

(No Model.)

F. X. HARDT.

APPLIANCE FOR PROTECTING CIGARS IN BROACHED CASES.

No. 562,465.

Patented June 23, 1896.

Fig. 1.

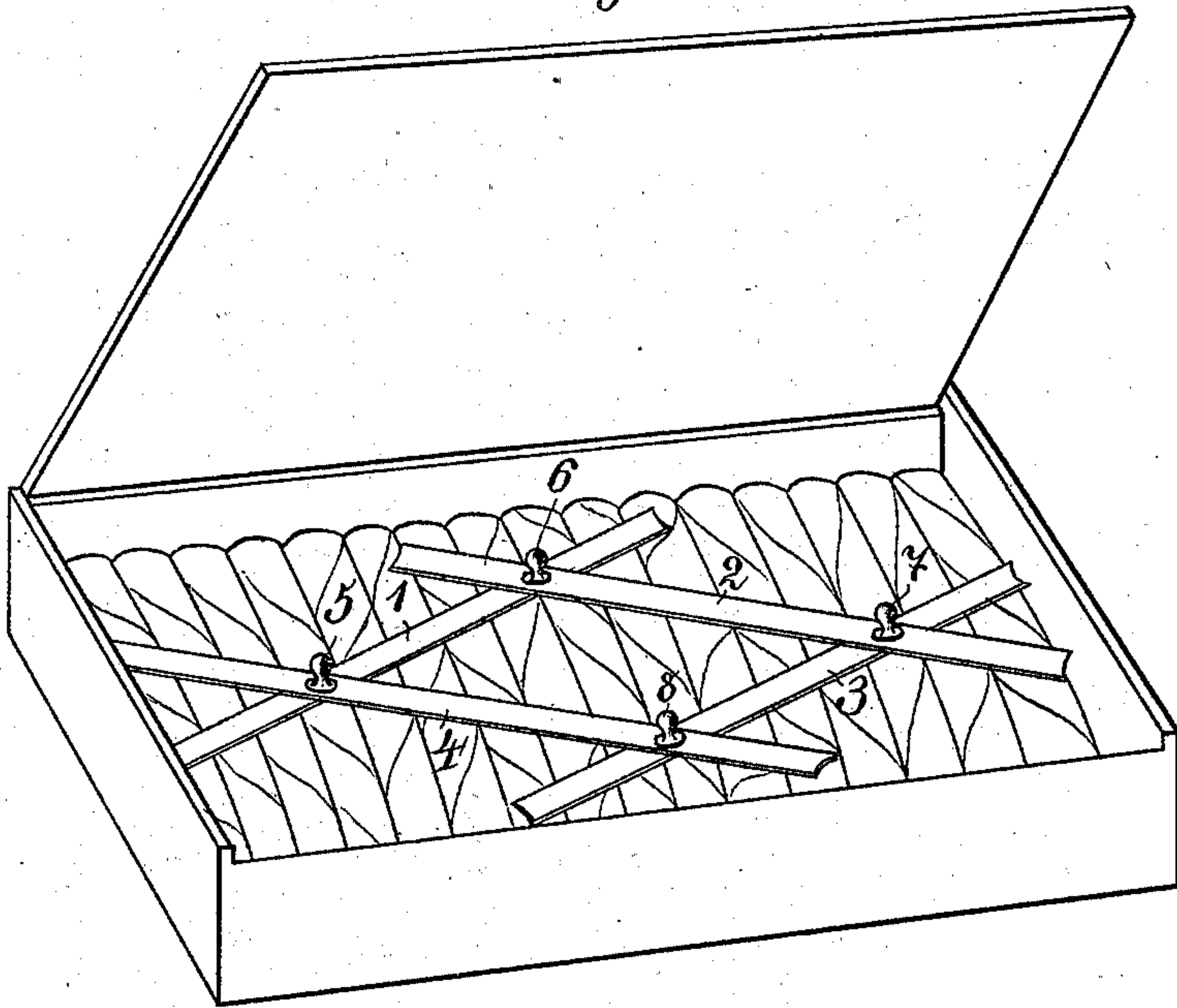
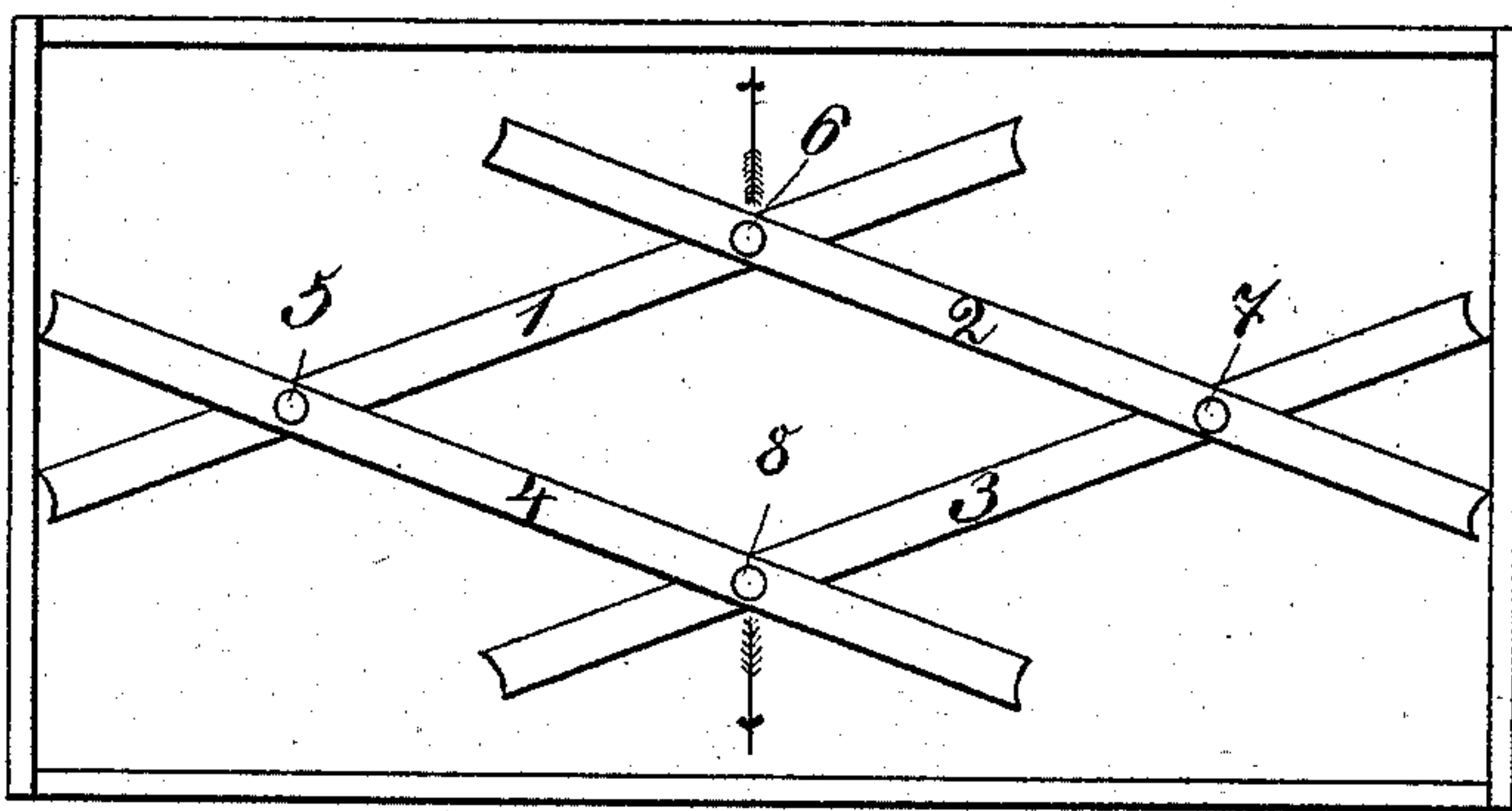


Fig. 2.



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UNITED STATES PATENT OFFICE.

FRANZ XAVER HARDT, OF VILSBIBURG, GERMANY.

APPLIANCE FOR PROTECTING CIGARS IN BROACHED CASES.

SPECIFICATION forming part of Letters Patent No. 562,465, dated June 23, 1896.

Application filed March 20, 1896. Serial No. 584,102. (No model.)

To all whom it may concern:

Be it known that I, FRANZ XAVER HARDT, a subject of the King of Bavaria, residing at Vilsbiburg, Bavaria, Germany, have invented certain new and useful Improvements in Appliances for Protecting Cigars in Broached Cases or Boxes, of which the following is a specification.

It is well known to every vender of cigars that those cigars which lie in boxes or cases which have been broached—i. e., partly emptied—fall always among one another or get mixed together when the broached case is taken down from a shelf and offered to the purchaser, and also when the case is lifted to be again placed in its compartment on the shelf. This disorder among the cigars has the disadvantage that the cigars are injured and also do not have the good appearance that they possess when in regular layers. This disadvantage is avoided by the contrivance which is the object of this invention. It consists of a jointed quadrangle or lazy-tongs, the bars of which project beyond the joints and are pointed at the free end. This jointed quadrangle is laid on the top layer of cigars of the broached case and then pushed together until those jointed ends of the four bars which lie beyond the diverging joints catch in opposite sides of the cigar-case. If the jointed quadrangle, which the inventor calls a "cigar-protector," is placed in this position, the broached case can be inclined at pleasure without any disorder taking place among the cigars. A cigar-protector of this kind is represented on the accompanying drawings in the position that it must have in a broached case of cigars to attain the desired end.

Figure 1 shows a perspective view of a broached opened case of cigars with the protector pushed together and lying on the upper layer of cigars. Fig. 2 is a plan of the protector pushed together, showing its right and left points in engagement with the narrow sides of a cigar-case.

The cigar-protector consists of four bars of equal length, 1, 2, 3, and 4, of flat, rectangular, circular, semicircular, oval, or any other suitable section. These four bars can be made of any material, and are joined together by four rivets 5, 6, 7, and 8 in such a manner that a jointed quadrangle is formed, the opposite sides of which are parallel and project beyond the points of junction. The free ends of the bars are preferably chamfered or sloped,

so as to present sharp points which easily penetrate and enter the wood of the cigar-case. If the bars are made of wood, ebonite, or any other similar material, special metal points must be fixed to the free ends. The rivets are preferably provided on the upper side of the protector with button-like heads, so that the quadrangle can easily be pushed asunder or pushed together.

When the protector is placed on the upper layer of cigars in the position shown in Fig. 1, its points which are situated beyond the right and left joints catch in the narrow sides of the cigar-case. (See also Fig. 2.) In this position the protector prevents the cigars from becoming displaced or falling out of the case if the latter is inclined or tilted. When it is desired to remove the protector from the upper layer of cigars, it is only necessary to take hold of the two rivet-heads 6 and 8, Fig. 2, and to move them outward in opposite directions, as is shown by the arrows. By this means the joints 5 and 7 approach one another, and the points lying beyond these joints are withdrawn from the narrow sides of the case. Then the protector is simply lifted off in order to reach the cigars. After having taken out the required number of cigars, the protector is replaced on the upper layer of cigars and the heads 6 and 8 are pushed toward one another until the right and left points of the bars catch firmly in the wood of the cigar-case.

The dimensions of the protector depend upon the size of the cigar-case.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture a jointed quadrangle, the bars of which project beyond two opposite joints and are pointed at their projecting ends, substantially as and for the purpose described.

2. As a new article of manufacture a jointed quadrangle, the bars of which project beyond all the joints and are pointed at their projecting ends, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANZ XAVER HARDT.

Witnesses:

ANTON BÖSL,
JOSEPH THALLMAYR.