

Dec. 16, 1924.

1,519,738

W. L. MCGOWAN

HOG RING HOLDER

Original Filed Sept. 11, 1923

Fig. 1.

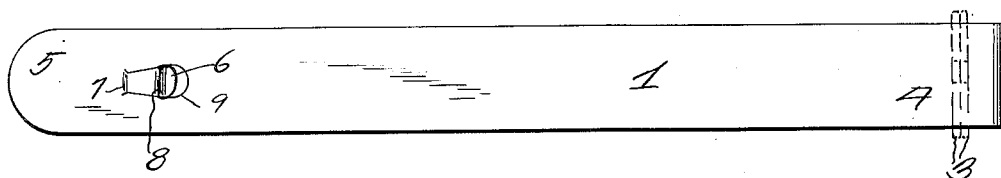


Fig. 2.

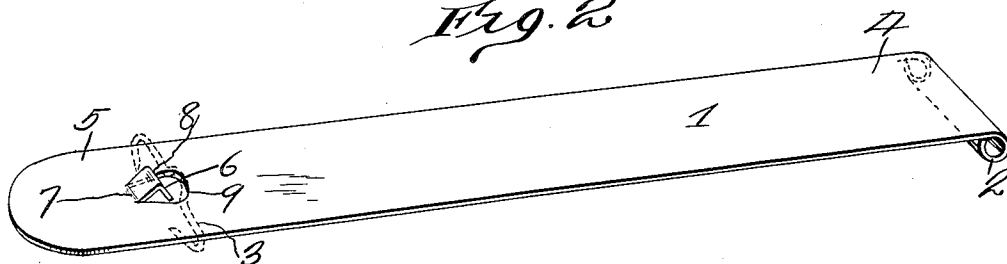


Fig. 3.

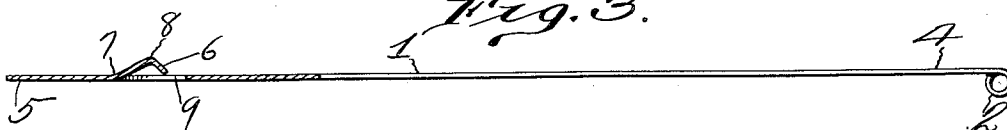
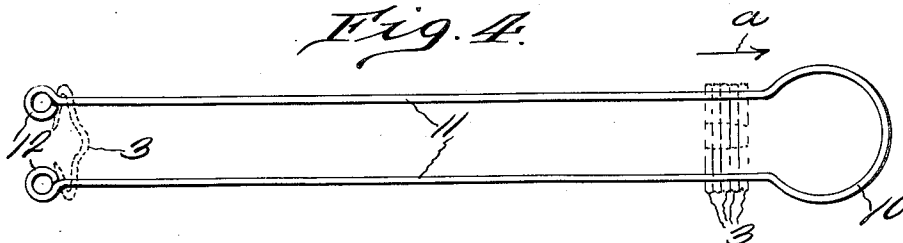


Fig. 4.



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UNITED STATES PATENT OFFICE.

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HOG-RING HOLDER.

Application filed September 11, 1923, Serial No. 632,156. Renewed October 10, 1924.

To all whom it may concern:

Be it known that I, WILLIAM L. MCGOWAN, a citizen of the United States, residing at Galt, in the county of Grundy, State of Missouri, have invented a new and useful Hog-Ring Holder; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to hog ring holders and has for its object to provide a device of this character comprising an elongated member on which a plurality of hog rings may be placed and used as needed, thereby obviating the present practice of shipping and storing hog rings in boxes where they become tangled. Where rings of this character are shipped or stored in boxes, they soon become tangled and if shaped or stored in a paper box they break the box, thereby causing the loss of rings.

A further object is to form the ring holder from a single piece of material, having means at one of its ends for engaging the rings and preventing the rings from coming off the member at one of its ends. The other end of the elongated member is provided with means cooperating with the end ring for holding and preventing the rings from coming off said other end of the member, said last named means being constructed in a manner whereby rings may be removed over the same as needed for use. With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawing, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings:—

Figure 1 is a plan view of the device.

Figure 2 is a perspective view of the device.

Figure 3 is a side elevation, partly in section of the device.

Figure 4 is a plan view of a modified form of ring holder formed from a single piece of wire.

Referring to the drawing, the numeral 1 designates an elongated strip which may be formed from any kind of material, however it is preferably formed from light sheet

metal, and 2 a roll carried at one end, which roll prevents the triangular shaped hog rings 3 from coming off the end 4 of the strip. The elongated strip 1 may be of any length desired according to the number of triangular shaped rings 3, it is desired to ship or sell in one group, for instance a hundred rings. The practice heretofore has been to ship hog rings of this character in paper boxes, however it has been found that the boxes become broken and the rings scattered. Another objection to loosely shipping the rings has been found to be, that the rings become tangled and necessarily have to be untangled in removing a ring from the box. The above difficulties are obviated when the present device is used, as the rings are held on the device in a manner whereby they cannot become tangled and at the same time may be easily slid off the end 4 thereof. To prevent the rings from coming off the end 5 of the strip 1, a tongue 6 is provided, which tongue is formed from pliable material and when bent outwardly at 7 and then bent inwardly at 8 forms a lug which will prevent the rings from sliding off the end 5 of the strip. It will be noted that the tongue 6 is wider at its outer end, consequently when the tongue is bent to the position shown, the end thereof is disposed in a narrow portion of the aperture 9 formed by the striking out of the tongue, and consequently will not pass through said aperture and will positively hold the rings 3 until bent to allow passage of said rings thereover.

Referring to Figure 4 wherein a modified form of ring holder is provided, the ring holder comprises a segmentally shaped portion 10 formed from wire, the ends of which terminate in spaced arms 11 in parallel relation to each other. The segmentally shaped member 10 limits the movement of the rings 3 in the direction of the arrow *a*, thereby preventing the rings from coming off the device in the direction of the arrow *a*. The ends of the arms 11 are provided with eyes 12 which engage the adjacent outer ring 3 and prevent the ring from coming off the arms 11 until the arms 11 are flexed together, at which time the rings 3 may be removed from the arms 11 as desired for use. The device as shown in Figure 4 is preferably formed from a single piece of spring wire. For storage purposes the holders may be supported on nails, for

instance by passing a nail through the aperture 9 in the form shown in Figure 2 or through the segmentally shaped member 10 in the form shown in Figure 4.

5 From the above it will be seen that a hog ring holding device is provided, on which hog rings may be placed and held without tangling and in registration with each other and from which device, the hog rings as
10 needed may be easily and quickly removed.

The invention having been set forth what is claimed as new and useful is:—

1. A hog ring holder comprising an elongated member adapted to receive a plurality
15 of hog rings, means at one end of said member for preventing the rings from coming off said end of the member and a centrally disposed struck out angularly shaped spring tongue carried by the other end of the mem-
20 ber and forming means for preventing the

rings from coming off said other end of the member.

2. A hog ring holder for triangular shaped hog rings, said holder being formed from a single piece of metal and adapted to
25 receive thereon a plurality of hog rings, an integral member carried by one end of said member, the other end of said member being provided with a struck out tongue tapering
30 from its point of jointure to the member outwardly towards its end, said tongue being angularly bent and having its end extending towards the member.

In testimony whereof I have signed my name to this specification in the presence of
35 two subscribing witnesses.

WILLIAM L. MCGOWAN.

Witnesses:

E. T. PROCTOR,
S. W. D. SPRUCE.