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FENCING TOOL FOR UNROLLING BARBED WIRE

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Fig. 1

Fig. 2

Fig. 3

Fig. 4

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The present invention generally relates to a fencing tool and more particularly to a device useful so that one may handle a roll of barbed wire without having to actually carry or pack the wire since the wire can be unrolled from the present invention while the same is sitting in a vertical position or can be unrolled along the ground surface by pulling the tool along such surface.

An embodiment of the present invention is a fencing tool in the form of a carrier for a spool of barbed wire incorporating a structural arrangement in which the spool of barbed wire may be unrolled when the carrier is anchored with the spool rotatable about a vertical axis so that the strand of barbed wire may be pulled outwardly or when the strand of barbed wire is anchored and the spool unrolled along the ground surface by pulling the tool behind the operator.

Other objects of the present invention will reside in its simplicity of construction, ease of operation, adaptation for its particular purposes, ease of manipulation and relative inexpensive manufacturing cost.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinabove described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, without which to actually by using a heavy shoe or the like depending upon the soil conditions and may be completely dispensed with in some instances.

Referring now specifically to FIGURE 4, it is noted that the forward end of the angle iron member 33 has the vertical flange thereof terminating before the horizontal flange with the horizontal flange having a downturned end 56 with the pipe 18 being disposed therebetween. The area of the angle iron member immediately adjacent the terminal end of the vertical flange is formed as a box member preferably and a bolt 58 extends through- there. The bolt 58 has a wash plate 60 mounted on the lower end thereof with the retainer plate 60 having an upturned lip 62 on the forward edge thereof for engagement with the bottom edge of the downturned flange 56 for locking the plate 60 in under- lying relation to the pipe 18. The upper end of the bolt 58 is provided with a spring 64 and a washer nut 66 whereby the plate 60 may be grasped and pulled downwardly and then pivoted about the axis of the bolt 58 to an out-of-the-way position so that the frame may be lifted off of the pipe 18 thus permitting removal and replacement of the barbed wire spool. Since there is very little force exerted on the plate 60, the spring 64 need not be too strong but the nut 66 may be provided for tensioning the same to assure that while the plate 60 will retain the frame on the pipe 18, the same may be released by applying manual pressure thereto.

The unrolling device of the present invention may be used by anchoring the free end of the barbed wire 16 and unrolling the same from the spool by pulling the tool along over the ground surface. The spool 14 projects just slightly beyond the plate 20 for providing traction to the spool so that the same will unroll against the ground surface to prevent any possibility of the spool spinning freely thus loosening a multiplicity of turns of the barbed wire on the reel thus eliminating any possibility of tangling and kinking since rotation of the spool will be positive and in direct proportion to the linear distance traversed.

If it is desired to unstrung the wire in the position shown in FIGURE 2, it is only necessary to turn the device so that the pipe 18 is disposed in vertical position after
which the stake or spike 44 is driven into the ground surface through the transverse tubular handle member 40.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed is as new is as follows:

A device for aiding in the unreeving of wire on a spool comprising a generally U-shaped frame having an elongated handle member extending from the right portion thereof, a transverse hollow member at the free end of said handle member forming hand grips and adapted to receive an anchoring tool when disposed in the vertical position, an axle journaled between the free ends of the legs of the U-shaped frame, a pair of circular wheels fixedly attached to said axle and being removable therefrom, a spacer on said axle disposed inwardly of one of said wheels for spacing the spool carried by the axle from said one wheel for enabling the spool to be rotated when in horizontal or vertical position, and means detachably mounting the ends of the axle on the ends of the legs of the frame, said means including a downwardly opening recess in the outer end of each leg of the frame whereby the recess may receive the ends of the axle by downward movement onto the axle, and a closure plate for said recess for retaining the axle in the recess, said closure plate being spring biased into engagement with the lower edges of the recess and being swingable to an out-of-the-way position for permitting removal of the axle from the recesses.

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