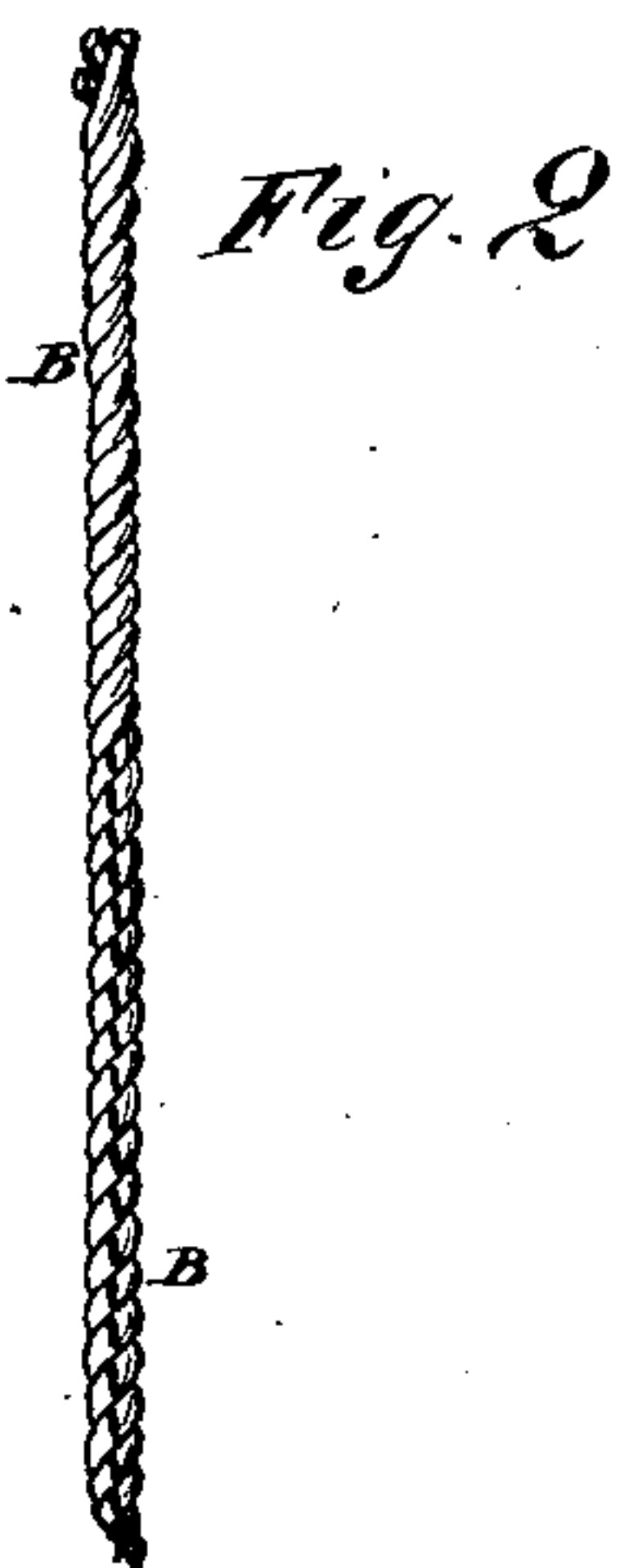
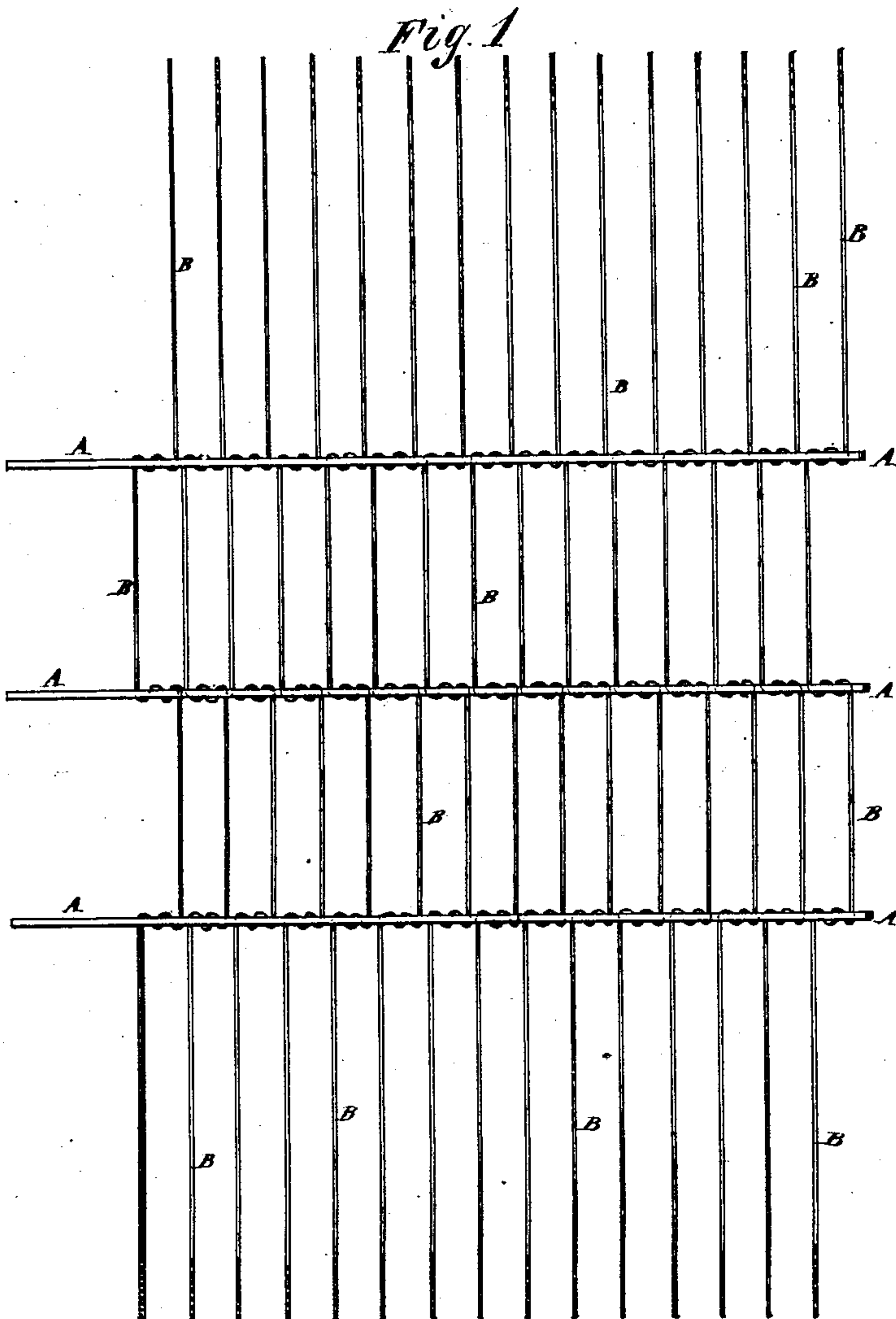


L. B. & G. W. LEE.  
Fly-Net.

No. 163,668.

Patented May 25, 1875.



WITNESSES:

*A. W. Almqvist*  
*J. H. Scarborough.*

INVENTOR:

*L. B. Lee*  
*G. W. Lee*  
BY *Munroe*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

LUTHER B. LEE AND GEORGE W. LEE, OF RIDGEWOOD, NEW YORK.

## IMPROVEMENT IN FLY-NETS.

Specification forming part of Letters Patent No. **163,668**, dated May 25, 1875; application filed March 6, 1875.

*To all whom it may concern:*

Be it known that we, LUTHER B. LEE and GEORGE W. LEE, of Ridgewood, in the county of Queens and State of New York, have invented a new and useful Improvement in Fly-Nets, of which the following is a specification:

Figure 1 is a plan view of a portion of one of our improved fly-nets. Fig. 2 is a detail view of the end part of one of the cross-bars enlarged.

Similar letters of reference indicate corresponding parts.

The object of this invention is to improve the construction of fly-nets made with cord cross-bars in such a way as to prevent the ends of the cross-bars from untwisting, and at the same time give to said ends a neat appearance. The invention consists in the combination of the thread-stitching with the cross-bars, and in a stitched fly-net cord, made as herein-after fully described, as an improved article of manufacture.

Heretofore in making fly-nets with cord cross-bars the ends of said cords were secured against untwisting and wearing or whipping out by metal tips applied to their ends, and by knots tied upon said ends. Both of these methods are objectionable. The swelling and shrinking of the cords, consequent upon the wetting and drying of the cords, cause the metal tips to become loose and come off. The knots

are bungling, and the knotted cords soon become entangled, and cannot free themselves.

A are the longitudinal bars of the net, which are made of leather, of suitable size. B are the cross-bars, which are made of cord, and are quilted or stitched through the longitudinal bars A a sufficient number of times to prevent the said cross-bars from slipping through the said longitudinal bars. The end parts of the cross-bars B are stitched upon a sewing-machine for a few inches, as shown in Fig. 2. This stitching may be done after the net is made; but we prefer to stitch the cord before the net is made. In this case the cord is stitched throughout its whole length, or at regular intervals, so that when cut into proper length for cross-bars, each piece may have its ends stitched. The latter method is preferred, as it enables the cord to be prepared and sold to net-makers ready for use.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

As an article of manufacture, a cord for the cross-bars or strands of fly-nets, stitched as and for the purpose specified.

LUTHER B. LEE.  
GEORGE W. LEE.

Witnesses:

SYLVESTER SMITH,  
WILLIAM S. HICKS.