

(No Model.)

H. H. PERKINS.
CORN HUSKER.

No. 513,721.

Patented Jan. 30, 1894.

FIG. 1.

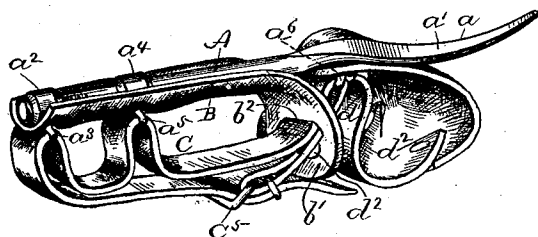


FIG. 2.

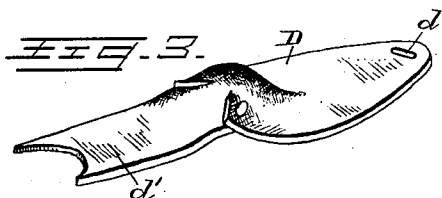
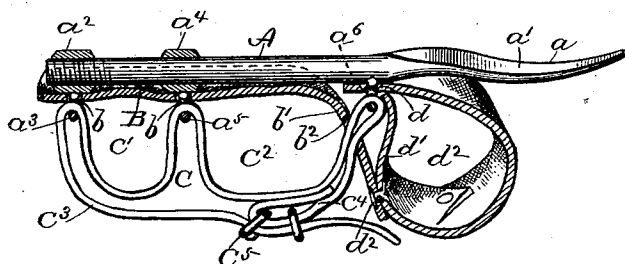


FIG. 4.

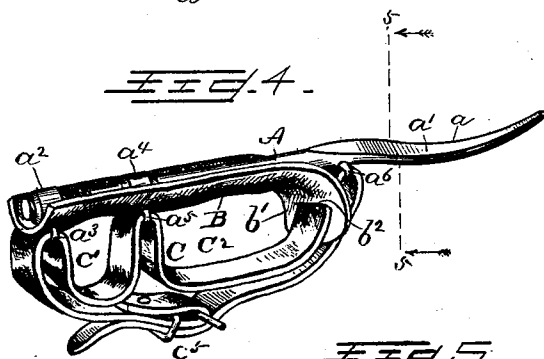
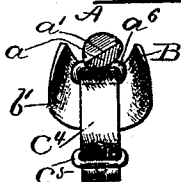


FIG. 5.



Witnesses:

Arthur A. Diamond,
H. M. Richards.

Inventor:
Hazen H. Perkins,
By J. D. 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. 513,721, dated January 30, 1894.

Application filed January 6, 1893. Serial No. 457,488. (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 a 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, efficient in operation, and in which the parts are substitutive, and the parts most subject to wear are separate 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 organizations of parts producing the composite structure, my improved husker, hereinafter described, and particularly specified in the claims forming part of this specification.

A corn 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 perspective of my improved husker; Fig. 2, a side elevation of parts, and sectional elevation of other parts; Fig. 3, a perspective of the forefinger loop and guard strap, prepared ready for bending and securing to the husking pin; Fig. 4, a perspective without the forefinger guard; Fig. 5, a sectional elevation in the line 5, 5, in Fig. 4.

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 a sleeve a^2 screw threaded onto 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 that 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^5 the longer way of itself is oblique to the plane of the flat side a' of the pin A, and the sleeves a^2 , 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 the 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, and has a transverse slot b^2 therein, for purposes hereinafter described.

The central part of the loop strap C passes through the eyes a^3 , a^5 , and through the slot b^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^5 , respectively, over the loops c' and c^2 , to where they are united by a buckle c^5 . The turned back end c^4 also passes through the slots b^2 . By adjusting the sleeves a^2 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 prevent 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 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 strap D 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, and to better fit the knuckle of the forefinger, when the strap is curved and its end d' brought back to the eye a^6 , as shown, to form a loop or receptacle d^2 for the forefinger. The end b' of the strap B beyond the slot b^2 is riveted at d^2 to the strap D to hold its end d' in place, and also to secure the end b' of the strap B in place. When the 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, hereinbefore 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 strap D be substituted therefor.

If preferred the strap D can be omitted or left off entirely, and in that case the backward thrust of the pin in use will be prevented from injuring the finger as hereinbefore described. When the strap D is omitted from the husker, preferably the return end c^4 of the strap C should not pass through the slot b^2 , but exterior to the end b' of the strap B, as shown at Fig. 4, for the purpose of holding such end b' in place and out of the way.

If preferred the part of the strap C adjacent to the eye a^3 may be otherwise secured to the pin A than as I have shown; for instance, it may be secured to that end of the pin A as shown at Fig. 2 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 spirit 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 strap B and manner of connecting its forward end with the strap C, which constitute features of my invention.

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

1. A corn husker, comprising, substantially as hereinbefore described, a pin, and a guard strap, as B, fixed thereto and turned outwardly at one end to form a guard for the finger, and a single loop for the forefinger, its ends fixed to the pin, and its body part fixed to the outwardly turned end of the guard strap B.

2. A corn husker comprising, substantially as hereinbefore described, a pin, a guard strap, as B, having a slot b^2 and holes or slots through which the eyes a^3 , a^5 , pass, and a finger loop strap C, which also passes through the eyes a^3 , a^5 , and holds the strap B in place on the pin, and also passes through the slot b^2 , for the purpose specified.

3. A corn husker comprising, substantially as hereinbefore described, a pin, a guard strap B having an outwardly turned finger guard end b' with a slot b^2 , and a loop strap C, passed through eyes a^5 and a^6 , to form loops c' , c^2 , and through the slot b^2 , and having its turned back ends adjustably connected by a buckle, and its rear part connected with the end of the pin.

4. A corn husker, comprising, substantially as hereinbefore described, a pin, a guard strap, as B, having an outwardly turned finger guard end b' , with a slot, as b^2 , through which a loop strap, as C, which is secured to the pin, passes and is adjustably connected at its ends.

5. A corn husker comprising, substantially as hereinbefore described, a pin, a guard strap, as B, having an outturned end b' with a slot b^2 , a loop strap, secured to the pin to form loops or receptacles for part of the fingers, passed through the slot b^2 , and a separate loop, as D, fixed at one end to the pin and at its other end to the end b' of the strap B.

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

HAZEN H. PERKINS.

Witnesses:

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