

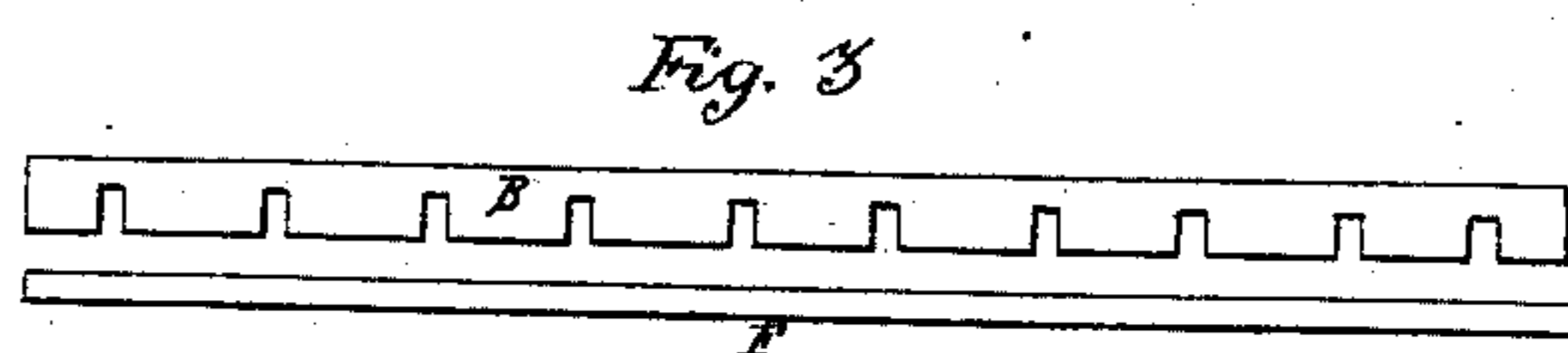
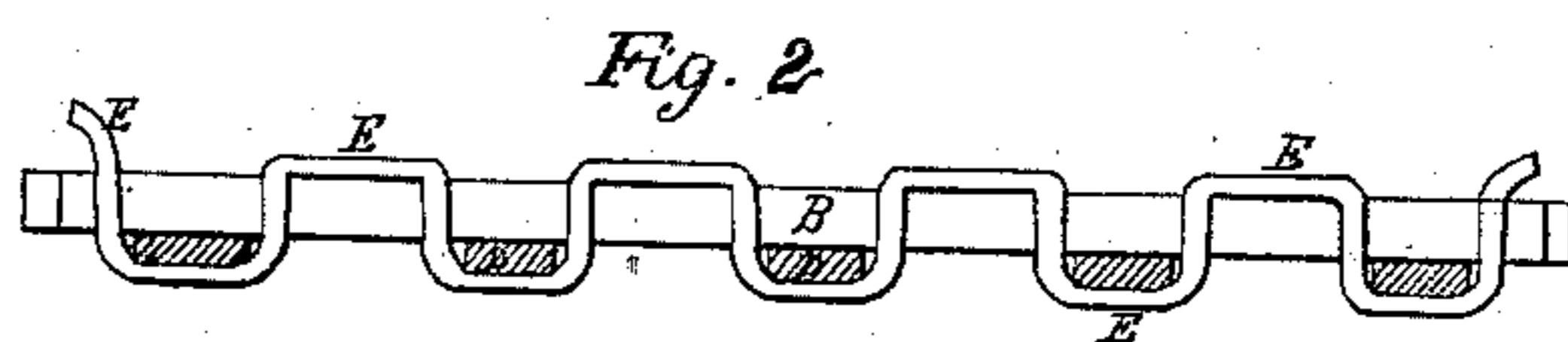
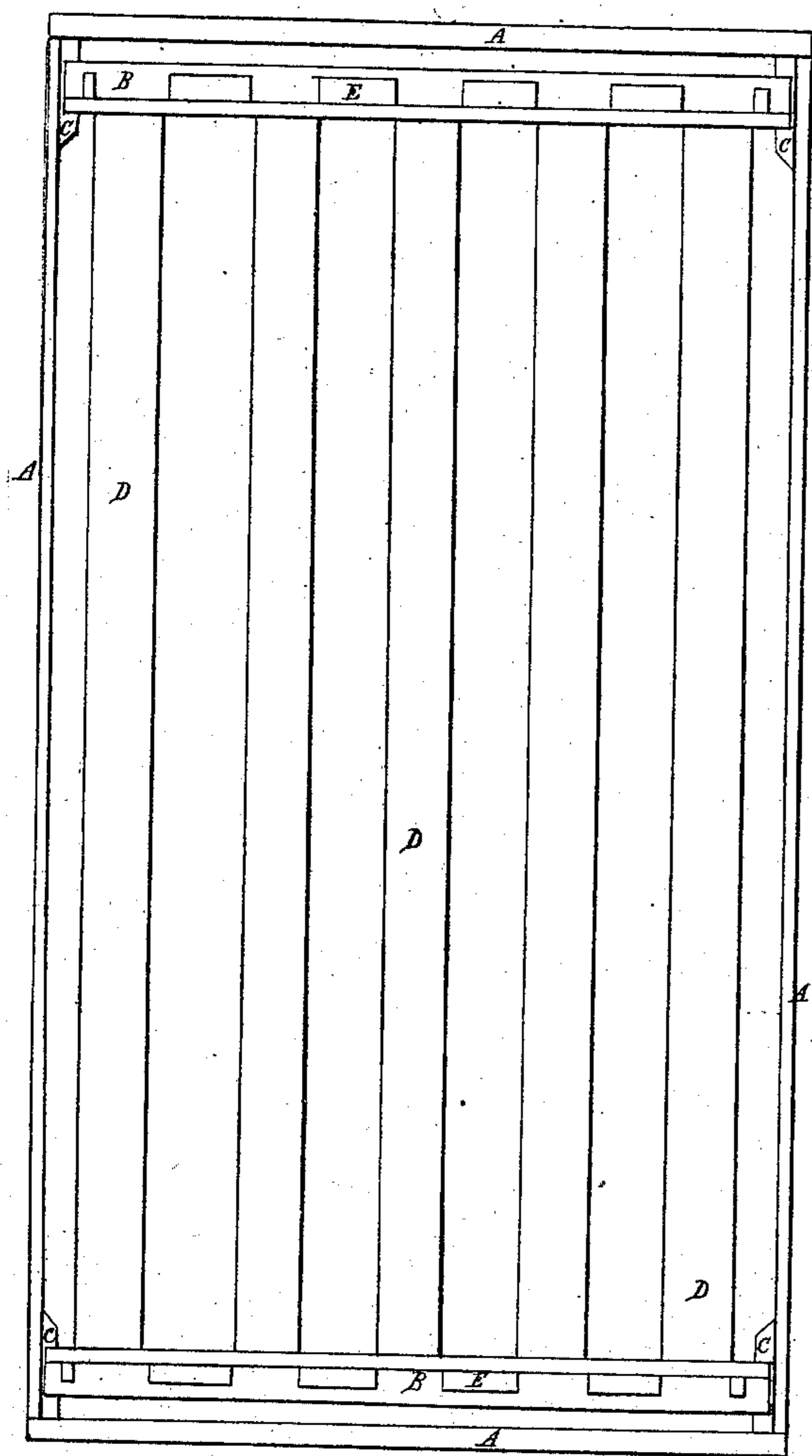
D. Fitzgerald,

Bed Bottom,

N^o 63,790,

Fig. 1

Patented Apr. 16, 1867.



Witnesses:

Chas. F. Warren
J. D. Sturtevant

Inventor:

Daniel Fitzgerald

United States Patent Office.

DANIEL FITZGERALD, OF NEW YORK, N. Y.

Letters Patent No. 63,790, dated April 16, 1867.

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, DANIEL FITZGERALD, of the city, county, and State of New York, have invented a Reversible Bed-Spring Bar; and I hereby declare that the following is a full and exact description thereof.

To enable others to make and use my apparatus I proceed to describe its construction and operation, reference being had to the drawings hereunto annexed, and making part of this specification.

Figure 1, plan of a bedstead, in which the reversible bars are placed at head and foot.

Figure 2, section of the reversible bar B, showing the elastic band passing back and forth through slots across the bar.

Figure 3, part of the bar, showing its construction by sawing cuts in at the sides instead of mortising the slots.

The same letters refer to the same things in all the designs.

A, the bedstead frame; B, the reversible bar; C, the corner supports of it; D, the slats; E, the elastic strap or band; F, the securing strip.

The purpose of this invention is to make the simplest form of a spring-bed bottom, and, by using the bar either side up, to extend its durability.

In any bedstead put corner cleats C to support the bar. Make the slats D, as usual, mere strips of board. Have the bar B long enough, and cut it off to fit the bedstead it is intended for. To make the bar, take any strip of wood strong enough to support the bottom, and saw into the side, to make a piece like fig. 3. Cut mortises or cross-slots wide enough for the strap. Take then any strap that is elastic, and put it in up and down, as shown in fig. 2, and then nail on the strip seen at fig. 3, to cover the strap, and keep it in place. Two such, placed in a bedstead at head and foot, are all the apparatus, except the common slats, mere strips of board, put in at each end, so as to bear on the strap at the under side of the bar. In time the slats D will wear upon the straps E at the loop under the bar B. Then the bar may be reversed, the under side turned, and a new set of loops be used, thus doubling its duration. By this mode of putting in the strap E there is considerable length of elastic material for the slats D to stretch upon, and thus it is easy to make the required spring. It is intended only to manufacture the bars B with the elastic strap for sale, the buyer sawing off the bar the right length for his bedstead, and providing the strips of board for the slats D.

I am aware that the slats of bed-bottoms have been suspended upon elastic bands or supports, as in the case of C. Robinson, of 1858; hence I disclaim the mode patented to him; but what I claim as my invention, and desire to secure by Letters Patent, is—

The bar B, provided with holes or openings cut directly through it from side to side, when used in combination with an elastic or other band or cord passed through said openings, in the manner represented, for the purpose of forming a reversible bed-bar, which will support the slats when either side is down, substantially as herein set forth.

DANIEL FITZGERALD.

Witnesses:

OWEN G. WARREN,
J. D. STURTEVANT.