

M. Heilman,

Fly Net.

No. 98493.

Patented Jan. 4. 1870.

Fig. 1.

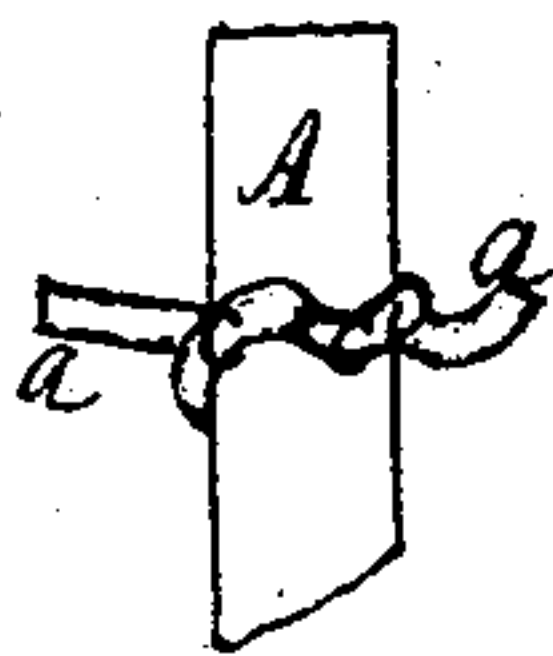


Fig. 2.

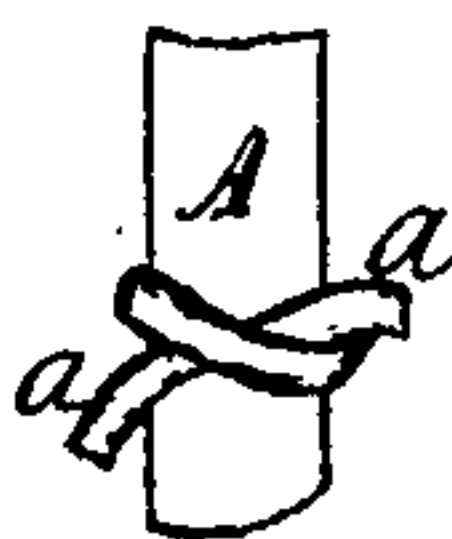


Fig. 3.



Witnesses.

B. O. Brown.

L. Styles.

M. Heilman, Inventor, by
Geo. E. Brown, Attorney.

United States Patent Office.

MOSES HEILMAN, OF LEBANON, PENNSYLVANIA.

Letters Patent No. 98,493, dated January 4, 1870.

IMPROVED MODE OF SECURING LASHES IN FLY-NETS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern :

Be it known that I, MOSES HEILMAN, of Lebanon, in the State of Pennsylvania, have invented a new and useful Improvement in Leather Fly-Nets; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a plan view of the upper side of the lash and loops;

Figure 2 is a plan view of the under side of the same; and

Figure 3 is an end elevation of the same.

This invention consists in so combining the lashes and ribs of a fly-net, that each lash is first passed through the hole in each rib from beneath upward; is then bent once around the rib, forming a cross-cord on its under side, then passed through the same hole from above, downward, and then led to the next rib, forming on each rib two side loops, in neither of which is there a crossing of one part of the lash by another.

To enable those skilled in the art to make and use my invention, I now proceed to describe its construction and operation.

Similar letters in the drawings refer to like parts.

A is the leather rib of a fly-net, and *a a* are the leather lashes running parallel across, and connecting the ribs.

In fastening the lashes to the ribs, the end of the lash is first inserted through the hole from beneath, upward, forming the branch *a'*, and the lash is drawn as far as required. It is then doubled around one edge of the rib, passed underneath it, forming a cross-cord, *b*, doubled round the other edge, and then passed again through the hole, this time from above, downward, and, passing to the opposite side of the cross-cord from the branch *a'*, is thence led to the next rib.

On drawing the lash tight about the rib, it forms two loops, *c c'*, in neither of which is there a crossing of two parts of the lash.

In this respect my manner of connection differs from that shown by D. W. Hurst, in his patent of July 21, 1868. His lashes cross the loops, and thus tend to wear them out more quickly.

What I claim as new, and desire to secure by Letters Patent, is—

The manner herein described of fastening the lashes upon the ribs, the manner consisting in passing each lash twice, in opposite directions, through the same hole in each rib, and bending the lashes around, so as to form two such loops on each rib as have no crossing of the lash in them.

MOSES HEILMAN.

Witnesses:

A. S. LIGHT,
DEBBIE LIGHT.