Jan. 6, 1942. F. KUNZ 2,269,210

HAY KNIFE

Filed May 28, 1940

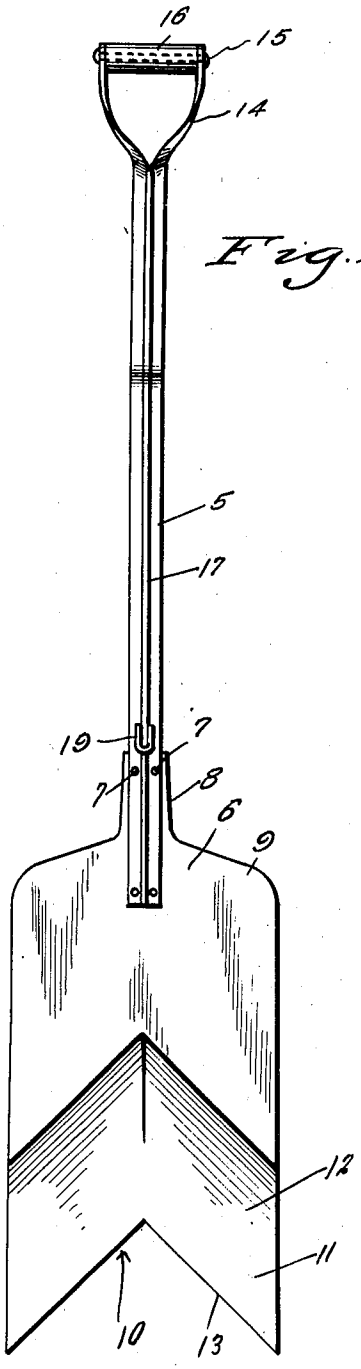


Fig. 1.

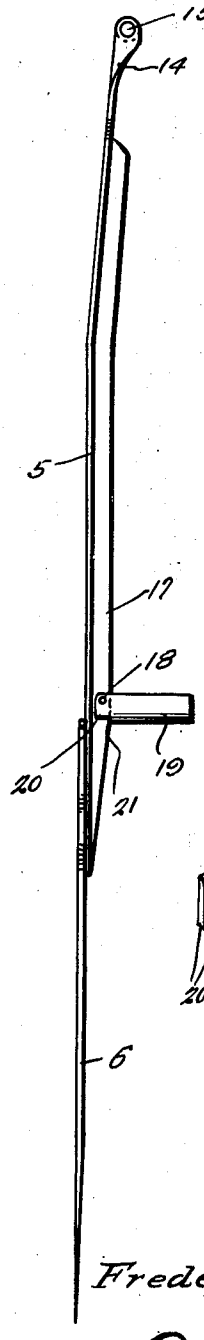


Fig. 2.

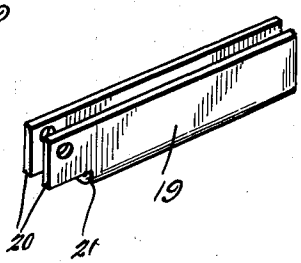


Fig. 3.

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Patented Jan. 6, 1942 2,269,210

UNITED STATES PATENT OFFICE

2,269,210

HAY KNIFE

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Application May 28, 1940, Serial No. 337,729

2 Claims. (Cl. 30—315)

The present invention relates to new and useful improvements in hay knives and has for its primary object to provide a device of this character of all metal construction, including a handle portion of T-form in cross section to the lower end of which is secured a flat, double-pointed blade of thin, lightweight metal, the other end of the handle being provided with a hand grip member, the invention further including the provision of a foldable stirrup pivotally carried by the handle adjacent the blade to facilitate the penetration of the knife into the stack of hay and to also enable the stirrup to be folded against the handle when not in use.

A further object of the invention is to provide a tool of this character of simple and practical construction, which is strong and durable, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part hereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a rear elevational view,

Figure 2 is a side elevational view, and

Figure 3 is a perspective view of the stirrup.

Referring now to the drawing in detail, the numeral 5 designates the handle portion of the knife which is of T-shape in cross section, the flat surface of the handle being secured flatwise against the rear face of a blade 6 and secured thereto by means of rivets or the like 7. The blade 6 is of relatively broad flat form and is provided at its attached end with an extension 8 positioned flatwise against the handle and which extends longitudinally thereof. The sides of the blade 6 project outwardly at each side of the handle and form rounded shoulder portions 9.

The lower end of the blade is formed with a V-notch 10 defining a forked extremity 11 on the lower end of the blade. The rear surface of the blade throughout its area of the notched end is beveled as shown at 12 to provide a sharpened cutting edge 13.

The other end of the handle is split longitudinally to form a pair of outwardly diverging arms 14 between which a pin 15 is positioned and on the pin is placed a tubular hand grip 16 which forms a spacing member between the arms 14.

The rib portion 17 of the handle projects from the rear surface thereof and adjacent its lower end is provided with a pin 18 on which is pivotally mounted a stirrup 19, the stirrup being formed of a strip of metal bent upon itself into substantially U-shaped form in cross section, the open edge of the stirrup extending upwardly and adapted for receiving the rib 17 when the stirrup is folded longitudinally against the handle.

The sides of the stirrup, at the inner end thereof, is provided with extensions 20 positioned against opposite sides of the rib 17 and the bight portion of the stirrup, at the inner end thereof, forms a stop 21 adapted to engage the rib to support the stirrup in a horizontal position.

When the device is in use and the stirrup 19 is in its open position, as shown in Figures 1 and 2 of the drawing, the foot of the user may be placed on the stirrup to facilitate the penetration of the blade 9 into the stack of hay for separating portions therefrom.

It is believed the details of construction, advantages and manner of use of the device will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention, what I claim is:

1. A hay knife comprising a handle having a flat front surface and a central longitudinal rib projecting rearwardly from said handle, a flat blade secured flatwise against the front surface of the handle at its lower end, a hand grip at the upper end of the handle and a stirrup of channel form in cross section pivoted at one end to said rib, the stirrup being adapted for folding longitudinally against the handle and receiving the rib in said channel when the stirrup is in its folded position.

2. A hay knife comprising a handle having a flat front surface and a central longitudinal rib projecting rearwardly from said handle, a flat blade secured flatwise against the front surface of the handle at its lower end, and a stirrup of channel form in cross section pivoted at one end to the rib with the open edge of the channel disposed upper most and adapted for swinging upwardly into a position longitudinally of the handle with said rib entered into the channel of the stirrup, the base of said channel terminating short of the pivoted end of the stirrup and forming a stop adapted to abut the rib for supporting the stirrup in a horizontal position.

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