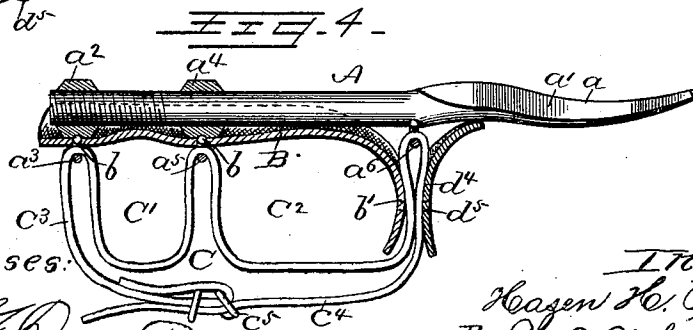
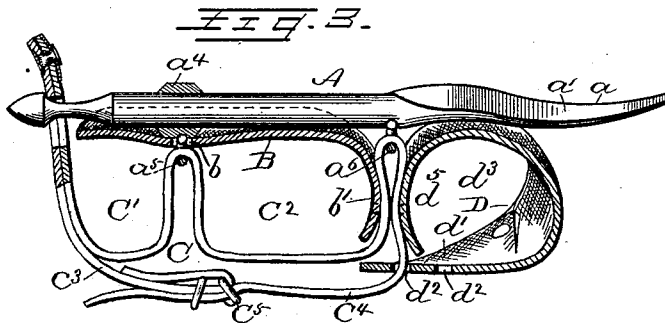
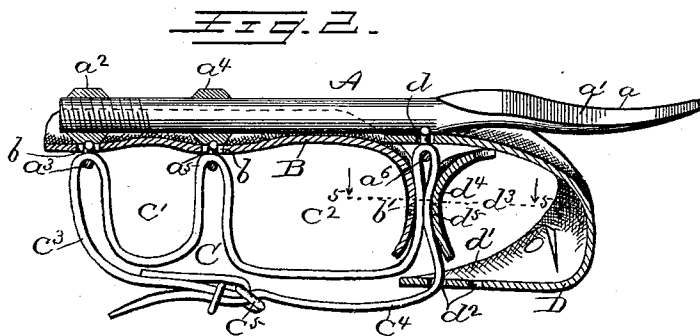
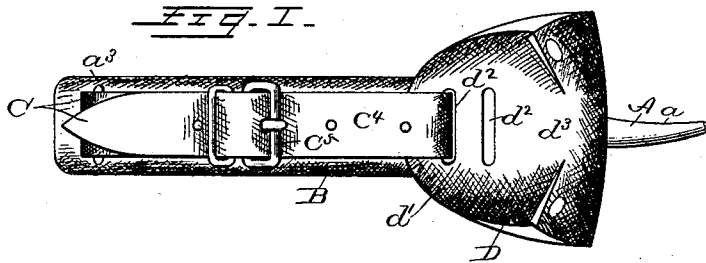


(No Model.)

H. H. PERKINS.
CORN HUSKER.

No. 513,722.

Patented Jan. 30, 1894.



Witnesses:

Arthur H. Richards.
H. M. Richards.

Inventor:
Hazen H. Perkins,
By W. B. Richards,
his Atty.

UNITED STATES PATENT OFFICE.

HAZEN H. PERKINS, OF KEWANEE, ILLINOIS, ASSIGNOR TO THE H. H. PERKINS MANUFACTURING COMPANY, OF SAME PLACE.

CORN-HUSKER.

SPECIFICATION forming part of Letters Patent No. 513,722, dated January 30, 1894.

Application filed January 6, 1893. Serial No. 457,489. (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 certain new and useful Improvements in Corn-Huskers, of which the following is a specification.

The corn husker to which the invention that is herein described pertains, is of that class in which a husking pin is provided with a loop strap which is also a guard strap for the forefinger, adjustable loop straps for the other fingers, and guard strap between the husking pin and part of the fingers and hand.

The object of this invention is to produce a corn husker of the class referred to which will be economic of manufacture, durable, strong, easily and positively adjustable, with an adjustable forefinger loop and guard, efficient in operation, and in which the parts are substitutive, and the parts most subject to wear are separate and separable from the other parts, and easily removable when they become worn, for substitution of duplicates thereof; and to this end and object my invention consists in novel structural features, and novel organization of parts producing the composite structure, my improved corn husker, hereinafter described, and particularly specified in the claims forming part of this specification.

A husker embodying the preferred constructive forms of and showing the organization of the parts forming the subject matter of my improvement, is illustrated in the accompanying drawings, in which—

Figure 1 is a plan of my improved husker, seen from the strap side; Fig. 2, a side elevation of parts, and sectional elevation of other parts; Fig. 3, a modification, a side elevation of parts, and sectional elevation of other parts; Fig. 4, a modification hereinafter described; Fig. 5, a sectional plan in the line 5, 5, in Fig. 2.

The husking pin A is of ordinary construction, having an outer pointed end part a , preferably curved lengthwise of itself, and semi-circular in its cross section, so as to have a flat side a' , substantially as shown, and has, as shown at Figs. 2 and 4, a sleeve

a^2 screw threaded on to its back end part, which sleeve has fixed thereto an eye a^3 that is elongated transversely of the husking pin A. A sleeve a^4 is also seated so that it may be slid or revolved on the pin A, and is also provided with an eye a^5 that is elongated transversely of the husking pin A. The pin A has also an eye a^6 , which is elongated transversely thereof.

The husking pin A as described and with the sleeve a^2 , adjustable as described, toward and from the eye a^6 , for the purpose of adjusting the loop straps which they carry to fit hands of different sizes, is shown in Letters Patent No. 429,475, issued to me June 3, 1890. As shown herewith, however, the eye a^6 the longer way of itself is preferably oblique to the plane of the flat side a' of the pin A, and the sleeves a^3 , a^4 , are adjusted to retain the eyes which they respectively carry in line with the eye a^6 , so as to carry the finger loops hereinafter described projecting radially from the pin A obliquely to the flat side a' of said pin, for a novel purpose hereinafter described. A part of the strap B is folded transversely of itself upon the part of the pin A which rests upon the second, third and fourth fingers and part of the hand to form a guard between said pin and said fingers and hand, and has apertures b which receive the shanks of the eyes a^3 , a^5 , to hold the strap in place on the pin, and at its front end b' is turned or curved outwardly from the pin A, as shown. The central part of the finger loop strap C passes through the eyes a^3 , a^5 , and through the slot d^2 in the forward end b' of the guard strap B, and thence through the eye a^6 to form a loop or receptacle c' for the little finger and a loop or receptacle c^2 for the second and third fingers, and its ends c^3 , c^4 , are turned backwardly from the eyes a^3 , a^6 , respectively, over the loops c' and c^2 , to where they are united by a buckle c^5 . By adjusting the sleeves a^3 and a^4 on the pin A, the loops c' , c^2 , can be adjusted to hands of different widths and sizes, and the strap C can be adjusted in an evident manner in the eyes a^3 , a^5 and a^6 and by means of the buckle c^5 , to adjust the size of the loops c' , c^2 to fingers of different sizes. The outwardly turned end b' of the guard strap B,

and the forward side or part of the loop c^2 together form a smooth surface which rests against the adjacent side of the finger and prevents it being injured by the force with which it is thrust against said finger so often in use, especially in forcing the point of the pin A into the husks, and in pulling on the husks with the point end of the pin to strip them from the ear of corn. The loops or finger receptacles c' , c^2 , held as they are by the eyes a^3 , a^5 and a^6 in a radial plane from the pin A, oblique to the flat side a' of the pin A, as shown best at Fig. 5, will cause the thumb when the husker is in place on the hand, to come squarely down upon the flat side part a' of the pin when the fingers and thumb are closed upon the husk and pin as in the operation of husking.

The loop strap D, as shown at Fig. 2, has a transverse slot d in one of its ends, which is seated over the eye a^6 and on the shank thereof to secure it thereto, and is cut and riveted at its midlength part, as shown, to better fit the knuckle of the forefinger. The end d' of the loop strap D has a series of transverse slots d^2 therein, through either of which the return end c^4 of the loop strap C may pass, to form a larger or smaller loop d^3 for the forefinger, as may be required by different persons.

Within the loop d^3 and resting against the return end c^4 of the loop strap and one end of the adjustable loop strap D, is a forefinger guard piece d^4 , through the edges of which and exterior to the loop strap D, rivets d^5 pass to secure the guard piece d^4 and end b' of the guard strap B in place and to each other, as shown best at Fig. 5.

When the adjustable loop guard strap D is used, its breadth and smooth surface will prevent injury to the forefinger by the backward thrust of the pin in use hereinafter described, and the strap D not being connected with or forming part of any of the other straps, and being the part most subject to wear, can when worn out be readily and easily removed and a new adjustable loop strap D be substituted therefor.

If preferred, the adjustable loop strap D can be omitted or left off entirely, as shown at Fig. 4, and in that case the backward thrust of the pin in use will be prevented from injuring the finger as hereinbefore described.

The adjustable loop strap D may, if preferred, be formed and fixed in place as shown

by the modification at Fig. 3, in which case the guard piece d^4 is dispensed with, and the inner end of the loop strap D curved as shown at said figure, until it occupies the place occupied by the guard piece d^4 , where it is secured to the end b' of the guard strap B in same manner as the guard strap d^4 , and where it answers the same purpose as the guard d^4 . In either way shown of fixing the adjustable loop strap D in place, it will have the necessary flexibility, independently of the pin and of the loops c' , c^2 .

If preferred, the part of the strap C adjacent to the eye a^3 may be secured to the pin A, as shown at Fig. 3, and as shown at Fig. 7 of the drawings of my patent hereinbefore referred to, as the particular way in which that part of the strap C is secured to that end of the pin A does not enter into the essential part of my invention, so long as the manner of securing that part of the strap C to the pin A does not interfere with my construction of the adjustable loop strap D and manner of connecting it with the pin A and strap C, which constitute features of my invention.

What I herein claim as new, and desire to secure by Letters Patent, is—

1. A corn husker, comprising, substantially as hereinbefore described, a pin A, a loop strap, as C, for part of the fingers, an adjustable forefinger guard and loop strap, as D, and a guard piece d^4 within the loop strap D, and held in place by riveting to the part b' of the guard strap B.

2. A corn husker comprising, substantially as hereinbefore described, a pin A, a loop strap, as C, for part of the fingers, a guard strap, as B, having an upturned end b' and a forefinger guard and loop strap, as D, fixed at one end to the end b' of the strap C, and adjustably fixed at its other end to the same strap C.

3. A corn husker comprising, substantially as hereinbefore described, a pin A, a loop strap, as C, for part of the fingers, a guard strap as B, with an outwardly turned end b' , and a guard piece, as d^4 fixed to the end b' of the strap B, in front of the strap C, as a guard for the forefinger.

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

HAZEN H. PERKINS.

Witnesses:

E. M. VAIL,
G. F. WILSON.