

(No Model.)

2 Sheets—Sheet 1.

H. H. PERKINS.
HUSKING PIN.

No. 598,744.

Patented Feb. 8, 1898.

Fig. 1.

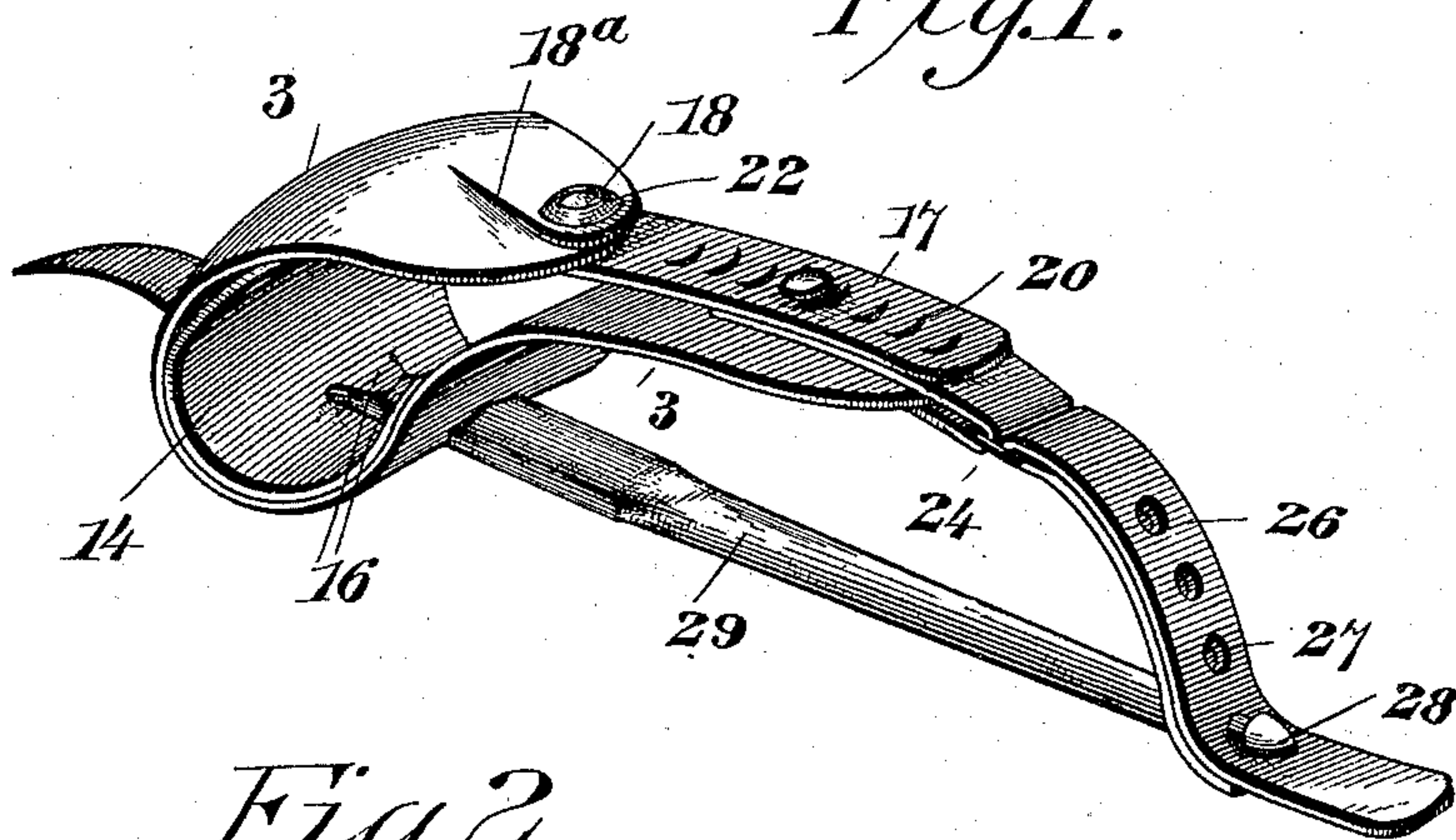


Fig. 2.

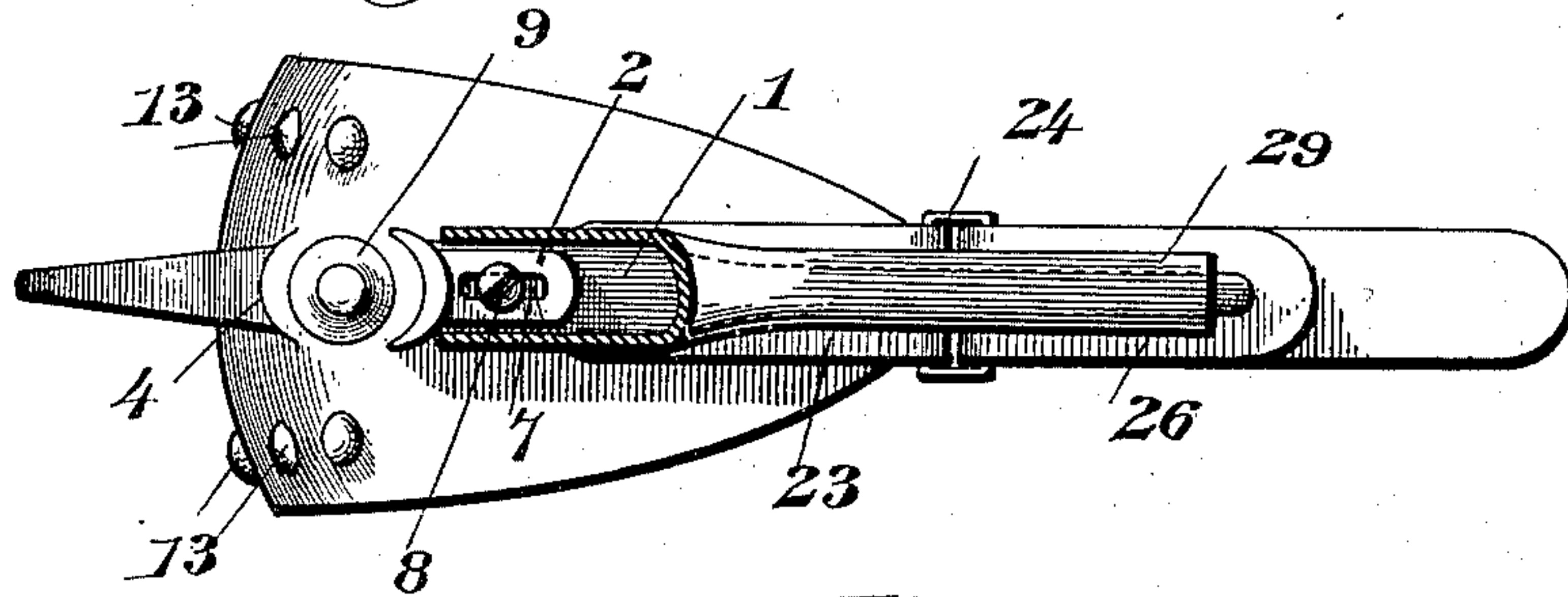


Fig. 3.

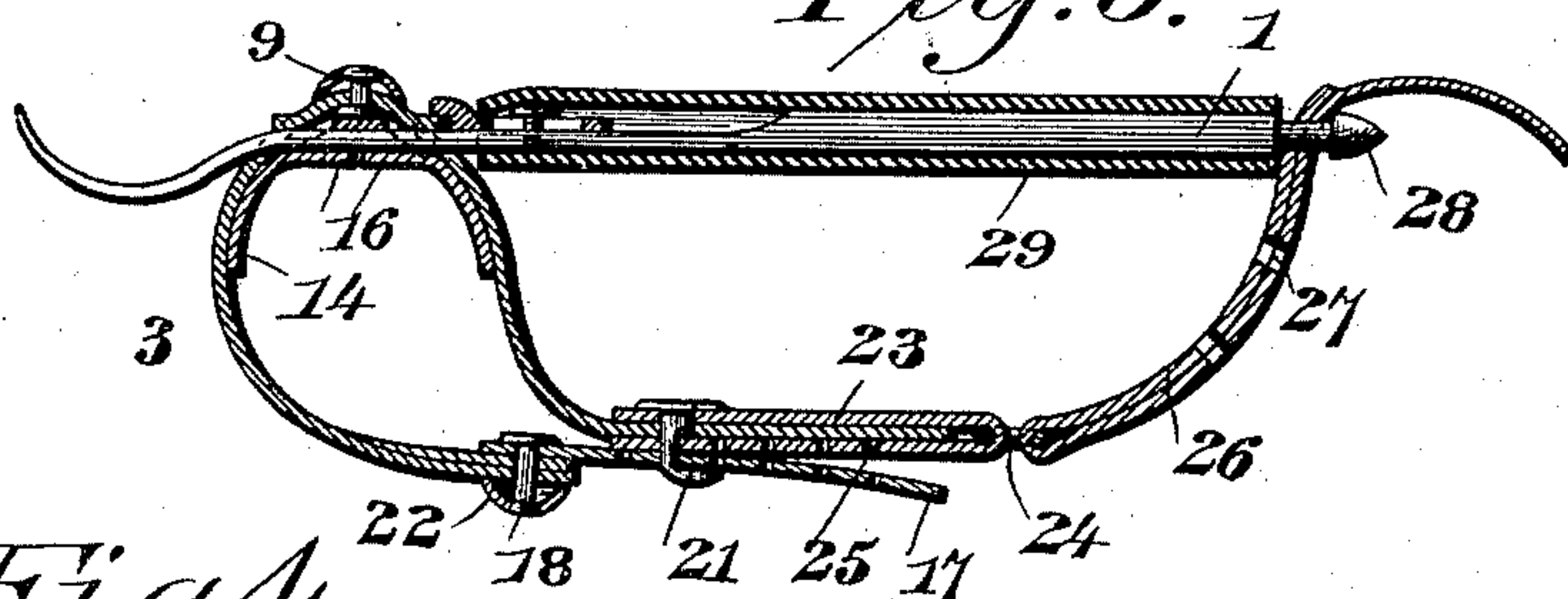
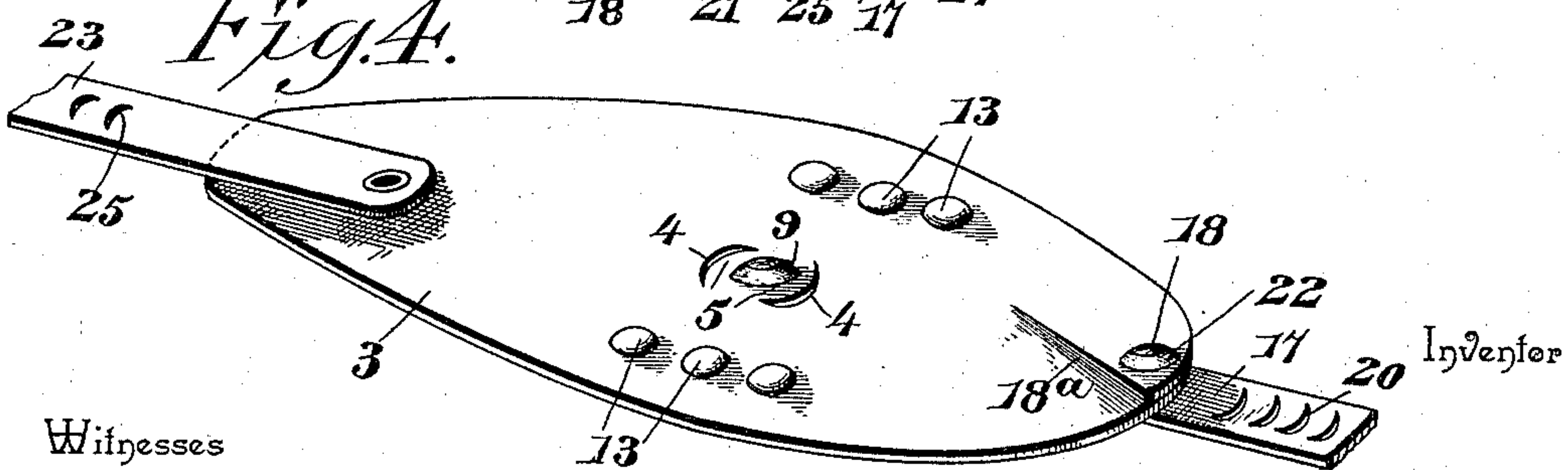


Fig. 4.



Witnesses

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2 Sheets—Sheet 2.

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Fig. 5.

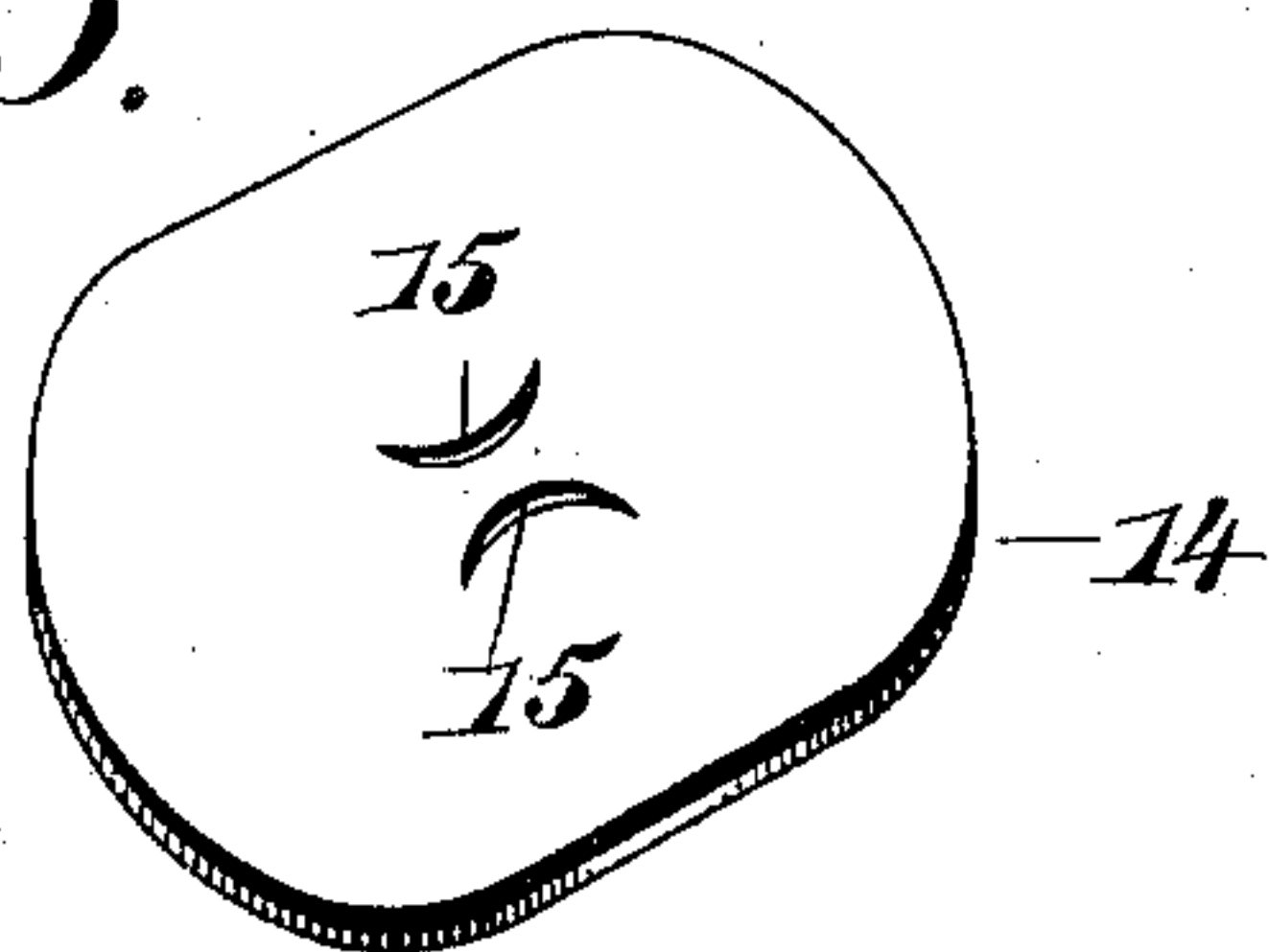


Fig. 6.

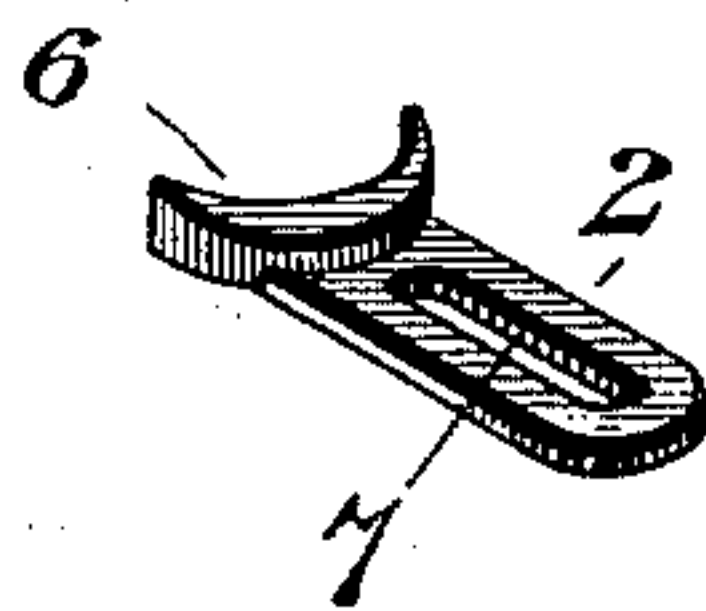


Fig. 7.

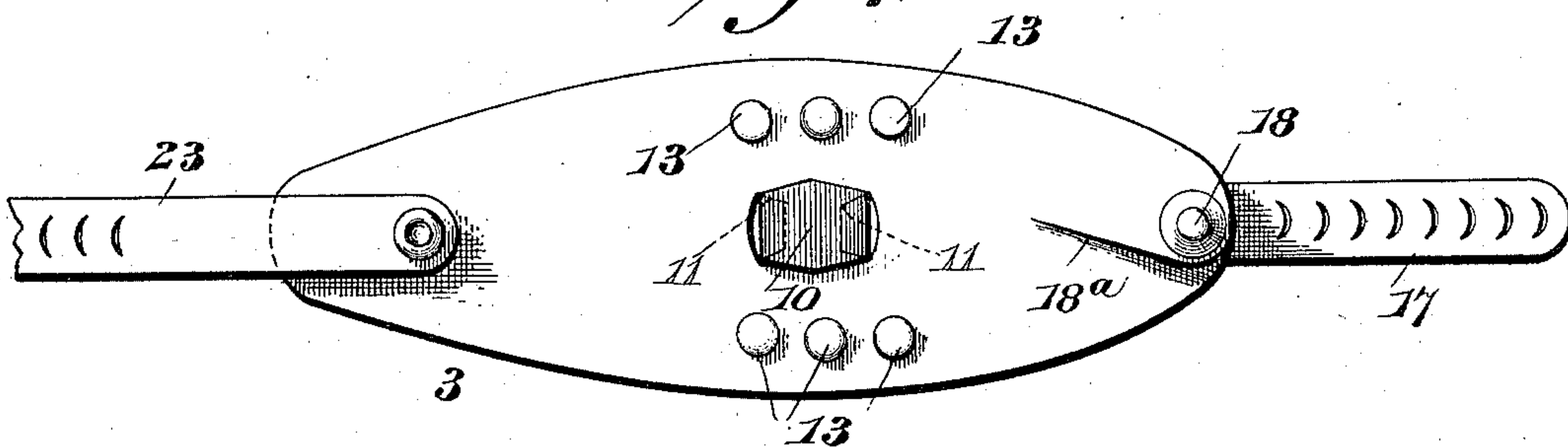


Fig. 8.

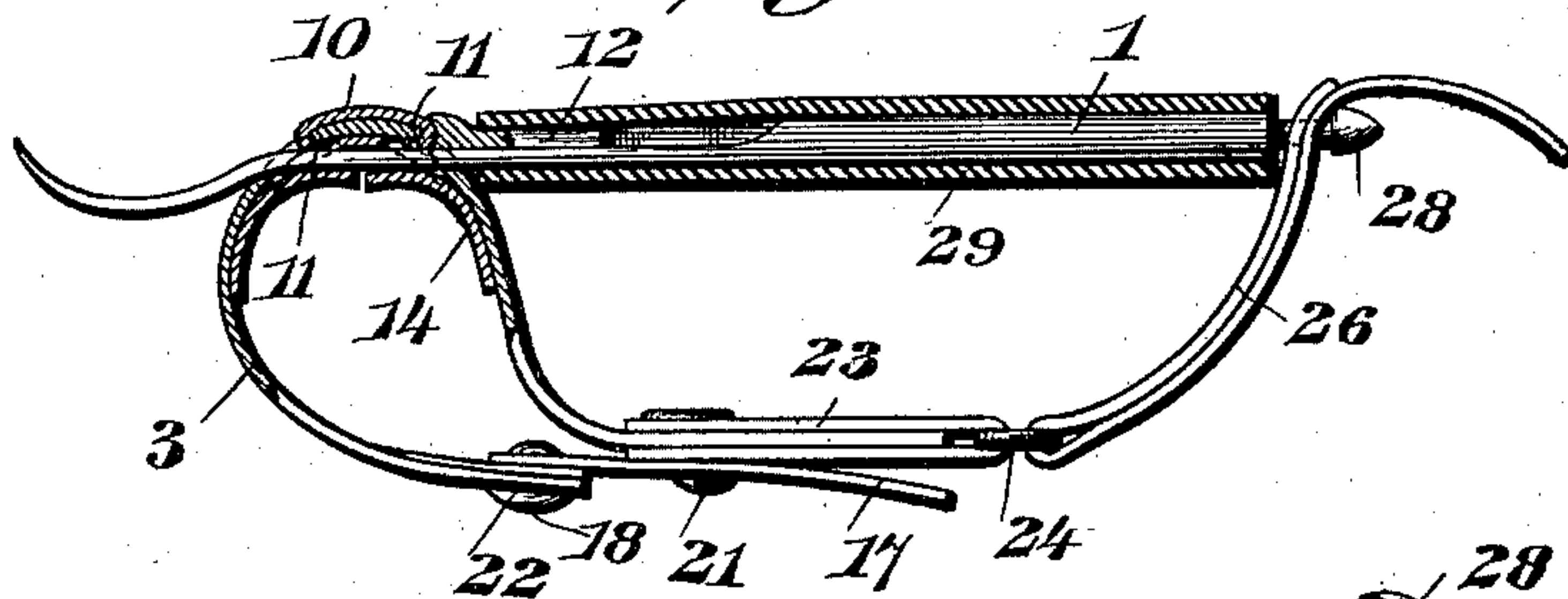
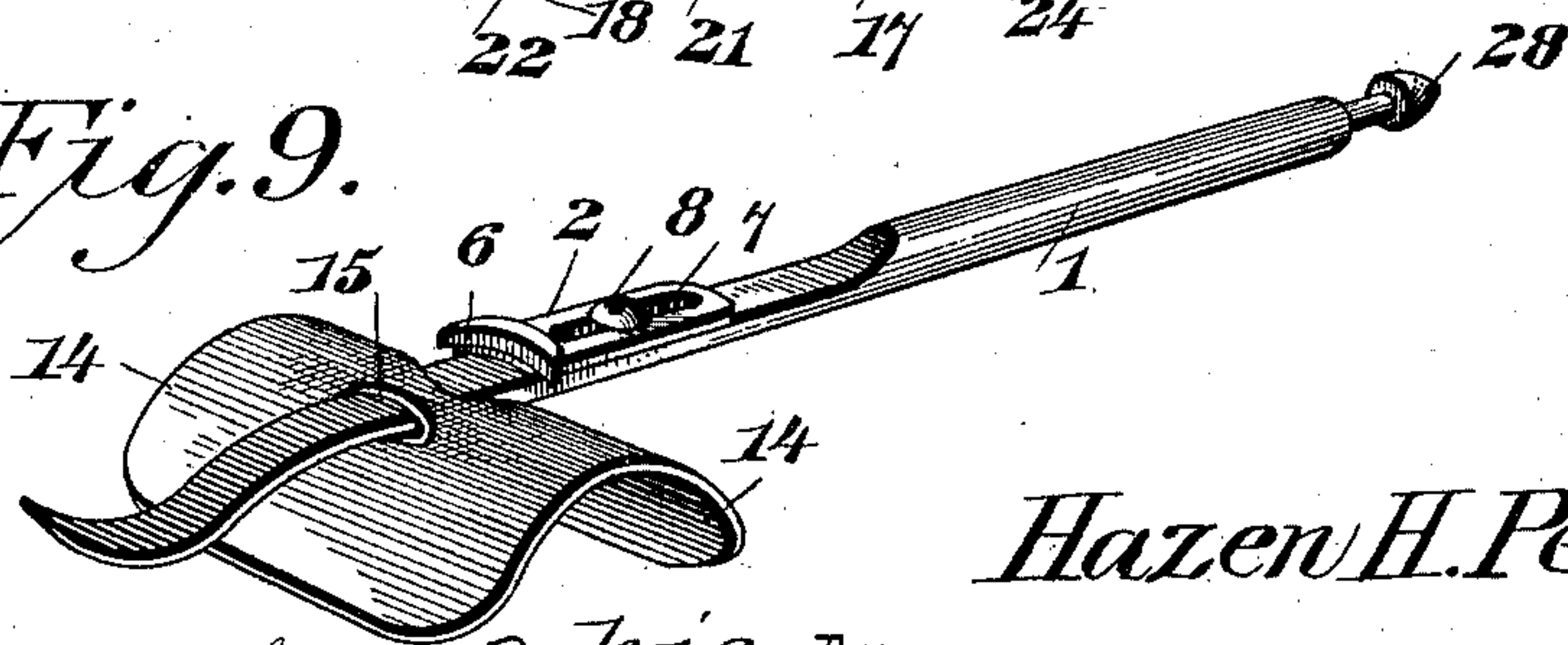


Fig. 9.



Witnesses

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Inventor

UNITED STATES PATENT OFFICE.

HAZEN H. PERKINS, OF KEWANEE, ILLINOIS.

HUSKING-PIN.

SPECIFICATION forming part of Letters Patent No. 598,744, dated February 8, 1898.

Application filed July 15, 1897. Serial No. 644,724. (No model.)

To all whom it may concern:

Be it known that I, HAZEN H. PERKINS, a citizen of the United States, residing at Kewanee, in the county of Henry and State of Illinois, have invented a new and useful Husking-Pin, of which the following is a specification.

The invention relates to improvements in husking-pins.

The object of the present invention is to improve the construction of husking-pins and to provide a simple, strong, and durable one which will snugly fit the hand and be capable of various adjustments to suit the size of the same.

The invention consists in the construction and novel combination of parts, as hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a husking-pin constructed in accordance with this invention. Fig. 2 is a plan view showing the opposite side of the device, the elastic grip being partially broken away to show the adjustable stop-plate. Fig. 3 is a longitudinal sectional view. Fig. 4 is a detail view of the finger-guard strap. Fig. 5 is a detail view of the detachable lining. Fig. 6 is a detail perspective view of the adjustable stop-plate. Fig. 7 is a plan view of the guard-strap, showing a modified form of wear-plate. Fig. 8 is a longitudinal sectional view of a husking-pin, showing the modified form of wear-plate and a fixed stop-plate. Fig. 9 is a detail view showing the lining applied to the husking-pin.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a husking-pin constructed of any suitable metal and provided at one side, near the point or husk-engaging portion, with a stop-plate 2, adapted to be engaged by a guard-strap 3, which is beveled to form a finger stall or loop. The guard-strap 3 is provided at its bend with oppositely-disposed slots or cuts 4, which are curved and which form oppositely-disposed projecting portions 5 when the husking-pin is arranged in the slots or cuts, as clearly shown in Fig. 2 of the accompanying drawings. The inner curved

portion 5 abuts against the stop-plate 2, which is provided at its outer end with a concave seat 6, conforming to the configuration of the portion 5 of the strap and formed by offsetting the plate from the husking-pin in the manner shown. The plate 2 is capable of longitudinal adjustment for positioning the guard-strap properly, and it is provided with a longitudinal slot 7, receiving a clamping-screw 8, which engages a threaded perforation of the husking-pin, and the head of the screw is adapted to bind against the outer face of the plate 2, whereby the latter is retained at any desirable adjustment.

In order to protect the narrow connecting portion of the guard-strap adjacent to the stop-plate and prevent it from being worn and broken, a wear plate or shield 9 is provided and may be circular and secured by a rivet, as clearly illustrated in Figs. 2 and 3, or a guard-plate 10 of the form shown in Figs. 7 and 8 may be provided. The guard-plate 10, which is of general oblong shape, is provided at its ends with tongues 11, which pass through the slots of the strap and are clenched against the inner face of the same.

Instead of making the stop-plate 2 adjustable a fixed stop-plate 12 may be employed, as illustrated in Fig. 8 of the accompanying drawings. This fixed stop-plate 12 may be secured to the husking-pin in any suitable manner, such as by soldering or riveting it.

The guard-strap is preferably reinforced by a series of rivets 13, and the hand of the user is protected by a detachable lining 14, consisting of a substantially circular piece of leather provided with curved slots 15, disposed the reverse of the slots 11 of the guard-strap and providing inwardly-extending lips or portions 16, which practically cover the adjacent portion of the husking-pin and prevent the finger of the wearer from coming in contact with the same. The lining, which is placed on the husking-pin simultaneously with the guard-strap, enables the latter to fit the finger snugly and affords greater protection for the same.

The outer side of the guard-strap is provided with a tongue 17 and is centrally split at 18, the split portions being drawn together to fold the strap and cause the same to bulge outward at the inner terminals of the cut to provide a pocket or recess for the knuckle

and enable the guard-strap to fit the joint of the finger snugly.

The tongue 17, which is preferably constructed of a separate piece of leather from the guard-strap, is secured to the latter by a rivet 18 and is provided with a series of openings 20, preferably consisting of transversely-disposed curved slots adapted to engage a hook 21 of the inner side of the guard-strap, whereby the latter may be readily adjusted to vary the size of the finger-stall. The rivet 18 also serves for securing a wear plate or shield 22 to the guard-strap, and the openings 20 may consist of holes instead of slots; but the latter are preferable for the reason that none of the leather of the tongue is removed and the greater number of them may be provided in a given length of strap, so that a finer adjustment is possible with them. The hook 21 also adjustably connects one end of a strap 23 to the guard-strap, and the strap 23, which constitutes a loop-carrying device, receives a loose loop 24 and is secured at its other end to the inner side of the guard-strap at the outer face thereof, as clearly illustrated in Fig. 3 of the accompanying drawings. The free or adjustable end of the strap 23 is provided with a series of openings 25, consisting of transverse slots curved as before described, and this end of the strap 23 is preferably interposed between the tongue 17 and the inner side of the guard-strap.

The loop 24 receives an adjusting-strap 26, which passes loosely through it, being doubled on itself, as shown, and each side being provided with perforations 27 in order that they may be buttoned over a knob 28 at the rear end of the husking-pin.

The body portion or handle of the husking-pin is provided with a tubular cover 29, of rubber or other suitable material, forming an elastic grip for the convenience of the operator.

The invention has the following advantages: The guard-strap, which forms a finger-stall, is adjustably connected in the husking-pin and is capable of moving longitudinally thereon through the slotted stop-plate, and the cut portion of the guard-strap is protected and shielded from wear, so that it cannot break or give away at the point of attachment to the husking-pin. The guard-strap is also reinforced by rivets, and the hand of the operator is protected from the latter by a detachable lining, which has the slots so arranged that protecting-lips are provided to prevent the finger of the operator from coming in contact with the husking-pin. The lining also enables the finger-stall to fit a finger more comfortably, and the guard-strap is bulged to conform to the knuckle. The hook performs the double function of securing the tongue to the guard-strap and of fastening the free end of the strap 23 to the same, and the straps 23 and 26 provide a double adjustment and enable the device to fit the hand perfectly. The straps may be quickly applied

to the husking-pin, the point of the latter being readily inserted through the slots of the guard-strap and the lining, and no fastening devices, such as rivets or equivalent means, being necessary for securing them to the pin. They also may be quickly removed from the husking-pin should it become necessary to supply the latter with new straps.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What I claim is—

1. The combination of a husking-pin provided with a stop having a concave seat, a guard-strap doubled to form a finger-stall and provided at the bend with slots receiving the husking-pin and forming a projecting portion or lip fitting in the concave seat, and means for connecting the guard-strap with the husking-pin, substantially as described.

2. The combination of a husking-pin provided with a stop having a concave seat, a guard-strap doubled to form a finger-stall and provided at its bend with oppositely-disposed slots forming a projecting lip to fit into the concave seat, a detachable lining arranged within the guard-strap and mounted on the husking-pin simultaneously with the former, said lining being provided with curved slots forming inwardly-extending lips arranged to prevent the finger of the operator from coming in contact with the husking-pin at the bend of the guard-strap, and means for connecting the latter with the husking-pin, substantially as described.

3. The combination of a husking-pin provided with a stop, a guard-strap forming a finger-stall and provided at the bend with slots receiving the husking-pin and forming a portion to fit said stop, a wear-plate mounted on the guard-strap between the slots, rivets mounted on the guard-strap, a lining arranged within the guard-strap and detachably secured to the husking-pin, being provided with curved slots for the reception of the same, said curved slots forming inwardly-extending lips arranged to prevent the finger of the operator from coming in contact with the husking-pin, and means for connecting the guard-strap with the latter, substantially as described.

4. The combination of a husking-pin provided with a threaded perforation, an adjustable plate 2 provided with a longitudinal slot and having a seat, a screw 8 passing through the slot and fitting in the perforation and securing the plate at the desired adjustment, a slotted guard-strap arranged on the husking-pin and engaging the strap, and means for connecting the guard-strap with the husking-pin, substantially as described.

5. The combination of a husking-pin, a guard-strap folded on itself to form a finger-stall and secured to the husking-pin, the outer side of the guard-strap being provided at the end with a single longitudinal split and the

severed portions being lapped or folded on themselves, whereby the finger-stall is bulged outward to fit the knuckle, and connections between the guard-strap and the husking-pin, substantially as described.

6. The combination of a husking-pin, a guard-strap doubled to form a finger-stall and secured to the husking-pin, a hook mounted on one end of the guard-strap and adjustably connected with the other, a loop-carrying device engaging the hook and provided with a loop, and an adjusting-strap passing through the loop and connected with the rear end of the husking-pin, substantially as described.

7. The combination of a husking-pin, a guard-strap folded to form a finger-stall and secured to the husking-pin, a fastening device mounted on one side of the guard-strap and adjustably connected with the other, the strap 23 secured to the guard-strap by the fastening device and provided with a loop,

and an adjusting-strap extending from the loop to the rear end of the husking-pin, substantially as described.

8. The combination of a husking-pin, a guard-strap provided with slots or openings to receive the husking-pin, and a detachable lining provided with slots receiving the husking-pin and forming a pair of inwardly-extending lips arranged to prevent the finger of the operator from coming in contact with the husking-pin at the slots or openings of the guard-strap, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HAZEN H. PERKINS.

Witnesses:

JOHN H. SIGGERS,
E. G. SIGGERS.