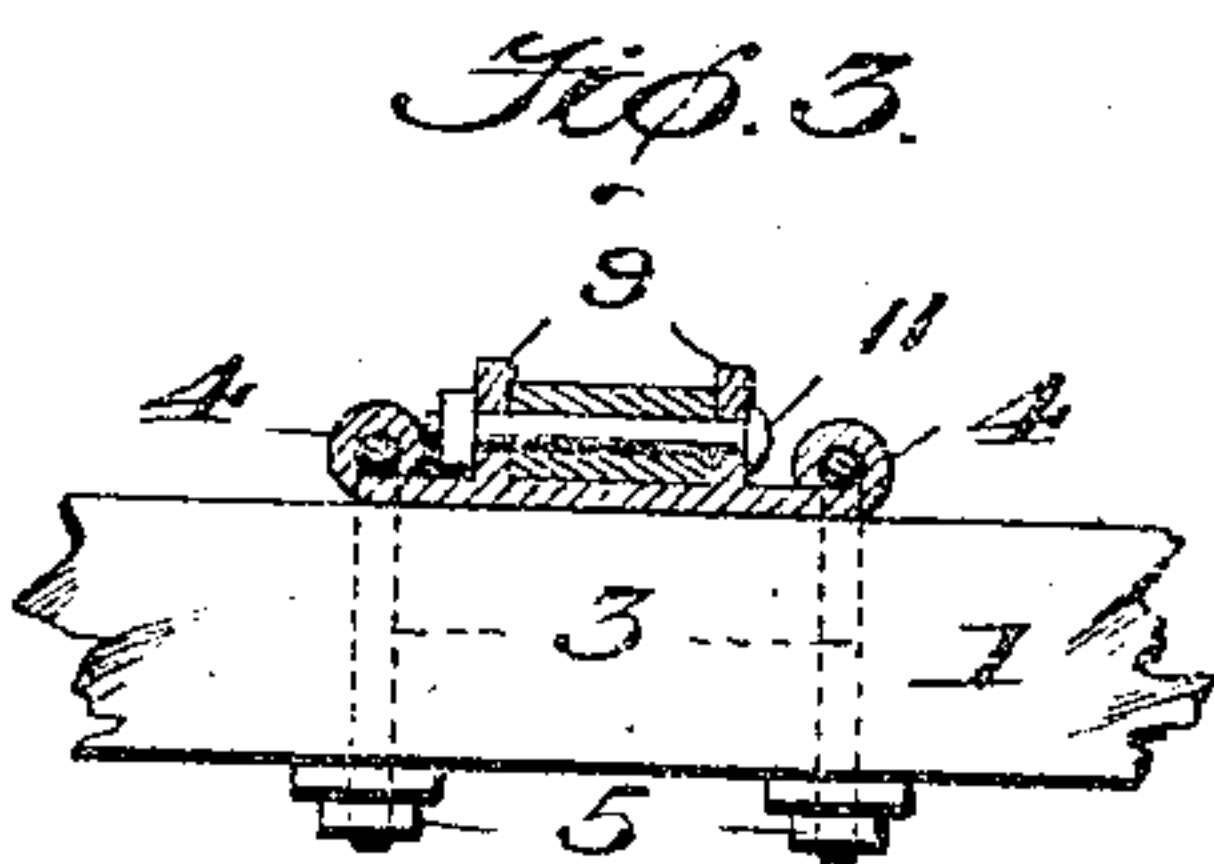
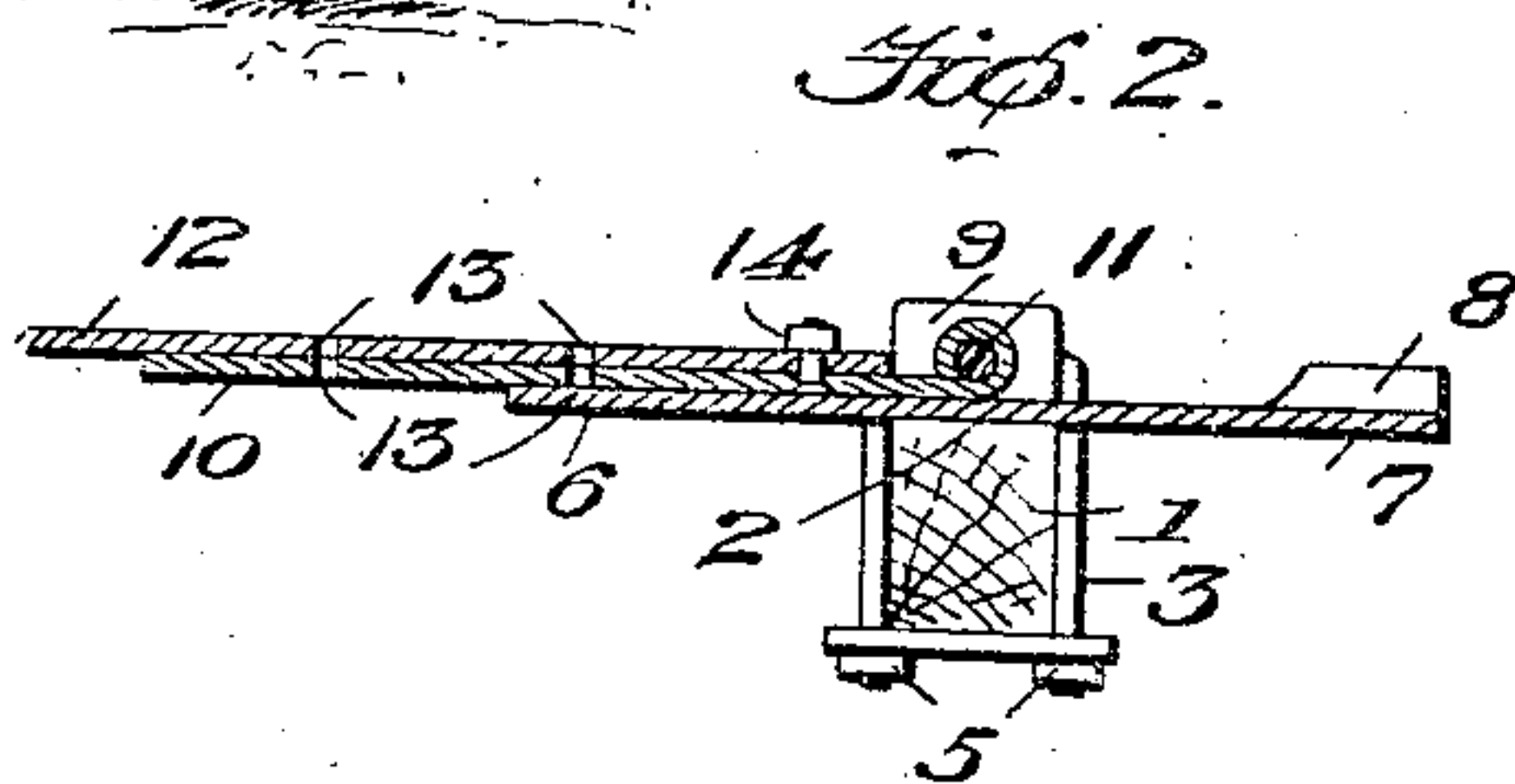
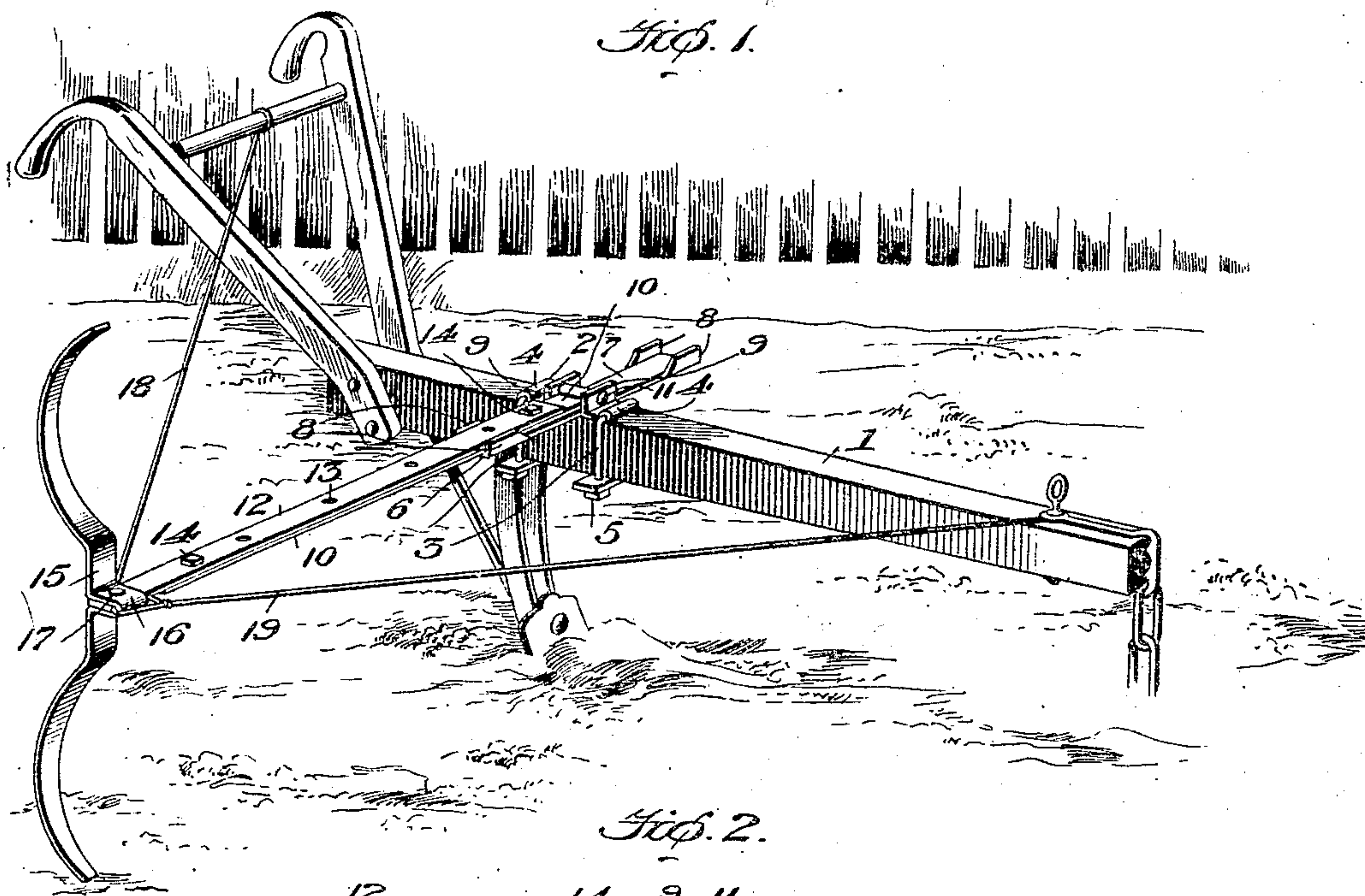


G. W. BROWN.
ROW MARKER FOR PLOWS.
APPLICATION FILED SEPT. 16, 1909.

946,574.

Patented Jan. 18, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE WILLIAM BROWN, OF BREWTON, ALABAMA.

ROW-MARKER FOR PLOWS.

946,574.

Specification of Letters Patent. Patented Jan. 18, 1910.

Application filed September 16, 1909. Serial No. 518,107.

To all whom it may concern:

Be it known that I, GEORGE WILLIAM BROWN, a citizen of the United States, residing at Brewton, county of Escambia, and State of Alabama, have invented certain new and useful Improvements in Row-Markers for Plows, of which the following is a specification.

This invention relates to row markers for plows.

The present invention has for its object the provision of a row marker of simple, inexpensive, strong, light, and durable construction which can be readily attached to any plow beam and will embody novel features whereby it may be adjusted to mark wide or narrow rows to any desired extent, will be suitably braced and held in marking position, and will be capable of reversal from one side of the plow to the other.

The foregoing object is carried out by the provision of a novel row marker whose construction is set forth fully hereinafter and recited in the appended claims.

In the accompanying drawings:—Figure 1 is a perspective view of the invention as applied to an ordinary plow; Fig. 2, an enlarged section taken longitudinally of the marker bar and crosswise of the plow beam; Fig. 3, an enlarged section taken longitudinally of the supporting plate; and Fig. 4, a detail view showing the manner of connection of the bar to the marker and of the cords or wires to said marker.

The beam of an ordinary plow is shown at 1. Disposed on top of the beam 1 is a supporting plate 2 which is connected to the beam by yokes 3 which are preferably pivoted at 4 to the ends of the supporting plate.

The supporting plate is adjustable to different positions on the plow beam by the provision of the nuts 5 carried by the yokes 3, as the supporting plate may be slid along to any position on loosening the nuts and clamped where desired. Extending laterally

on opposite sides of the plow beam and formed integral with the supporting plate are the extensions 6 and 7 which are either of trough shape or provided with lugs 8.

Rising from the supporting plate are ears 9 to which one part 10 of the marker bar is pivoted by the bolt 11 so that said marker bar may be swung to dispose it on either side of the plow beam. To obviate the disadvantages of a marker bar of fixed length, which can not be satisfactorily used among

stumps and stones, I provide a marker bar composed of two relatively adjustable parts 10 and 12, each having openings 13 which are adapted to be brought into register to extend or shorten said bar, detachable bolts and nuts 14 providing the means for clamping the parts of the bar together in its adjusted condition.

The marker 15 is double, being composed of duplicate parts extending above and below the marker bar. This marker is preferably formed from a single piece of steel whose end parts are bowed to give it sufficient resiliency so that it will yield and not break if it catches on an obstruction, the intermediate part of the marker being provided with a loop 16 which receives the end of the marker bar section 12 and is secured thereto by a bolt or other fastening 17.

Cords or wires 18 and 19 running respectively from the marker to the cross-piece of the plow handles and to the clevis pin, constitute means for bracing the marker bar and marker but the trough shape construction of the extensions 6 and 7 relieves the pivot 11 from strain by reason of engagement with the marker bar.

By adjusting the sections 10 and 12 the row may be marked at any desired distance from the plow, such adjustment being quickly accomplished and the wires or cords 18 and 19 being let out or taken up, according to requirements. When it is desired to reverse the marker, the cords or wires 18 or 19 are loosened and the marker bar and marker swung on the bolt 11 to the opposite side of the plow, whereupon the position of the respective marker points will be reversed. By providing a double marker, it is unnecessary to adjust the marker in any manner as it is simply swung over from one side of the plow to the other and the cords or wires 18 and 19 tend to tighten it in its new position to secure it.

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

1. In a marker for plows, the combination with a supporting plate adapted to rest on the plow beam, of releasable yokes adapted to hold said plate on the plow beam which have cross-pieces hinged to the said supporting plate, a marker bar connected to said supporting plate, and a marker carried by the bar.

2. In a marker for plows, the combination

with a supporting plate having ears extending crosswise thereof and provided with extensions adapted to extend outwardly on opposite sides of the plow beam and which
5 have parallel retaining lugs or flanges, of yokes hinged to the supporting plate beyond the ears aforesaid and adapted to embrace the plow beam, a marker bar consisting of a section which is hinged on a pivot
10 which connects the ears and another section which has an adjustable connection with the section aforesaid, whereby said sections may

be relatively extended laterally, and a double marker secured to the section last-named, said parts being disposed and related so that 15 the marker bar may be swung from side to side and made to lie between either of the sets of retaining lugs or flanges.

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

GEORGE WILLIAM BROWN.

Witnesses:

LESLIE B. McCONNELL,
J. E. BLOHM.