

(Model.)

A. L. HILL.  
HAME TUG LOOP.

No. 264,534.

Patented Sept. 19, 1882.

FIG. 1.

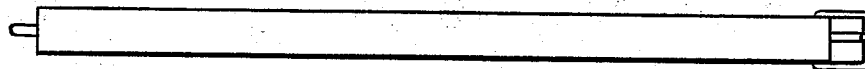


FIG. 2.

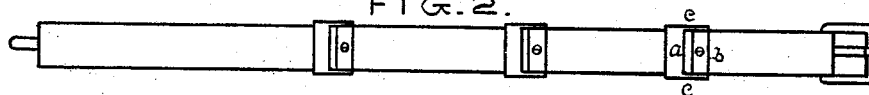


FIG. 3.

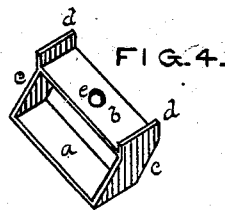
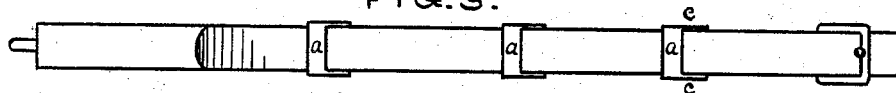
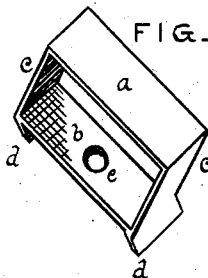


FIG. 5.



Witnesses

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# UNITED STATES PATENT OFFICE.

ANDREW L. HILL, OF DECATUR, ILLINOIS.

## HAME-TUG LOOP.

SPECIFICATION forming part of Letters Patent No. 264,534, dated September 19, 1882.

Application filed May 29, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, ANDREW L. HILL, a resident of the city of Decatur, in the county of Macon and State of Illinois, have invented certain new and useful Improvements in Hame-Tug Loops, of which the following is a specification.

My object is to provide a metallic loop for hame-tugs that may be readily and securely attached without any special preparation of the tug.

My invention, as shown in Figures 4 and 5 of the accompanying drawings, consists in plates *a* and *b*, one in advance of the other, connected by diagonal end pieces, *c c*, and provided with lugs *d d* and hole *e*.

Fig. 1 shows a hame-tug ready for the loops. Fig. 2 is the same with loops attached. Fig. 3 shows the end of the long tug in its position in the loops, and Figs. 4 and 5 are perspective views of the detached loop.

*a* is the top, *b* the bottom, and *c c* the ends, of the loop. *d d* are lugs that fit over the edges of the tug to prevent twisting, and *e* is the hole through which the loop is secured to the tug.

In attaching the loop to the tug either screws or rivets may be used, and the position of the upper plate, *a*, is such as to not interfere with the screw-driver or riveting-tool.

The loop will be cast in one piece, giving it the advantage of cheapness, together with great durability and facilities for ready attachment.

The inclined sides or ends *c c* take the upper plate, *a*, away from or out of line of the lower plate, *b*, so that in riveting or otherwise fastening through the hole *e* direct access can be had to the head of the holding means. At the same time this inclination causes the loop to rest more securely in place, and prevents harsh contact with any object which may come in front of it. The projections *d d* are run down at right angles to the plate *b*, and are not inclined, so that there will be no sharp point projecting out of line of the plate *b*.

I claim—

A hame-tug loop formed of the two plates *a b*, inclined side plates, *c c*, and straight projections *d d*, whereby the upper plate is held out of line with the lower, and the projections *d d* clamp the sides, but do not project beyond the trace, substantially as set forth.

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Witnesses:

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