(No Model.) 2 Sheets—Sheet 1.

H. H. PERKINS.

HUSKING PIN.

No. 418,219. Patented Dec. 31, 1889.

Fig. 1.

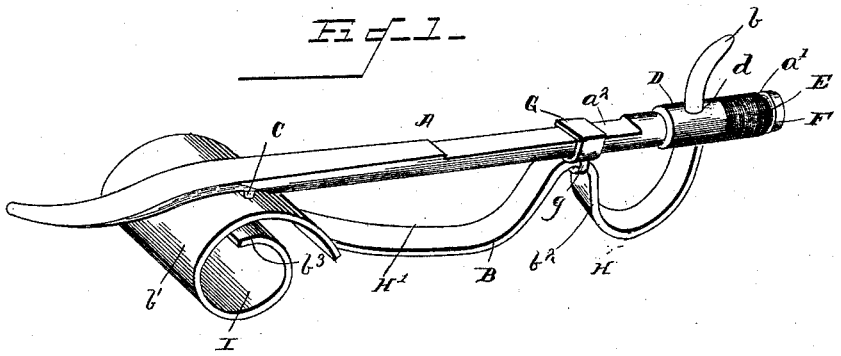


Fig. 2.

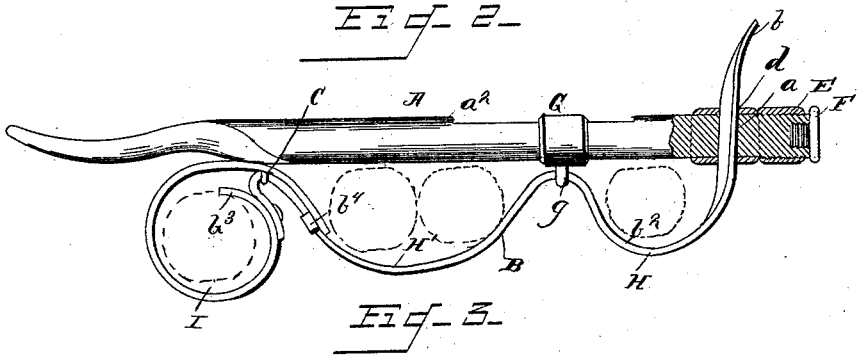


Fig. 3.

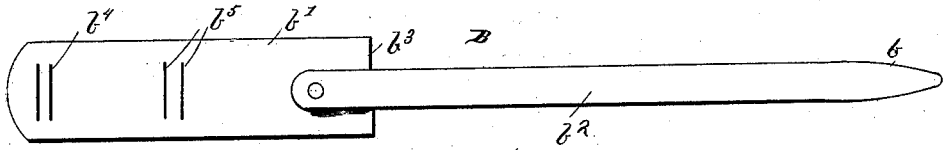
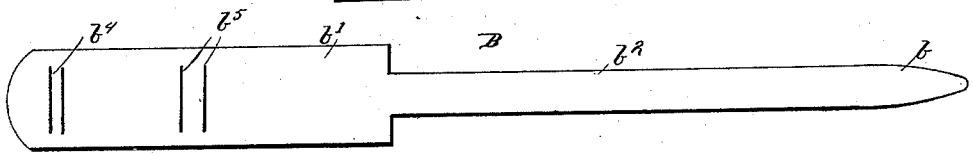


Fig. 4.



Witnesses

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(No Model.) 2 Sheets—Sheet 2.

H. H. PERKINS.

HUSKING PIN.

No. 418,219. Patented Dec. 31, 1889.

Fig. 5.

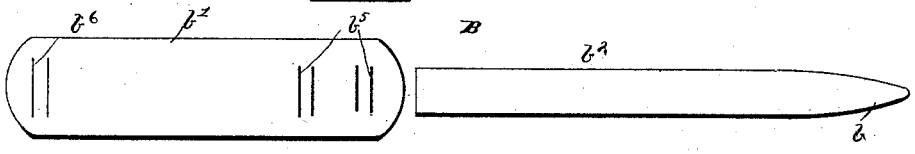


Fig. 6.

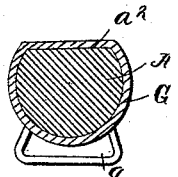


Fig. 7.

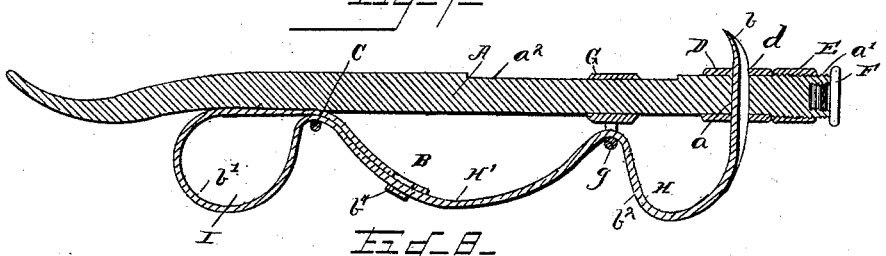


Fig. 8.

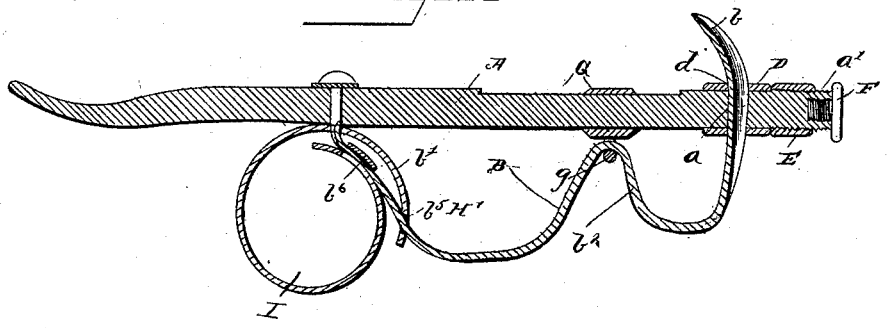
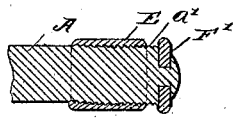


Fig. 9.



Witnesses
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UNITED STATES PATENT OFFICE.

HAZEN H. PERKINS, OF KEWANEE, ILLINOIS.

HUSKING-PIN.

SPECIFICATION forming part of Letters Patent No. 418,219, dated December 31, 1889.

Application filed August 8, 1889. Serial No. 320,149. (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 on a husking-pin described in my application for Letters Patent, filed April 3, 1888, Serial No. 269,419.

The object of the present invention is to improve the construction of the finger-guard and its attachment to the pin and enable it to be readily adjusted to the hand.

The invention consists in the construction and novel combination and arrangement of parts 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 the invention. Fig. 2 is a side elevation of the same, partly in section, to show the construction of the rear end. Fig. 3 is a detail plan view of the strap. Figs. 4 and 5 are similar views of modifications of the strap. Fig. 6 is a transverse sectional view of the pin and sleeve. Figs. 7 and 8 are detail views showing the manner of attaching the straps illustrated in Figs. 4 and 5. Fig. 9 is a detail view of a modification of the end of the pin.

Referring to the accompanying drawings, A designates a husking-pin, of similar form to the one described in the above-mentioned application and provided with a strap B, which forms a guard for the fingers. The pin A is provided near its front end with an eye C, which is soldered or similarly secured to the pin, and is flattened and adapted to have the front portion of the strap attached to it, and the rear end of the pin is provided with a transverse opening a and has sliding upon it a perforated sleeve D, whose perforations d are adapted to register with the transverse openings a to receive the end b of the strap B, and the said sleeve is adapted to slide sufficiently to bind upon the strap and prevent the latter becoming loose. By this construction the strap may be readily slipped through the opening to vary the size of the loops. The end a' of the pin is threaded and provided with a nut E, which engages the sleeve D and securely holds it in contact with the end b of the strap B, and the said end is provided with a set-screw F, which limits the movement of the sleeve and nut and prevents the nut being lost; but, as illustrated in Fig. 9 of the accompanying drawings, a collar F′ may be employed to prevent the nut being lost.

The pin A intermediate of its ends has its upper surface flattened and is provided with a sleeve G, having an eye g, which is similar to the eye C, and receives the strap B between the eye C and opening a, and is adapted to divide that portion of the strap between those points into two loops H and H′, that are designed to receive the little finger and the fingers between the index and little fingers. The flattened portion a^2 prevents the pin turning, and it extends along the pin A sufficiently to permit the loops H and H′ to be varied the desired amount, and the flattened portion a^2 and the eyes C and g and opening a are at a slight angle to the upper surface of the point of the pin in order to bring the pin in proper position when on the hand.

The strap B consists of a wide portion b' and a narrow portion b^2, which may be formed integral or constructed separately, as illustrated in the drawings; but it is preferably made in two pieces and riveted together, the rivet being a sufficient distance from the end to form a flap b^3, which extends above the index-finger and completes the loop I. The strap B is provided with end slits, which form a strip b^4, and with a series of slits b^5, which receive the eye C and enables the size of the loop which receives the index-finger to be varied. In order to put the strap in position, the eye C of the pin is inserted through one of the slits b^5, and the narrow portion of the strap is passed through that eye, thereby confining the strap on the eye, and then under the strap b^4 and through the eye g, and the end b is confined in the opening a. By this construction a broad guard is provided to protect the hand in thrusting, and the size of the loops may be readily varied.

In Fig. 7 is illustrated the manner of securing the strap when the wide and narrow portions are formed integral, and in Fig. 8 is

shown a strap formed of two pieces and not riveted together. In this strap a strip b^6, similar to the strip b^4, is provided, and the narrow strap is secured to the eye C and passed through the strip b^6.

From the foregoing description and the accompanying drawings the construction, operation, and advantages of the invention will readily be understood.

What I claim is—

1. A husking-pin having a finger-guard looped, as described, and composed of a wide and narrow strap, said wide strap being provided with an end slit and adjusting-slits, substantially as described.

2. A husking-pin provided with a strap composed of a wide and a narrow portion, the wide portion being provided with slits and forming a guard and the narrow portion being divided into adjustable loops, substantially as and for the purpose described.

3. The combination of the pin having the eye C, opening a, and slide G, provided with an eye g, and the strap consisting of wide and narrow portions, the wide portion b' being provided with slits b^5 and the strip b^4 and having the eye C projecting through one of the slits b^5, and the narrow portion being secured to the wide portion and inserted through the eyes C and g and opening a, whereby the loops I, H, and H′ are formed, substantially as described.

4. A husking-pin having a flat side and provided with a sliding sleeve conforming to the configuration of the pin, and a strap secured to the pin near the ends thereof and being engaged by the slide, whereby the pin is prevented turning in the hand of the operator, substantially as described.

5. A husking-pin provided with the eye C, opening a, and the slide G, having an eye g, said slide, eye, and opening being arranged at an angle to the upper face of the point of the pin, and a strap secured to the pin and the slide, substantially as described.

6. In a husking-pin, the pin provided with the opening a, the perforated sleeve D, the nut E, and the set-screw F, having a head larger than the opening of the sleeve, in combination with a strap, substantially as described.

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

HAZEN H. PERKINS.

Witnesses:

J. H. MANNON,

A. F. SHARP.