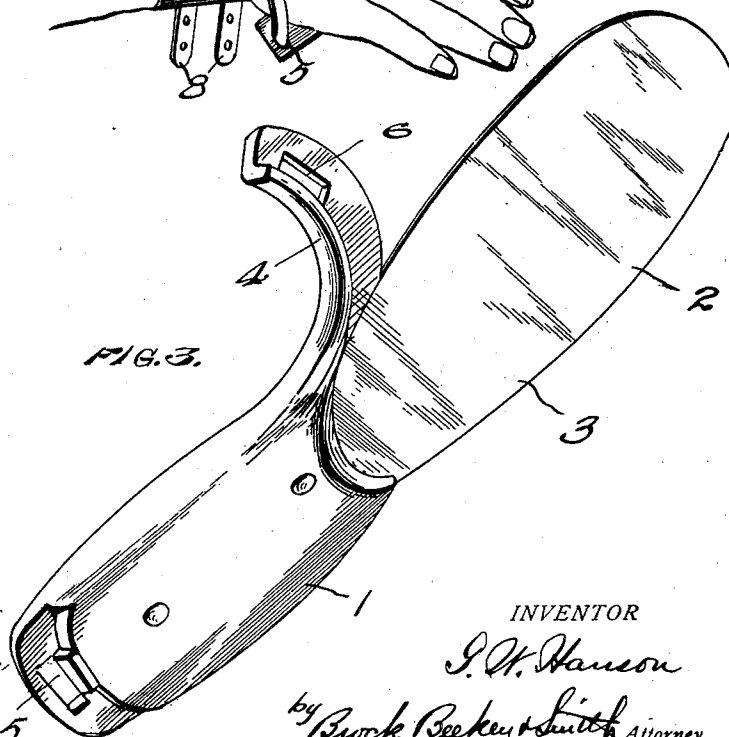
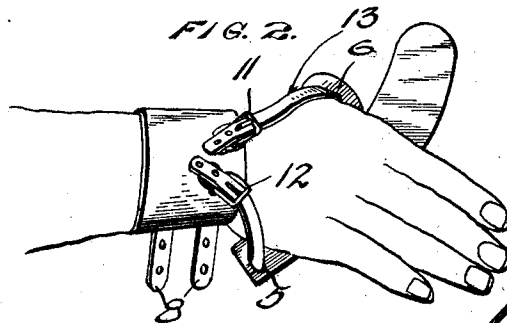
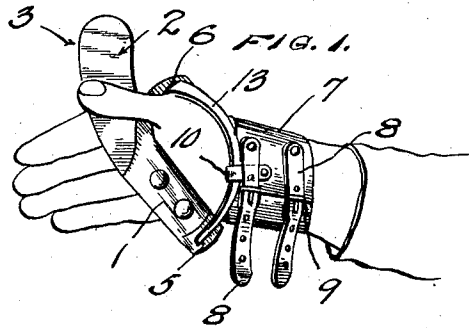


G. W. HANSON.
BROOM CORN KNIFE.

APPLICATION FILED JULY 11, 1908. RENEWED APR. 16, 1910.

972,187.

Patented Oct. 11, 1910.



WITNESSES
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UNITED STATES PATENT OFFICE.

GUSTAF W. HANSON, OF MARQUETTE, KANSAS.

BROOM-CORN KNIFE.

972,187.

Specification of Letters Patent.

Patented Oct. 11, 1910.

Application filed July 11, 1908, Serial No. 443,040. Renewed April 16, 1910. Serial No. 555,932.

To all whom it may concern:

Be it known that I, GUSTAF W. HANSON, a citizen of the United States, residing at Marquette, in the State of Kansas, have invented a new and useful Broom-Corn Knife, of which the following is a specification.

My invention relates to a new and improved knife for cutting or stripping broom corn, and also a harness which is in most cases used in connection with the knife for holding it in the hand.

The knife is provided with a guard which fits the hand between the thumb and forefinger so that the knife will not slip downward in the hand in cutting. The harness is constructed and arranged so that when the knife is in position the hand may be freely opened to grasp the corn without danger of the knife being displaced.

The accompanying drawing shows an exemplifying structure embodying the invention. It is to be understood, however, that the invention is capable of being embodied in many different forms.

I describe my invention as adapted to use in cutting or stripping broom corn but it is, of course, understood that I contemplate any other uses of the invention to which it may be adapted.

Figure 1 is a perspective view of the knife in use, from the front of the hand. Fig. 2 is a similar view from the back of the hand, and Fig. 3 is an enlarged perspective view of the knife detached from its harness.

Reference character 1 designates the handle and 2 the blade, of which 3 is the edge. The knife is provided with a guard 4 which may conveniently be an extension of the handle. This guard is shaped to conveniently fit the hand between the thumb and forefinger as shown in Fig. 1. In cutting broom corn pressure is applied to the edge of the blade in the general direction of the arrow shown in Fig. 1. The guard therefore, as shown, is constructed and arranged to resist the tendency of the knife to slip down in the hand

during the cutting. The end of the handle is provided with an eye 5 and the end of the guard is provided with an eye 6.

The knife in some cases may be used alone, as shown in Fig. 3. I generally provide a harness to hold it securely in the hand so that the hand may be opened without danger of the knife becoming displaced. The harness will now be described.

Wrist band 7 encircles the wrist of the user and is held by one or more straps 8 and buckles 9. At a point which is about at the base of the thumb when the harness is in use, a loop 10 is secured to the band. At the back of the wrist, buckles 11, 12, are secured to the band. A strap 13 is secured in buckle 11, passed first through the eye 6 in the guard, then around the base of the thumb, through loop 10, through eye 5 in the end of the handle and is then passed through buckle 10 and drawn up as snug as is desired and secured in the buckle. The harness thus constructed and arranged holds the knife very securely both when the hand is opened to grasp the corn and during the cutting action.

It is to be noted that the perforated straps and buckles afford means for adjusting the apparatus to hands of various sizes.

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

The combination of a knife including a blade, a handle and a curved guard fitting the hand between the thumb and forefinger, and a harness comprising a wrist band, and an adjustable strap connected to the wrist band and passing through eyes in the end of the handle and the guard and serving to retain the knife securely in position in the hand.

GUSTAF W. HANSON.

Witnesses:

A. L. BUZZI,
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