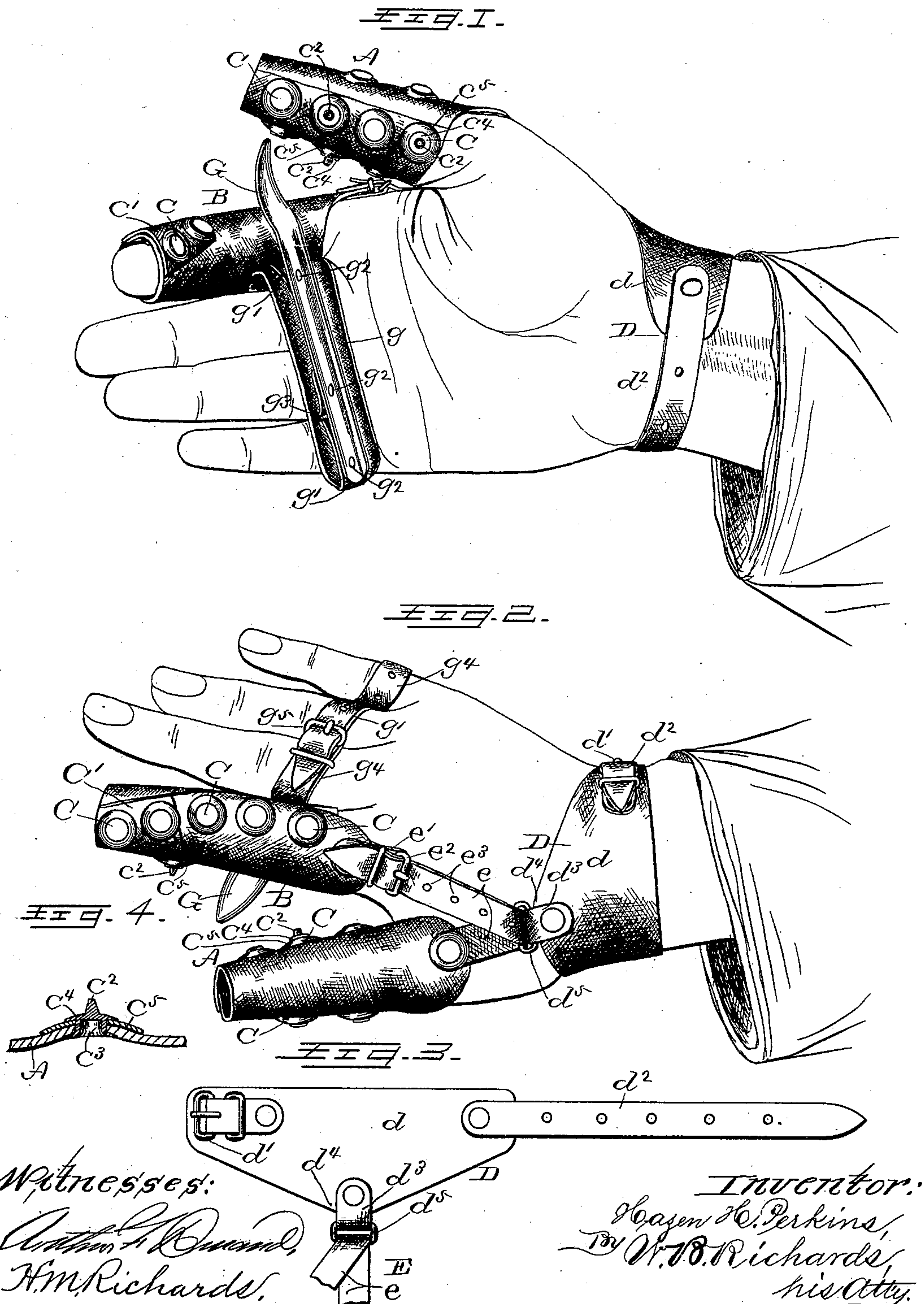


(No Model.)

H. H. PERKINS.  
CORN HUSKER.

No. 513,724.

Patented Jan. 30, 1894.





# 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. 513,724, dated January 30, 1894.

Application filed January 6, 1893. Serial No. 457,491. (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 thumb cot or protecting cover for the thumb, and a finger cot or protecting cover for the forefinger are adjustably connected with the wristband for retaining the cots respectively in place on the thumb and forefinger, and which are used with an ordinary husker consisting of a pin and loop straps for the fingers, and which husker is generally secured to the finger cot.

The leading object of my present invention is to provide husker thumb and finger cots, which are each flexibly connected with the wristband and with each other by an interposed connecting strap which is self adjusting, whereby a maximum of freedom of movement in flexing the thumb and finger is obtained, and chafing of said parts and of the hand prevented; and to this end and object my improvement consists in a thumb cot, and finger cot, connected with the wristband by a single strap, or by two straps which are adjustably connected with each other by a buckle or other means of adjustment to form a single strap, which is secured at one end to the thumb cot and at its other end to the finger cot, and at its midlength part is connected with the wristband in such manner as to permit of the connecting strap moving endwise of itself back and forth, with reference to the wristband.

The invention further consists in constructions and combinations hereinafter described and claimed.

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 the front side of a hand with my improved corn husker fixed thereon; Fig. 2, a perspective of the back side of a hand, with the husker fixed thereon; Fig.

3, a detail, a plan of the wrist strap, and fragmental part of the connecting strap; Fig. 4, a detail, an enlarged sectional elevation of one of the pointed protecting and husk tearing and grasping rivets.

The thumb cot A and finger cot B are formed of suitable leather blanks, united at their edges by rivets C. Ordinary reinforce pieces, or wear pieces D, may also be secured thereto, as desired, by rivets C. The wrist strap D may be of ordinary construction, but I prefer, however, to have it of substantially such form as shown at Fig. 3, with a triangular part  $d$  having a buckle  $d'$  at one end thereof, and an elongated part or strap  $d^2$  at the opposite end thereof, with a series of holes with either of which the tongue of the buckle may be engaged to fit the wrist strap to wrists of different sizes. A short strap  $d^3$  is fixed to the part  $d$  of the wrist strap at the angle  $d^4$ , and to the outer end of the strap  $d^3$  is fixed an oblong shaped eye or loop  $d^5$ .

The connecting strap E may be formed of a single strap; but for the purpose of adjusting it to hands of different sizes I prefer it in two parts,  $e$  and  $e'$ , one of which parts is fixed at one end to the thumb cot, and the other of which is fixed at one end to the finger cot, and one of which parts has a buckle  $e^2$  fixed to its other end, and the other of which parts has a series of holes  $e^3$ , in either of which holes the tongue of the buckle may be seated to adjust the length of the strap E for the purpose stated. The connecting strap E passes through the eye or loop  $d^5$ , and is free to slide or run back and forth endwise of itself through said eye or loop, and being free to thus slide or run endwise of itself is self adjusting to adapt itself to the finger and thumb as they are flexed in various ways in use, and thus relieve the rigidity of the parts, and the chafing action which accompanies them, when the thumb and finger cots are each connected by a strap to the wrist strap, which straps are fixedly connected with the wrist strap, for instance, as shown in Letters Patent No. 218,626, issued to W. E. Hall August 19, 1879. It will be evident that the strap  $d^3$  and loop  $d^5$  may be dispensed with, and the strap E run through a slot or loop formed in the part  $d$  of the wrist strap, and I consider my inven-



tion as broad enough to cover any such changes in the method of connecting the strap E, which permit said strap E to slide back and forth, as described, and for the purpose stated.

A portion of the rivets C which are used to unite the edges of the cots, and other rivets C which are used for wear pieces, and as aids in husking, are preferably formed of steel, and have projecting steel points  $c^2$ , as shown best at Fig. 4, which are integral with the hollow shank part  $c^3$  of the rivet, and with the disk  $c^4$ . Preferably in applying these pointed rivets a disk  $c^5$  is interposed between the disk  $c^4$  and the leather of the cot, and the shank of the rivet passed through the disk  $c^5$  and the leather of the cot is riveted, as shown at same figure, to hold the rivet, both disks  $c^4$  and  $c^5$ , and the point  $c^2$  in place. The disks  $c^4$  and  $c^5$  serve as wear plates to protect the cot, and the points  $c^2$  aid in separating and holding the husks in stripping them from the ears of corn.

The pointed rivets constructed as described, are economic of manufacture, very strong, and are especially adapted, as fixed to the cots, to withstand and resist the great strain upon them in husking, and its tendency to tear them from their fastenings to the cots.

The husking pin G may be of any ordinary construction, and is shown as having a guard strap  $g$  and loop strap  $g'$  mounted thereon, which loop strap and guard strap are secured to the pin by rivets  $g^2$ , and the loop strap run through an oblong shaped eye  $g^3$  to form the two loops or receptacles  $g^4$  for the second, third and fourth fingers, and adjustably connected at its ends by a buckle  $g^5$  for fitting it to fingers of different sizes. The loop strap  $g'$  is connected with the forefinger cot in any preferred way, not shown. Any ordinary husking pin and loop straps may be used, if preferred, as the particular class of pin and its guard straps and loop straps, shown, does not form the subject matter of any part of this invention.

All subject matter shown in the drawings herewith, and described in this specification, not pertaining to the self adjusting means for connecting the finger and thumb cots with each other and with the wrist-band, herein claimed, or not pertaining to the specific rivet herein claimed, and such other matters as are described and claimed in any other pending application filed by me, are hereby disclaimed in this case.

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

1. A corn husker comprising in combina-

tion, substantially as hereinbefore described, a thumb cot, a finger cot, a wristband, and a strap fixed at one end to the thumb cot and at its other end to the finger cot, and connected with the wristband by passing through an aperture which permits the connecting strap to slide back and forth endwise of itself.

2. A corn husker comprising in combination, substantially as hereinbefore described a thumb cot, a finger cot, a wristband, a slot or a loop connected with the wristband, a strap connected with the thumb cot, a strap connected with the finger cot and adjustably connected with the strap which is fixed to the thumb cot to form a strap, as E, which passes through a slot or a loop which is fixed to or formed in the wristband, to permit the strap E to slide back and forth endwise of itself.

3. A corn husker comprising in combination, substantially as hereinbefore described, a thumb cot A, finger cot B, wristband D, strap  $e$  fixed to the thumb cot, strap  $e'$  fixed to the finger cot and adjustably buckled to the strap  $e'$  to form a strap E, which passes through a loop or eye  $d^5$  which is connected with the wristband and permits back and forth endwise movement of the strap E.

4. A corn husker comprising in combination, substantially as hereinbefore described, a thumb cot, a finger cot, a wristband, a strap fixed at one end to the thumb cot and at its other end to the finger cot, and connected with the wristband by passing through an aperture which permits the connecting strap to slide back and forth endwise of itself, and a husking pin provided with loop strap or straps for a part of the fingers and connected with the finger cot.

5. A corn husker cot, comprising in its structure substantially as hereinbefore described, a cot or cover, and rivets having as integrant parts thereof a hollow shank part  $c^3$ , disk or flange  $c^4$ , and points  $c^2$ , the shank part  $c^3$  riveted in the fabric of the cot to hold the rivet in place thereon.

6. A corn husker cot, comprising in its structure, substantially as hereinbefore described, a cot or cover, a disk  $c^5$ , and rivets having as integrant parts thereof a hollow shank part  $c^3$ , disk or flange part  $c^4$ , and points  $c^2$ , the shank part  $c^3$  riveted in the fabric of the cot, to hold the rivet and the disk  $c^5$  in place thereon.

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

HAZEN H. PERKINS.

Witnesses:

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