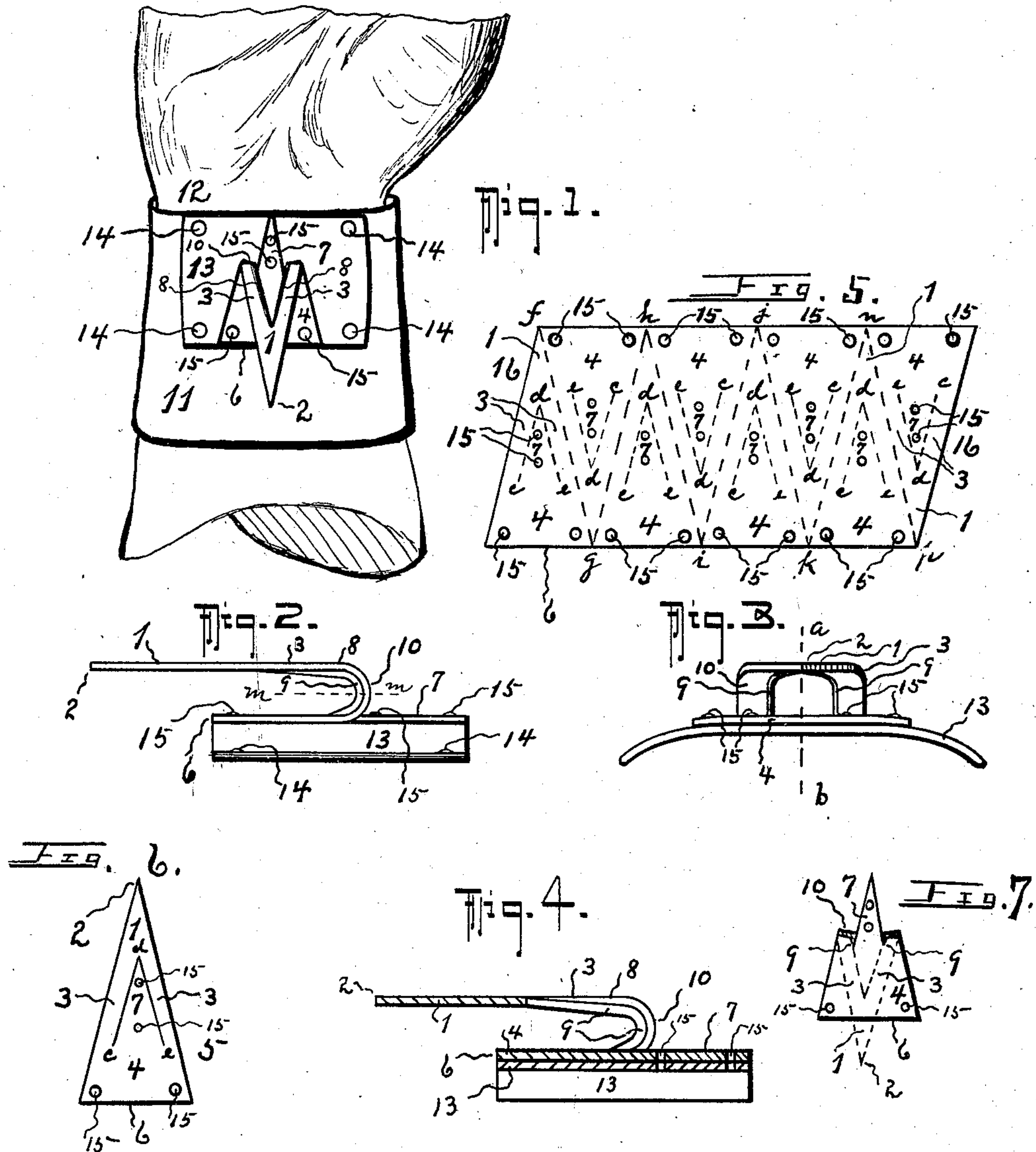


No. 860,066.

PATENTED JULY 16, 1907.

F. SHIMERDA.
CORN HUSKING DEVICE.
APPLICATION FILED JAN. 12, 1907.



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UNITED STATES PATENT OFFICE.

FRANK SHIMERDA, OF SWANTON, NEBRASKA.

CORN-HUSKING DEVICE.

No. 860,066.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed January 12, 1907. Serial No. 351,921.

To all whom it may concern:

Be it known that I, FRANK SHIMERDA, a citizen of the United States, residing at Swanton, in the county of Saline and State of Nebraska, have invented certain new and useful Improvements in Corn-Husking Devices, of which the following is a specification.

This invention relates to improvements in corn-husking device,—and is used secured upon the wrist of a person while manually separating husks from ears of corn.

The primary object of the inventor is to provide a device which may be used upon the wrist so that the prong of the device may enter between the husks of the ear at the time of one movement of the arm, in a manner so that the hand of that arm may grasp the ear thus partly denuded of its husks, leaving the other hand free to remove, by a single movement, the remaining husks of the ear; the construction being such that the prong of the device moves in advance of the hand, thereby accomplishing the result by two movements instead of three or more, as is generally the case.

Another object is the presentation of a device, which is effective for the purposes designed, and which, while compact in form, may be economically constructed.

The invention also has reference to a method of cutting a series of the devices from blank plates, which results in a saving of material; and also refers to features for forming inner edges upon the prong, and to the curvature of the shank found to be of advantage.

With these and other objects in view, the invention presents a new construction and arrangement of parts fully described herein, pointed out by the claims and illustrated by the drawing herein.

Figure 1 represents a front view of a corn-husking device embodying my invention, said device being secured upon the wrist. Fig. 2 is a side view of the prong and prong-base secured upon the wrist-plate. Fig. 3 is a view of the prong and prong-base secured upon the reinforcing plate, being a view looking to the point of the prong. Fig. 4 is a somewhat similar view to that shown in Fig. 2, the parts being sectioned as on line *a b* of Fig. 3. Fig. 5 is a diagrammatic figure, illustrating a method of incising a metal plate for forming a series of the devices, to illustrate economical features in the manufacture of the invention. Fig. 6 is a face view of a triangular plate, being a detail relating to Fig. 5. Fig. 7 is a plan view showing the prong and prong-base sectioned on the line *m m* of Fig. 2 introduced for the purpose of clearly showing the downturned edges 9 of ribs 3.

Referring now to the several figures in the drawing;

the numeral 1 indicates the prong of a corn-husking device having a point 2 and provided with ribs 3 formed divergently from the point 2 and passing to- ward and formed as an integral part of the prong-base 4 these parts being formed to advantage by incising a triangular plate 5 (Fig. 6) on lines *c d e*, said lines *c d* and *d e* being parallel with the long sides of this triangular plate and extended from the point of convergence at *d* toward the end 6, the ribs 3 at their points of greatest divergence being curved and formed to overhang and pass substantially parallel with the base 4, thereby forming a projecting part or sustaining-plate 7, occupying the same plane as base 4; the plate by this construction has the prong 1 on the same plane as ribs 3, and the inner edges 8 of ribs 3 are curved inwardly or downwardly, as by crimping these edges to form engaging blades 9 which present themselves downwardly and inwardly from the concave inner wall of the ribs 3 and their curved portions 10. A band 11 is passed around the wrist 12 of the operator and secured thereon in any convenient manner. I employ a re-inforcing plate 13 having a transverse curvature to conform to the shape of the wrist and by means of rivets 14 secure the plate to band 11, the prong-base 4 and sustaining plate 7 being secured upon the re-inforcing plate 13 by means of rivets 15.

From the description it will be understood that when using the invention, it is secured upon the wrist, the prong being pointed in a direction opposite to the hand; the rivets may be countersunk or have a smooth oval head so they will not be obtrusive. An ear of corn is held by one hand and a stroke is made so that the prong engages and removes a part of the husks, the hand following this movement then holding the ear so that the other hand may complete the operation, thereby requiring but two movements to accomplish stripping the husks from the ear, the inturned or downwardly turned edges 9 upon the inner curved part of the shank of ribs 3 permit a more secure grip for the prong and prevent undue slipping of the prong along the husks in a direction lengthwise with said husks.

The invention may be economically manufactured by using for the prong and prong-base a metal plate of any desired length as metal plate 16 (Fig. 5), and incising this plate as on the lines *f g* and *g h* to form a series of triangular plates, each triangular plate, of said series having rivet apertures, as at 15 and incised as upon the lines *c d e* to form a sustaining plate 7, and to form ribs 3, prong-base 4 and prong 1, the incised part on lines *c d e* being then upset and curved to overhang the base 4, by suitable means, at which time the inturned edges 9 may be formed. This method of

cutting results in a saving of material, and it is considered that the invention is effective for the purposes intended, and may be economically manufactured.

What I claim as my invention is,—

- 5 In a husking device, the combination with a wristband, a rectangular base-plate secured thereon, a second plate triangular in outline secured upon said rectangular base-plate and having its base parallel with the base of said base-plate; the upper half of said second plate being in-

cised in lines parallel with the apex and bent downward to form a hook and extended below the edge of said base-plate. 10

In testimony whereof he has affixed his signature in presence of two witnesses.

FRANK SHIMERDA.

Witnesses:

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