

(No Model.)

J. E. KELLY.

BARBED FENCE.

No. 296,753.

Patented Apr. 15, 1884.

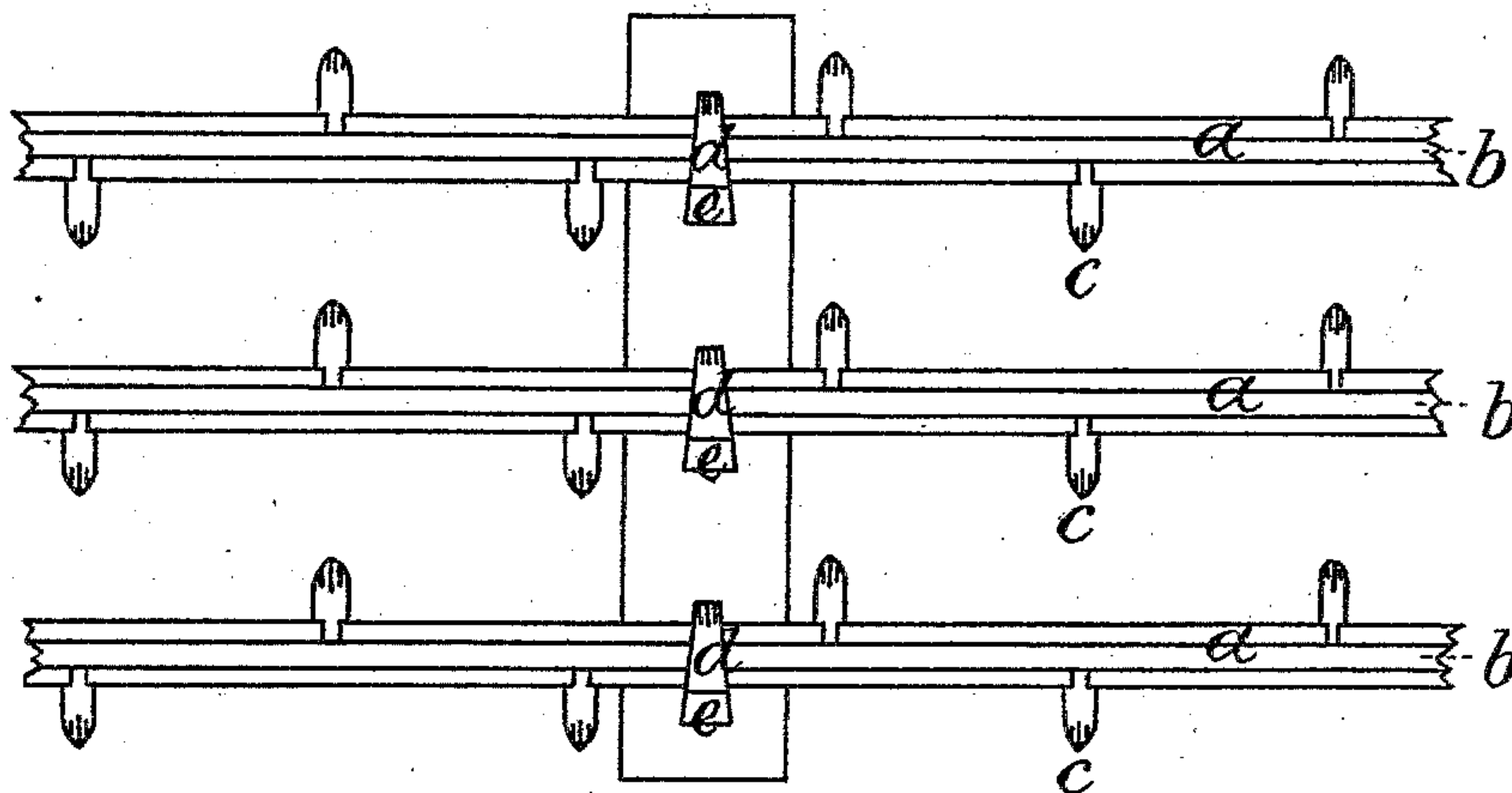


FIG. 1.

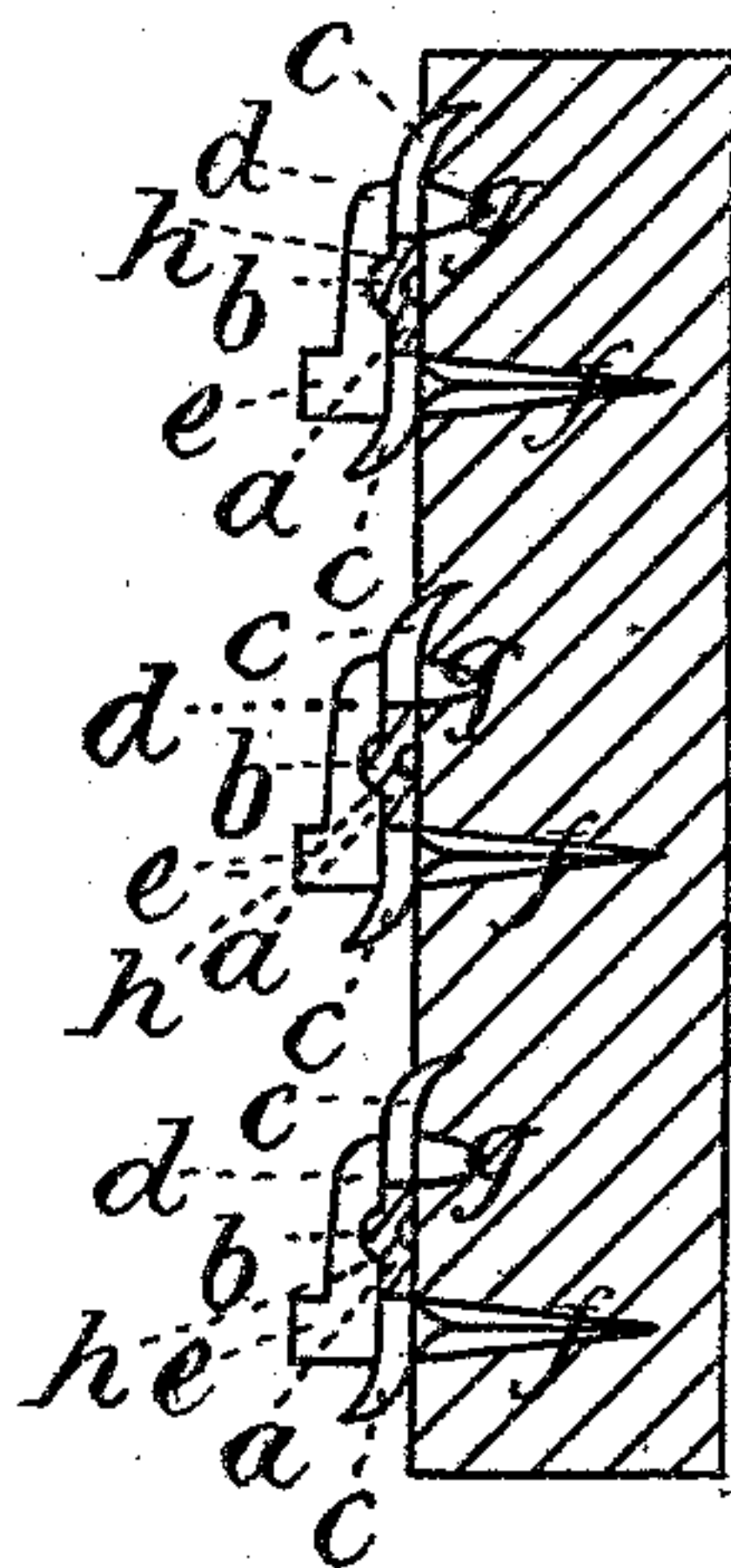


FIG. 2.

WITNESSES:
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INVENTOR:
John E. Kelly.
Per att,
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UNITED STATES PATENT OFFICE.

JOHN E. KELLY, OF FRYEBURG, MAINE.

BARBED FENCE.

SPECIFICATION forming part of Letters Patent No. 296,753, dated April 15, 1884.

Application filed July 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. KELLY, of Fryeburg, in the county of Oxford and State of Maine, have invented certain new and useful Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of my improved wire or ribbon metal fence. Fig. 2 is a sectional elevation of a post with my ribbon or wire thereto attached.

Same letters show like parts.

My invention relates to metal fences, or, in other words, to fences where bands or strips of metal having points or projections are extended from post to post to form the bars of the fence.

a shows the bars. They are made of a ribbon of metal cut from a sheet of the same, and have a rib, *b*, running longitudinally through said ribbon, and points or projections *c* on both edges of the same. These points project substantially in the plane of the ribbon or bar *a*. At or near the end they are made to turn outwardly a little, so as to keep cattle away from actual contact with the ribbon wires or bars. The points or projections are so arranged as not to be opposite each other, but so that one is opposite to the space between the two next to it, but on the opposite edge of the bar, ribbon, or wire. Furthermore, each point projects from the edge opposite that from which project the two next to it. I do not have my points project from the bar, ribbon, or wire horizontally, but vertically, or substantially so. Injury to beasts might result from the horizontally-projecting points.

d is the clamping-hook to fasten the bars,

ribbons, or wires to the posts. It has the head *e*, shank *f*, and sharp point *g*. It is made to receive the rib *b* at *h*. Thus the ribbon, bar, or wire is well and firmly held.

The points can be ribbed or hollowed out to make them stiff. The rib in the center of the ribbon gives firmness and stiffness to it, so that it is not liable to yield to any force or pressure.

The points may, if desired, be opposite each other on opposite edges of the ribbon and the tips turned in opposite directions.

The strips are cut by means of a roller furnished with proper dies for cutting the strips, and at proper intervals forming the points as well as the rib. The sheet of metal from which the strips are to be formed is laid upon a bed having the proper female dies, and the roller then, with proper pressure, caused to move over it. Thus the cutting and impressing can be done at one operation, or the strips may be produced by a stamp instead of the roller. The different strips, when thus constructed, are then to be united, if desired or if necessary, into one or more longer strips.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The metal fence having the bars or ribbons *a*, with the rib extending longitudinally of the same and in the center thereof, as set forth, the projections *c*, arranged in the order and constructed as set forth, and with their points turned outwardly, as described, in combination with the clamping-hook *d* and a proper post, as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN E. KELLY.

Witnesses:

EDWD. E. HASTINGS,
WILLIAM J. KELLY.