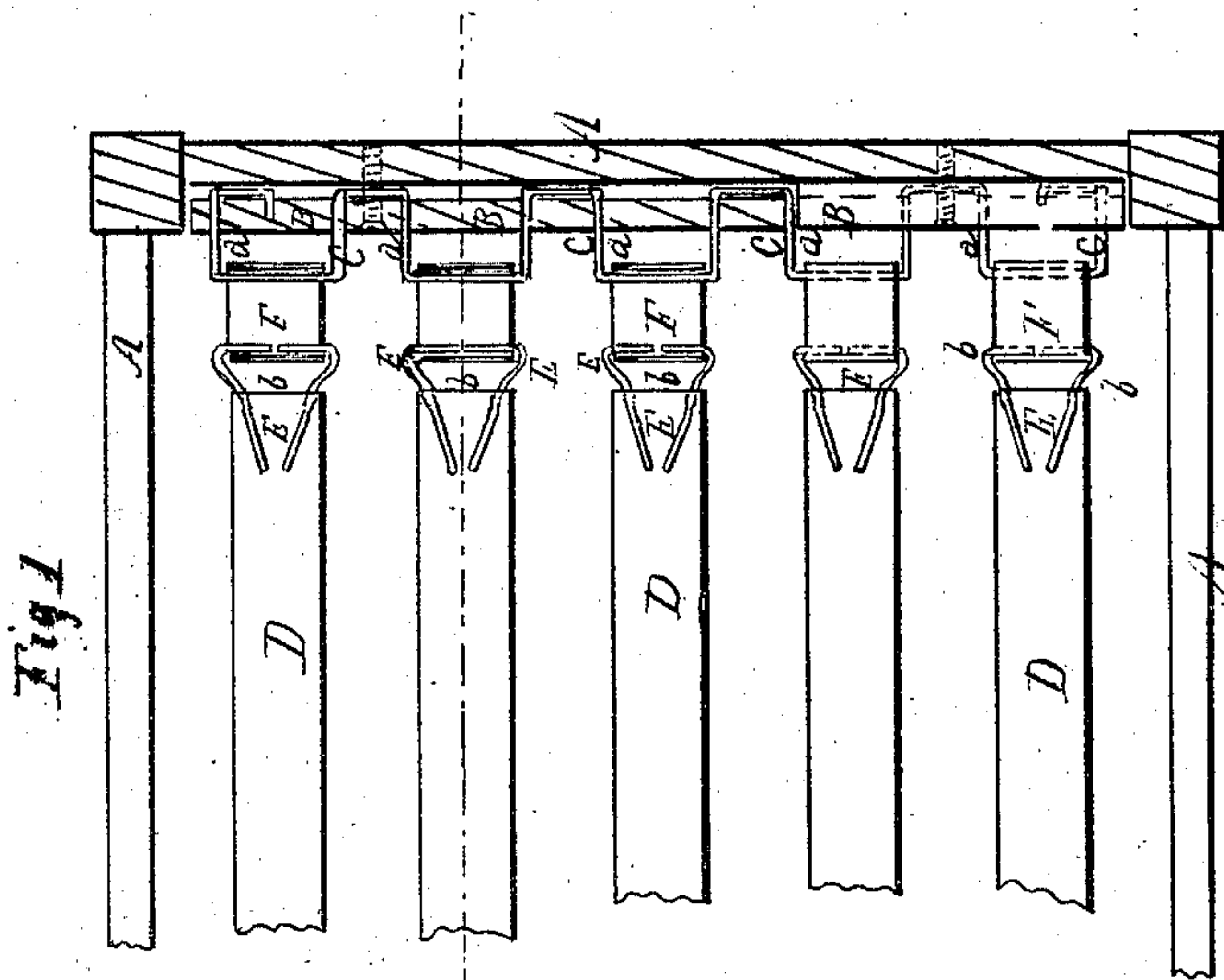
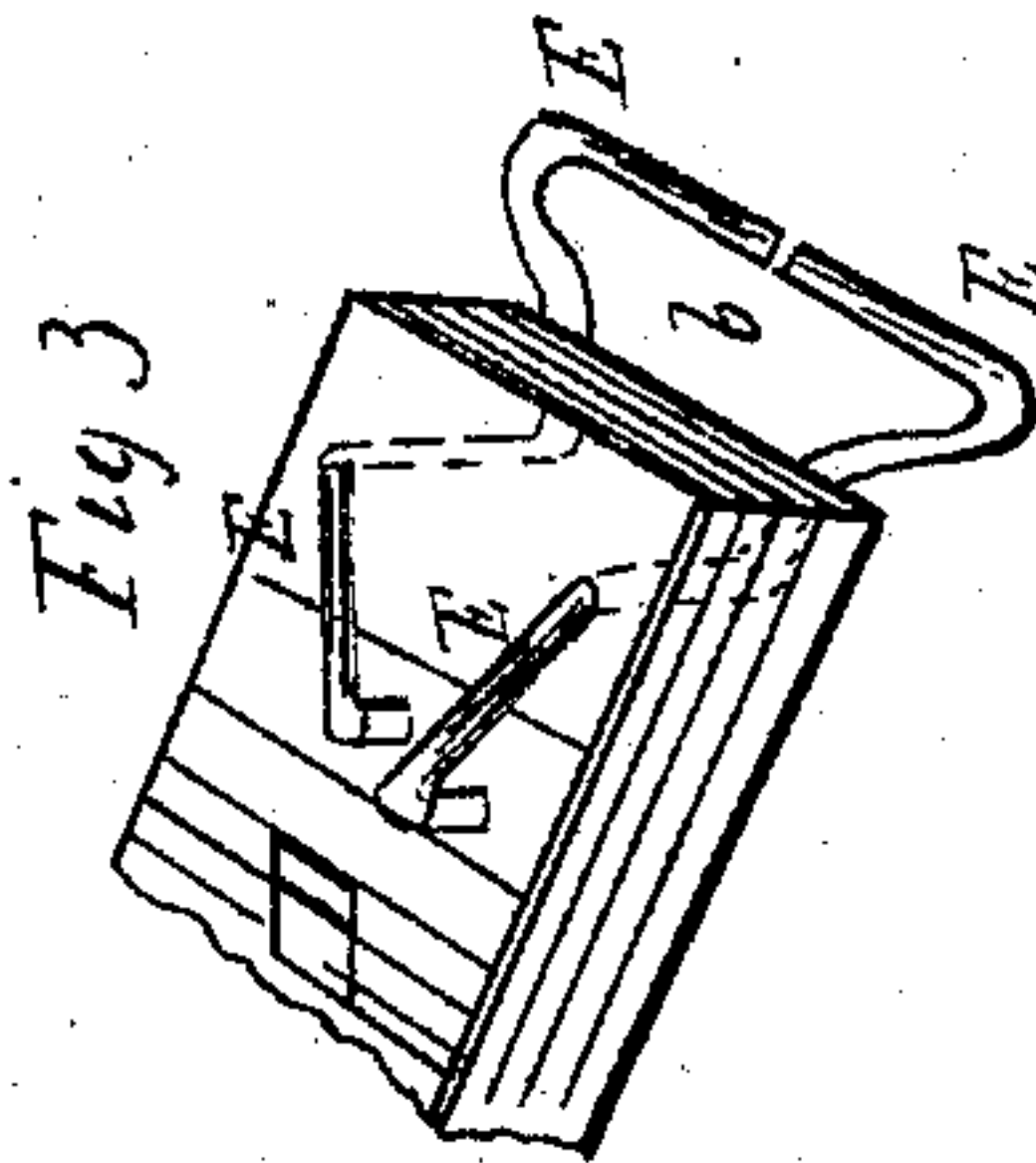
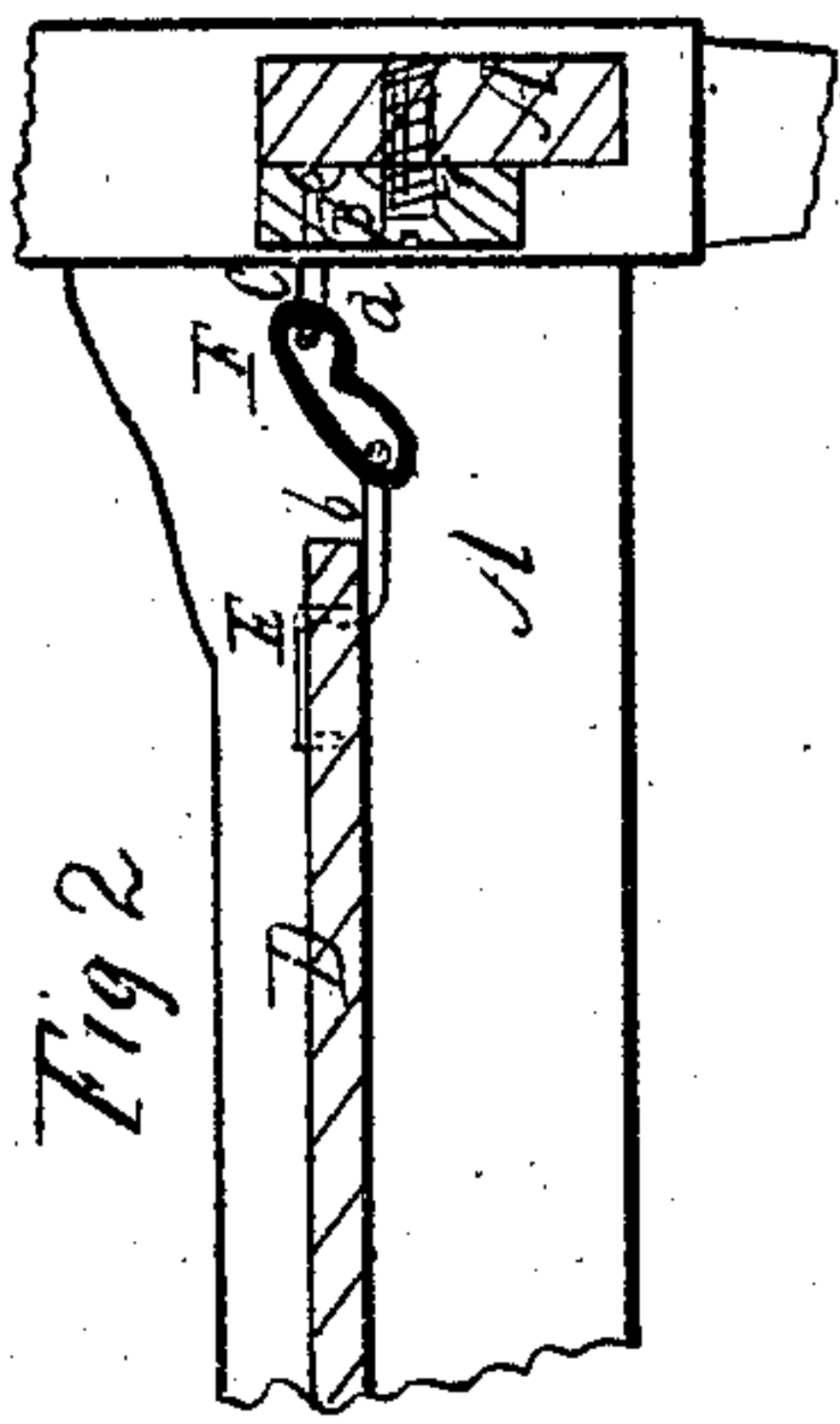


J. C. Fry.
Bed-Bottom.

N^o 74812

Patented Feb. 25, 1868.



Witnesses

Inventor

Theo Trische
Chas D Miles

John C Fry
Per *[Signature]*
Attorneys

United States Patent Office.

JOHN C. FRY, OF SIDNEY, OHIO.

Letters Patent No. 74,812, dated February 25, 1868.

IMPROVED BED-BOTTOM.

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, JOHN C. FRY, of Sidney, Shelby county, Ohio, have invented a new and improved Spring-Bed Bottom; and I do hereby declare that the following is a full, clear, and exact description thereof which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a plan or top view, partly in section, of my invention.

Figure 2 is a vertical sectional view of the same.

Figure 3 is a perspective view of the end of a slat.

Similar letters of reference indicate corresponding parts.

This invention relates to a new manner of securing the wires (for holding the elastic rings) in the ends of the slats, and in the cross-pieces that are secured to the bedstead. The said wires are secured in such a manner to the slats that the ends of the slats are not only not weakened by their application, but are actually strengthened and prevented from splitting. The wire in the cross-piece is made of one continuous piece, and can be very easily and cheaply applied. The elastic pieces are passed through the loops, formed on the wire in the cross-piece, and their ends are then sewed together so as to form the said elastic pieces into rings. The loop formed by the wire on the slat is open in or near to the centre to allow the easy insertion of the elastic rings.

A represents the frame of a bedstead. B is a strip of wood secured to the end-pieces of the bed, if the slats run lengthwise, and to the side-pieces, if the slats run across the bed, so as to extend from side to side or head to foot of the same. C is the wire formed into the said strip or cross-piece B. Its end is secured, near one end of the cross-piece, into the latter, and is then passed through holes that are provided for the purpose in the cross-piece, in such a manner as to leave loops, *a a*, in front, at the required distance apart, said loops corresponding to the number of slats used in the bed. The wire, C, when thus arranged, has its other end also well secured in the cross-piece, as shown in fig. 1. On each end of the bed is firmly arranged such a cross-piece, B, and both are provided with loops *a a*, said loops being in line with each other on the opposite ends or sides of the bed. D D are the slats, made of wood in the usual manner. On each end of each of the same is arranged a wire loop, *b*, formed by two pieces of wire, E E. The front ends of these two wires meet at or near the centre of the loop *b*, and leave a small open space for the easy attachment of the elastic ring F. Each of the wires E is passed at right angles through the body of the slat, from bottom to top of same, (the loops projecting in line with the bottom of the slat,) and near to the side of the same, as is clearly shown in fig. 3. Its upper end is then drawn on top of the slat, toward the centre of the same, and is then and there fastened by bending its extreme end into the wooden surface, as is clearly shown in fig. 3. The end of the slat is thus pressed together by the wires E E, and is prevented from splitting or from being split. By having the loops *b* open, the ring F can be easily inserted, and also the slats can be easily removed from and replaced in the bed.

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

1. The loops *b b*, constructed as described, consisting of the wires E E, open at their outer ends, and applied to the slat D, by inserting their opposite ends from the under side through the holes in the end of the slats, and bending them down upon the top of said slats towards each other, where they are again bent and inserted in the top of the slats, as herein shown and described.

2. The single metallic strip C, secured to the end or side rails A by the strip B, and bent to form loops, *a*, whose sides pass through the strip B, and whose inner ends rest against the inner side of said strip, as herein described for the purpose specified.

3. Having the loops *b b* open in or near their centre, as and for the purposes set forth.

4. The combination of the loops *a*, strip B, loops *b*, with central opening, elastic rings F, as herein described for the purpose specified.

The above specification of my invention signed by me, this 15th day of April, 1867.

JOHN C. FRY.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.