

No. 640,632.

Patented Jan. 2, 1900.

H. COOPER.  
FLY NET.

(Application filed Sept. 23, 1899.)

(No Model.)

Fig. 1.

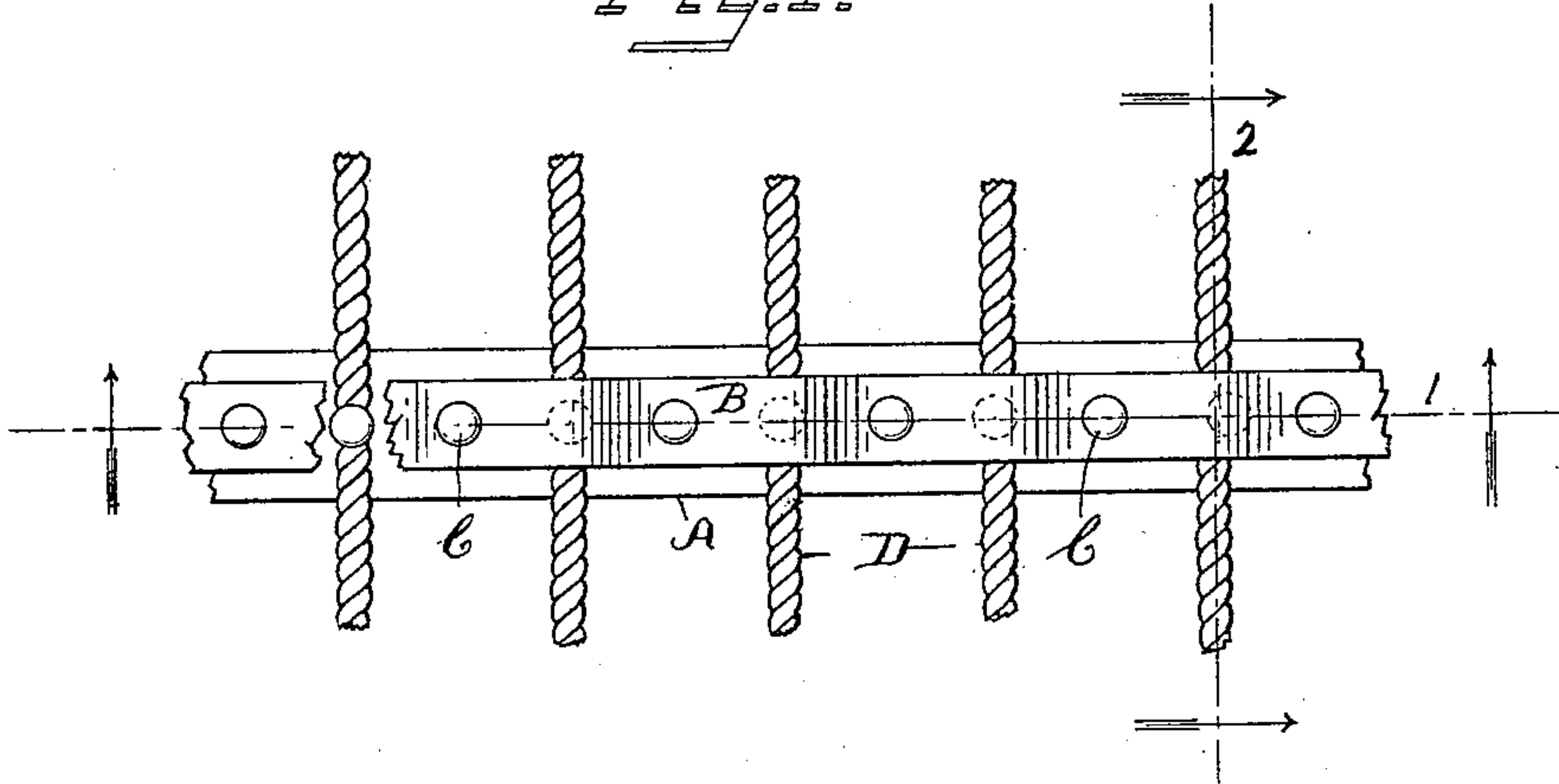


Fig. 2.

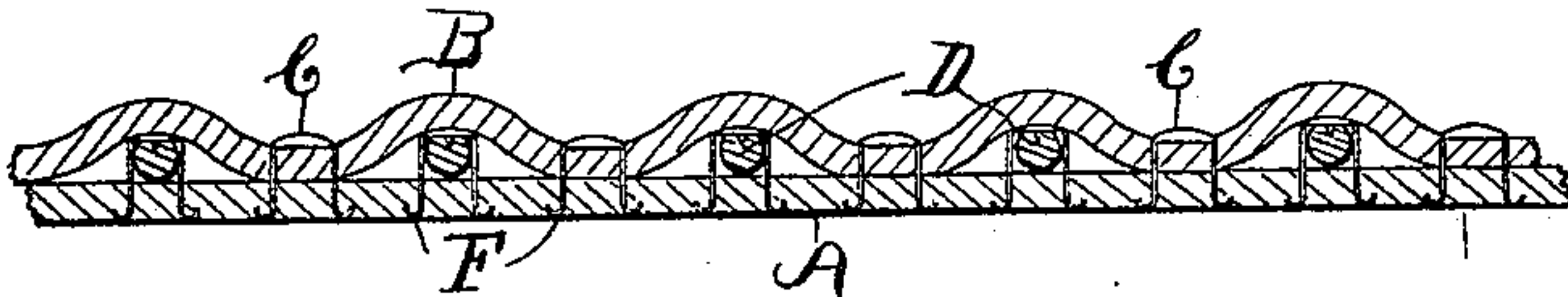


Fig. 3.

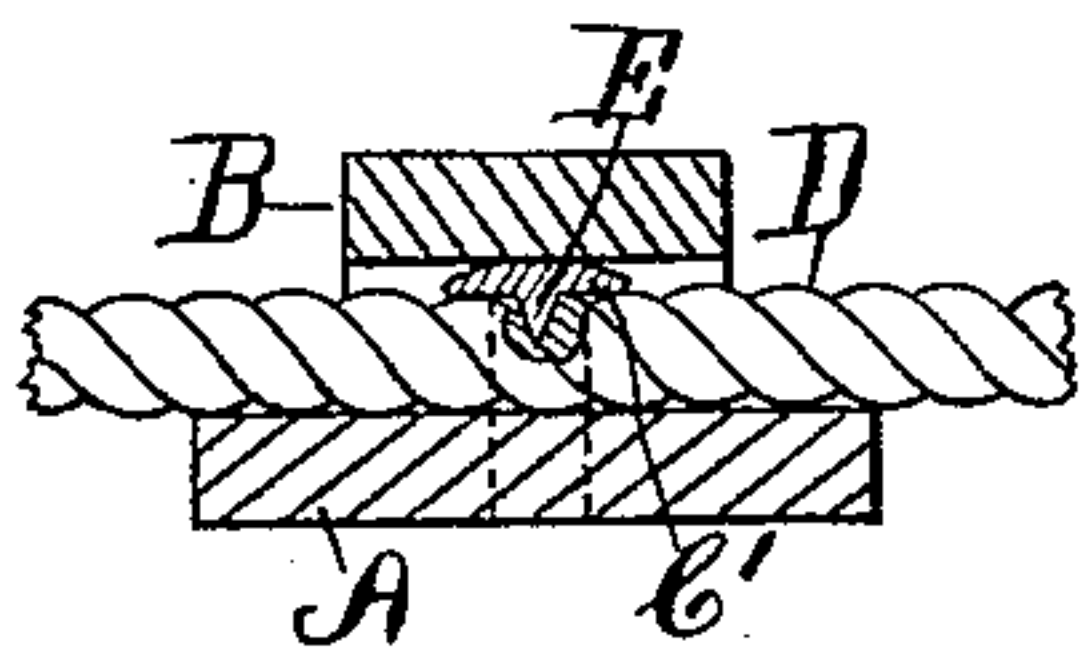
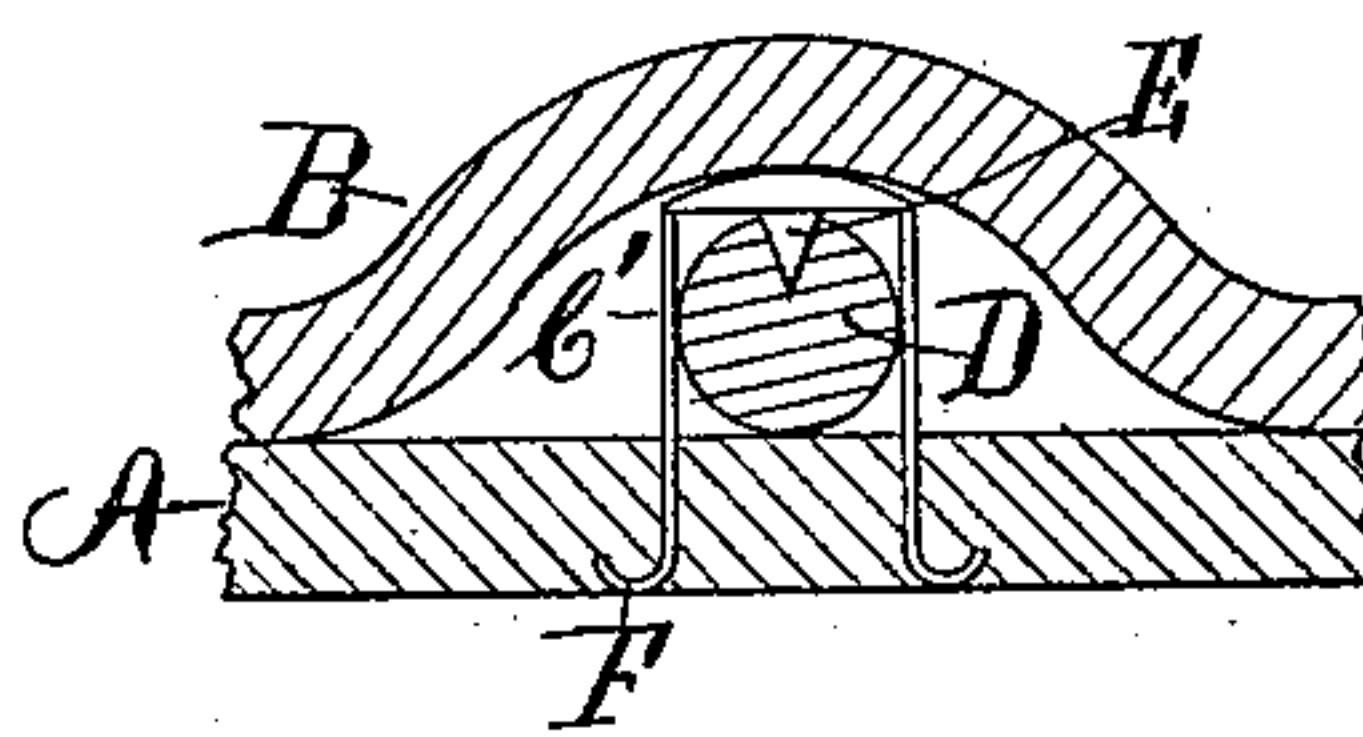


Fig. 4.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

HENRY COOPER, OF MORRIS, ILLINOIS.

## FLY-NET.

SPECIFICATION forming part of Letters Patent No. 640,632, dated January 2, 1900.

Application filed September 23, 1899. Serial No. 731,394. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY COOPER, a citizen of the United States of America, residing at Morris, in the county of Grundy and State of Illinois, have invented certain new and useful Improvements in Fly-Nets, of which the following is a specification.

This invention relates to certain improvements in fly-nets for use on horses or other animals, which improvements are fully set forth and explained in the following specification and claim, reference being had to the accompanying drawings and the letters of reference thereon, forming a part of this specification, in which—

Figure 1 is a plan view of a portion of the fly-net. Fig. 2 is a central longitudinal section of Fig. 1, taken on line 1, looking in the direction of the arrow. Fig. 3 is a cross-sectional view of Fig. 1, taken on line 2, looking in the direction of the arrow, but looking at the side of a section of one of the lashes; and Fig. 4 is an enlarged longitudinal section of the two horizontal straps and a cross-section of one of the lashes and a side view of one of the staples for securing the lash to the lower or inner strap and showing an integral prod or point of the head of the staple for entering the lash for preventing it from being pulled through the staple in either direction.

Referring to the drawings, A and B represent a pair of longitudinally-arranged straps, secured one to the side of the other by means of staples C, driven through the two straps and clenched, as shown at F.

D represents the lashes, which pass through between the straps A and B and between the staples C, securing the two straps together.

C' represents a staple for securing the lash to the lower or inner strap A, and E represents an integral prod or point on the under side of the head of the staple C' for entering the lash, as shown particularly in Figs. 3 and 4, for preventing the lash from being drawn through said staple in either direction.

When the staples are driven home, their legs are clenched in the form shown at F and turned back into the strap, so they may not catch upon objects or injure the animal upon which the net is placed.

It will be observed that a separate and different staple is used for securing the two straps together from that used to secure the lashes to the inner strap and that the lashes are not attached directly to the outer strap, which construction gives much more elasticity to the parts than would be the case were one staple used to connect the two straps and the lashes all at one place, and the outer strap B being placed over the staple C', holding the lashes, thoroughly prevents the staples C' from getting loose and falling out and loosening the lashes.

I am aware that the lashes have heretofore been attached to a single horizontal strap by means of staples, but not having the integral prod E for preventing the lashes from pulling through, as stated; but I am not aware that the lashes have heretofore been attached to a strap as stated and shown and a second strap attached as shown to the inner strap by means of staple-fastenings located between the lashes and leaving the lashes free from any direct attachment to the outer straps in the manner set forth.

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

In a fly-net, the combination of the horizontally-arranged straps A and B, staples C for attaching said straps together at regular intervals, the lashes D arranged across and between said straps between the staples C, connecting said straps, and the staples C', having the integral prods or points E, for attaching the lashes to the inner strap A substantially as set forth.

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Witnesses:

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