

No. 633,220.

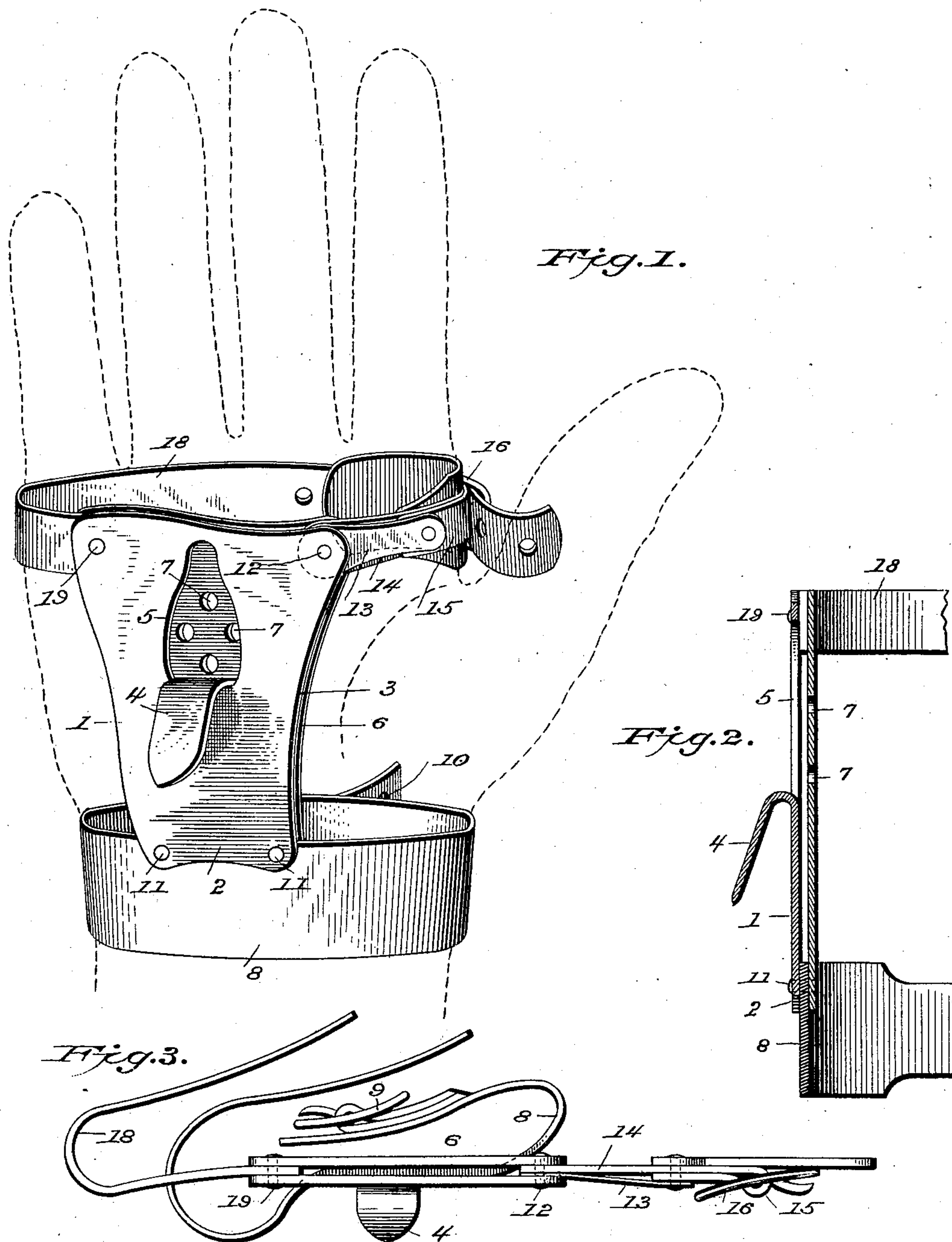
Patented Sept. 19, 1899.

H. N. F. SHOLL.

CORN HUSKER.

(Application filed Mar. 22, 1898.)

(No Model.)



Witnesses:

L. S. Elliott.

Chapman & Meier

Inventor:

Howard N. F. Sholl,

by

M. J. Duval

his attorney.

UNITED STATES PATENT OFFICE.

HOWARD N. F. SHOLL, OF BEATRICE, NEBRASKA.

CORN-HUSKER.

SPECIFICATION forming part of Letters Patent No. 633,220, dated September 19, 1899.

Application filed March 22, 1898. Serial No. 674,850. (No model.)

To all whom it may concern:

Be it known that I, HOWARD N. F. SHOLL, a citizen of the United States, residing at Beatrice, in the county of Gage and State of Nebraska, have invented certain new and useful Improvements in Corn-Huskers; 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.

This invention relates to improvements in corn-huskers of that kind that are applied and fastened to the hand of the operator and commonly known as "palm-huskers."

The main objects of my invention are to produce a simple, well-fitting, cheap, and efficacious device of the character above mentioned, to better adapt the same to be applied to the palm of the hand and which when in use will exert its principal pressure upon that portion of the palm of the operator's hand best calculated for this purpose—to wit, that calloused portion immediately below the fingers—that will operate to tear off the husks by an inward movement of the operator's hand, whereby the corn as the husk is removed may be grasped and held by that hand of the operator to which the husker is applied, to adapt the device to fit and be readily applied to any width of hand, and to provide for a thorough ventilation and protection of the hand holding the same.

Other objects and advantages of the invention will hereinafter appear, and the novel features of the invention will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 illustrates a general view of my invention, the same being shown as applied to the hand of the operator and in position for use. Fig. 2 is a detail in perspective of the device. Fig. 3 is a longitudinal sectional view thereof.

Similar numerals of reference indicate similar parts in all the figures of the drawings.

In carrying out my invention I employ a substantially triangular palm-plate 1, forming the same preferably of case-hardened steel, the base of the triangle being at the upper end and being of a width to fit the ordinary size of hand. This palm-plate is of such length as to agree with that of a hand of ordinary size, and the lower end is pref-

erably convexed, as indicated at 2, so as to not interfere with the wrist of the operator, which it accommodates at this point, it being understood that when applied the plate is supposed to extend from a point below the inner joints of the fingers to a point about the beginning of the wrist. That edge of the palm-plate that lies adjacent to the thumb of the hand of the operator is cut away or recessed, as indicated at 3, so as to surround the mount of the thumb. From this palm-plate a substantially triangular-shaped tongue is struck up, the same extending from about the longitudinal middle of the plate to a point near the upper edge thereof. This tongue is bent rearwardly over the plate toward the wrist portion thereof and forms a husking-peg 4. The opening in the metal from which the peg is struck up may or may not be made slightly wider than the actual width of the peg, the same being designated as 5 and being employed for ventilating purposes, all as will hereinafter appear. In rear of the palm-plate thus described I preferably locate a pad of leather, the same being of a shape corresponding to that of the palm-plate and therefore triangular. This backing or leather pad I designate in the drawings as 6, and, as will be seen, it is perforated, as at 7, for the purpose of thoroughly ventilating the palm of the hand. I have shown the perforations 7 as being located only opposite the opening 5 in the palm-plate; but it will be obvious that such perforations may be located over the entire surface of the pad.

Interposed between the palm-plate 1 and the pad 6 is the outer edge of a preferably leather wrist-strap 8, the same being of sufficient length to readily inclose the wrist of the operator and having one end provided with a buckle 9 and the other end reduced and provided with buckle-holes 10, the said buckle being set back from the end of the strap, so as to adapt the same to rest easy on the wrist of the operator. Ordinary rivets 11 pass through the palm-plate, pad, and wrist-strap and serve to confine the strap in position and also the pad to the palm-plate.

Between the upper right-hand corners of the palm-plate and the rear pad I pivot upon a rivet 12 a metallic link 13 and its corresponding pad 14. The link 13 is of such

length as will adapt it to supply any difference or insufficiency in the width of the palm-plate, so that, as will be seen, the device is thus adapted for various widths of hands.

5 The pad 14 is preferably of leather, and its outer end extends beyond that of the link, at which point it is doubled upon itself to form a loop 15, which engages with an ordinary buckle 16. A rivet 17 is passed through
10 the outer free end of the link and the two layers of pad 14.

The opposite or left-hand upper corners of the palm-plate and the pad 6 have interposed between them the inner end of an ordinary
15 strap 18, the same being held in place by an ordinary rivet 19, which latter also serves to combine and hold the palm-plate and pad 6 in position.

In operation the palm-plate is applied to
20 the hand of the operator as before indicated, the upper portion of the palm-plate being opposite the palm immediately below the fingers. The wrist-strap is fastened by the buckle 9, and the strap 18 is fastened to the buckle 16.
25 The disposition of the link 13 is influenced by the width of the hand of the operator, but in any case lies between the fore or index finger and thumb of his hand. Of course the wider the hand of the operator is the more
30 nearly will the link 13 be disposed to a horizontal position, or, rather, in line with the upper edge or base of the triangular plate.

To operate the husker, the peg 4 is engaged in the husk of the ear and the hand drawn
35 inwardly or toward the operator, thus tearing the husk from the ear, and as the latter is bared it is just in the position to be caught by the fingers of that hand of the operator in which the device is carried.

40 The opening 5, together with the space between the plate and pad, affords every means

desired for ventilation, and the numerous perforations 7 in the pad permit ingress of the air to the hollow portion of the palm of the hand.

45 It will be seen that the pad 6 approximates in shape the metallic palm-plate 1 and that its protection extends under the opening in said plate, so as to protect the hand from the sharp edges of the opening, and yet, being
50 perforated opposite said opening, does not in anywise interfere with the passage of air through the opening to the palm of the hand of the operator.

Having thus fully described my invention, 55 what I claim is—

1. A corn-husker, the same comprising the metallic palm-plate 1, having an integral husking-peg struck up therefrom, producing an opening, and a pad located back of and
60 conforming to said plate and having perforations occurring in rear of said opening in the plate, and means for securing the plate and pad together and upon the hand of the operator.

2. In a corn-husker, the combination with the triangular palm-plate 1, having the struck-up rearwardly-disposed husking-peg 4 and forming the ventilating-opening 5, and the
70 rear similarly-shaped perforated pad 6, of the wrist-strap 8 interposed between the inner ends of the palm-plate and pad, the strap 18 at the upper corner and interposed between the palm-plate and pad, and the pivoted link 13 and its buckle 16.

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

HOWARD N. F. SHOLL.

Witnesses:

A. H. KIDD,
WM. LISCO.