

(No Model.)

W. FEGLEY.
FLY NET FOR HORSES.

No. 270,040.

Patented Jan. 2, 1883.

Fig. 1.

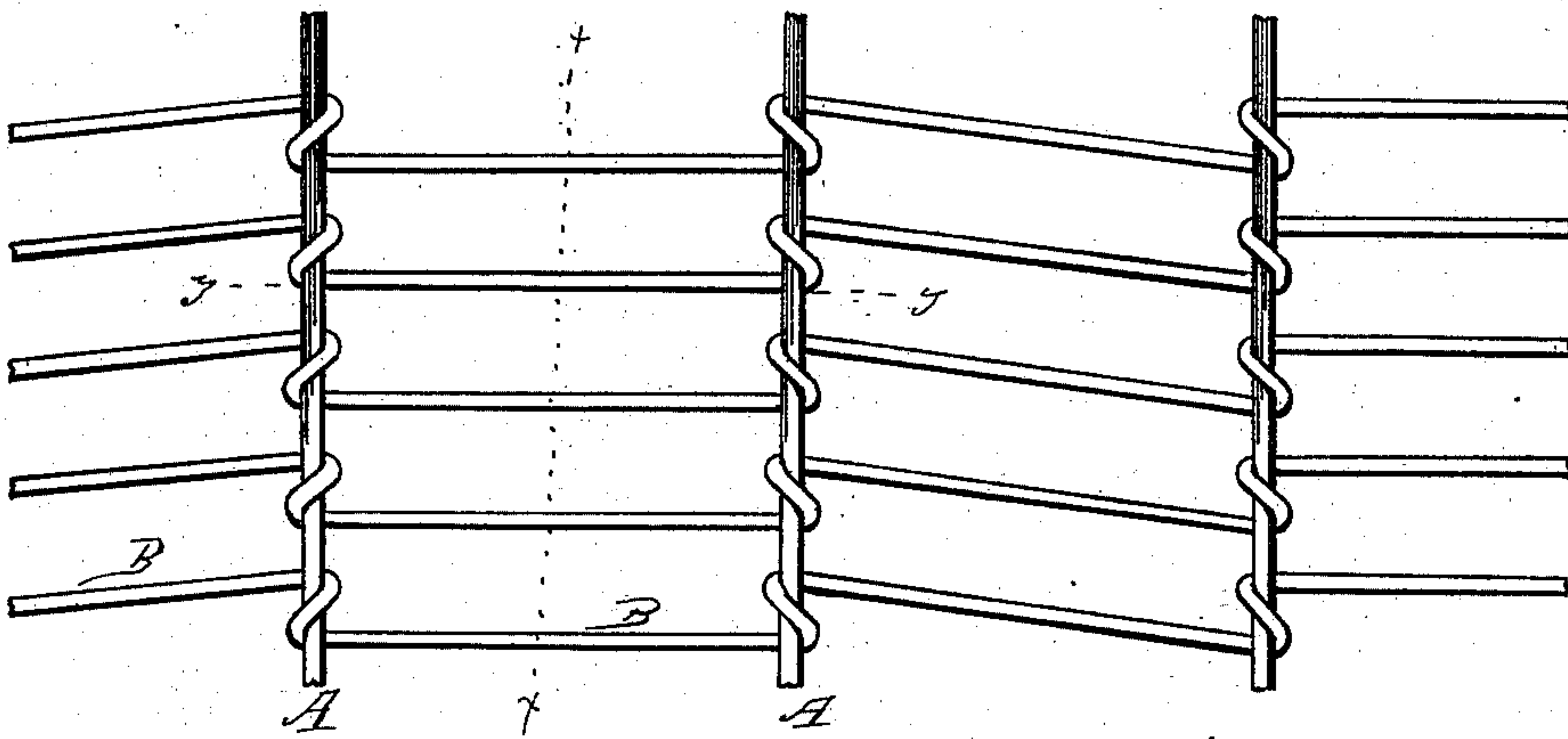


Fig. 2.

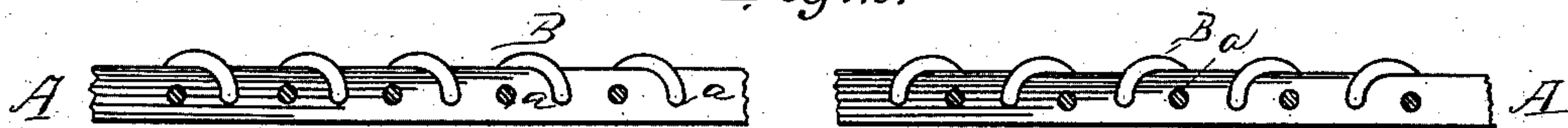


Fig. 3.

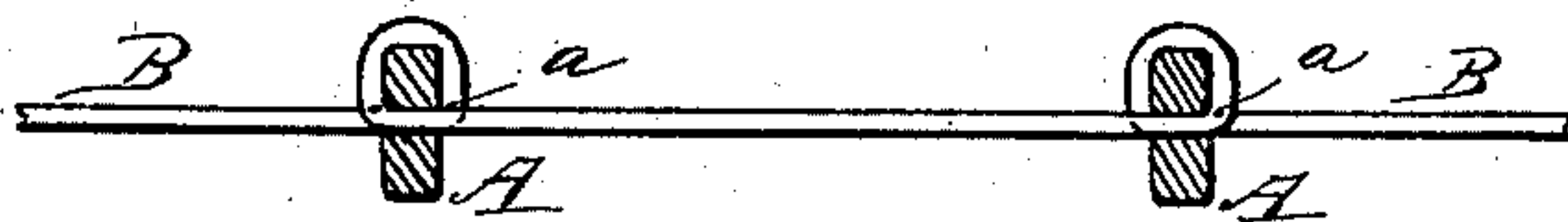
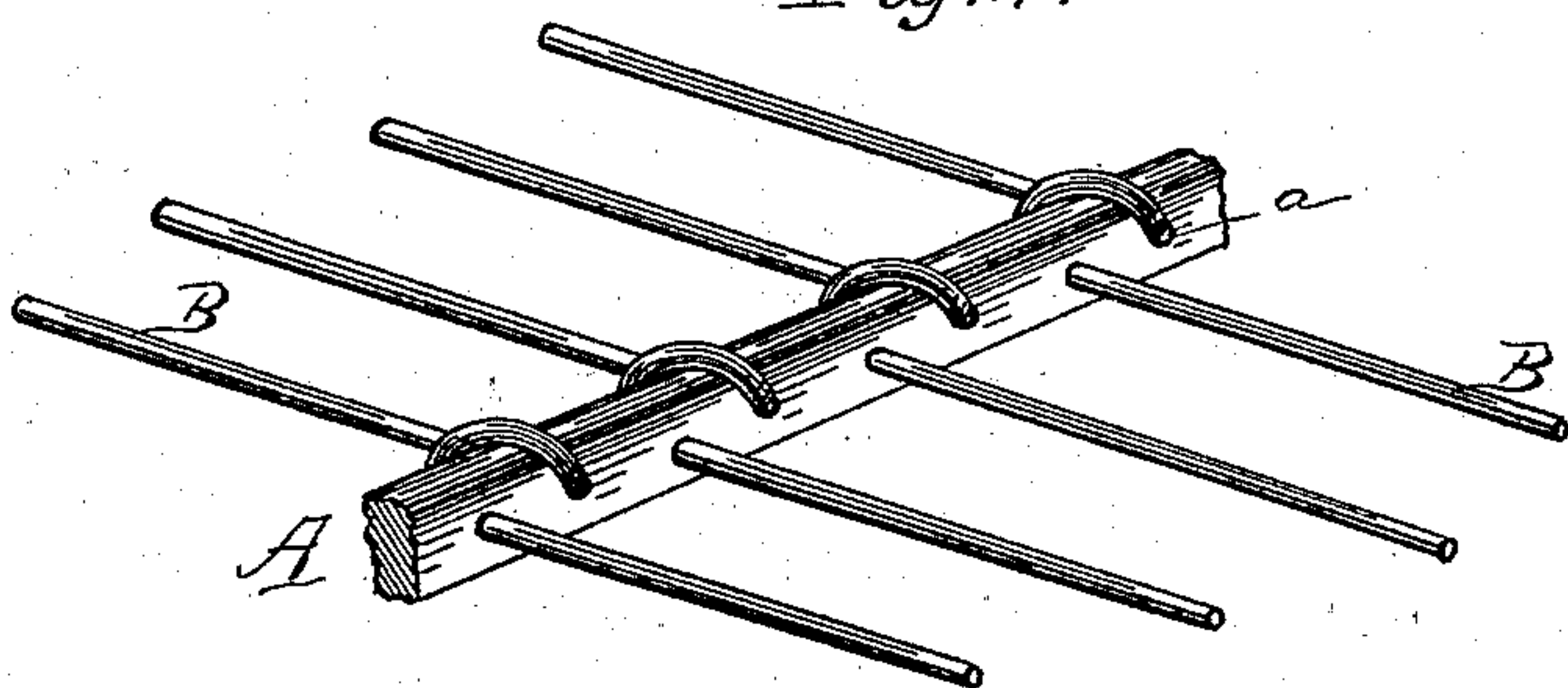


Fig. 4.



Witnesses:

E. H. Johnson
Ellis Mills

Inventor

Willoughby Fegley

By

John S. Johnson

Attorney

UNITED STATES PATENT OFFICE.

WILLOUGHBY FEGLEY, OF OVID, NEW YORK.

FLY-NET FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 270,040, dated January 2, 1883.

Application filed November 13, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLOUGHBY FEGLEY, a citizen of the United States of America, residing at Ovid, in the county of Seneca and State of New York, have invented certain new and useful Improvements in Fly-Nets for Horses; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in fly-nets for horses; and it consists in a fly-net which is composed of flat longitudinal ribs which are pierced with holes on the same line and equidistant from each other, in which holes or perforations the lashes are inserted, so as to pass diagonally over the upper edge of said rib and through the adjacent perforations, so that the ends of the lashes will project at right angles to the ribs, whereby the ribs are held in a vertical position and securely attached to the lashes.

In the annexed drawings, which illustrate my invention, Figure 1 is a plan view of a portion of the fly-net. Fig. 2 is a longitudinal section taken through the line *x x*. Fig. 3 is a transverse section taken through the line *y y*, and Fig. 4 is a perspective view.

Prior to my invention leather fly-nets have been constructed which were composed of flat longitudinal slips which were perforated, the lashes being secured thereto by being passed through the perforations and over the flat portion of the rib to the adjacent perforations, in which case the lashes projected through the under side of the rib and are only held in their proper position by the adjacent ribs, which will be the case whether the lashes are looped longitudinally or diagonally across and through the ribs. Fly-nets have also been provided with cylindrical ribs, through which the lashes have been passed so as to embrace

a part of the rib, the lashes being passed either twice through the same perforation or through perforations which cross each other at right angles. It will be evident to those skilled in the manufacture of nets that these previous inventions are dissimilar from my improvement, and that the net which I produce by my specific construction is superior and stronger.

In the accompanying drawings, A represents longitudinal ribs which are rectangular in shape, and are provided with central perforations, *a a*, which are equidistant from each other. The lashes B, which are composed of leather strings, are passed through one of the perforations *a*, and are then brought up over and diagonally across the upper part of the rib A and passed through the next adjacent perforations. Thus the lashes project over the sides of the ribs at right angles therewith. By this construction the lower part of the rectangular ribs rests upon the back of the horse, and no bends are made in the lashes at that portion which projects beyond the ribs, and the net will lie flatly upon the back of the horse. Owing to the lashes being raised at the portion to which they are attached to the ribs, they will last longer, as it is at this point where they are bent sharply that they generally break, owing to the accumulation of dirt and the chafing of the leather.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A fly-net having flat ribs pierced with holes equidistant and on the same line, and provided with lashes inserted in said holes and passed diagonally over one edge of the ribs and through the adjacent perforations, so that the ends of the lashes project at right angles with the ribs, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

WILLOUGHBY FEGLEY.

Witnesses:

I. D. THOMAS,
ALFRED B. HAUSE.