No. 712,203. Patented Oct. 28, 1902.

S. PELLETTIERI & J. PONCIONI.

FOLDING COT.

(Application filed Aug. 2, 1901.)

(No Model.)

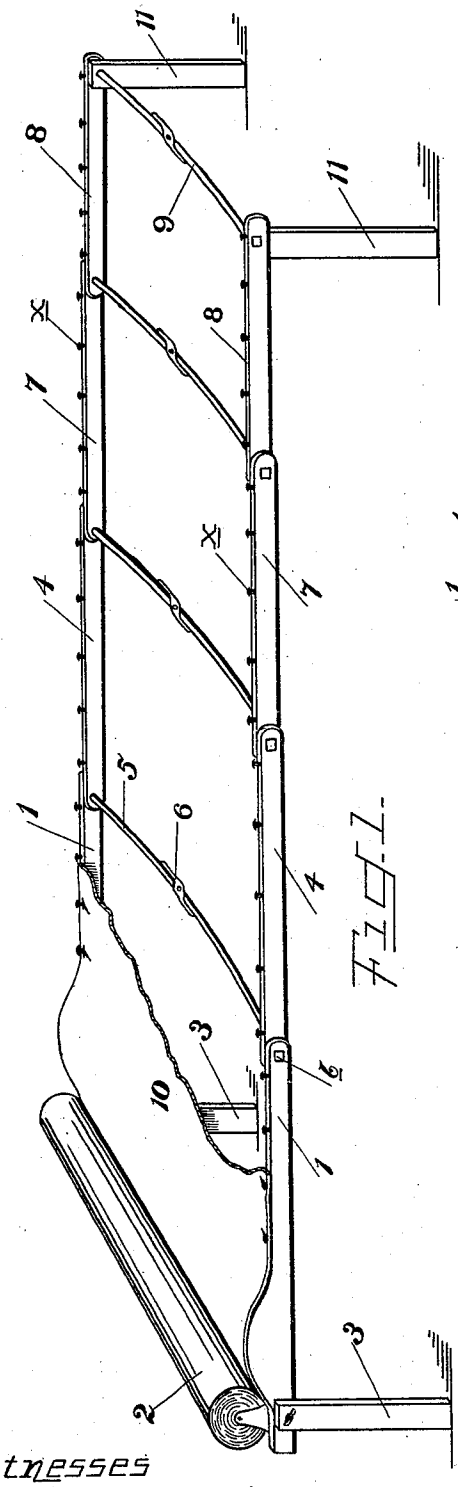


Fig. 1.

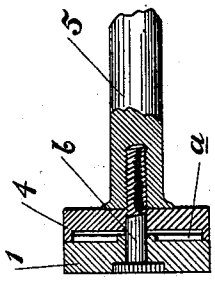


Fig. 3.

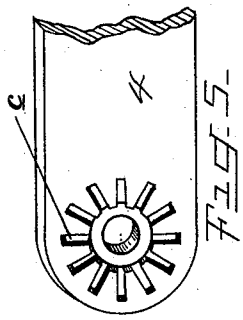


Fig. 5.

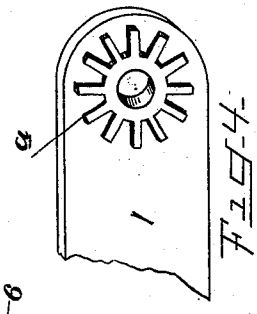


Fig. 4.

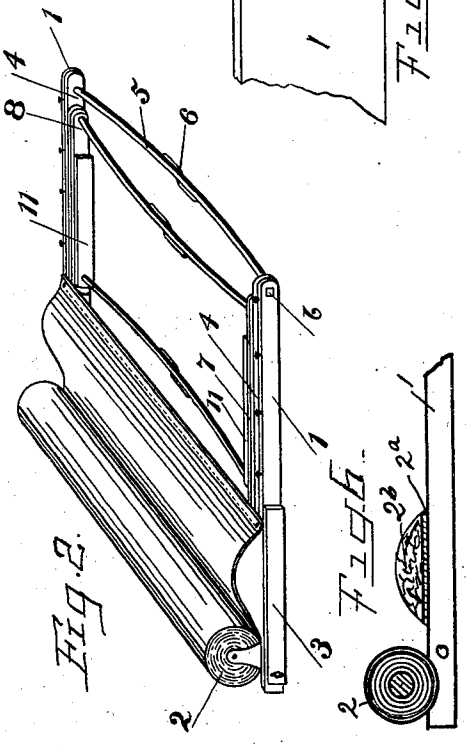


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

SALVATORE PELLETTIERI, OF UTICA, AND JAMES PONCIONI, OF ONEIDA, NEW YORK.

FOLDING COT.

SPECIFICATION forming part of Letters Patent No. 712,203, dated October 28, 1902.

Application filed August 2, 1901. Serial No. 70,591. (No model.)

To all whom it may concern:

Be it known that we, SALVATORE PELLETTIERI, of Utica, in the county of Oneida, and JAMES PONCIONI, of Oneida, in the county of Madison, State of New York, have invented certain new and useful Improvements in Folding Cots; and we 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 the characters of reference marked thereon, which form part of this specification.

The object of our invention is to provide a cot which is capable of folding into very compact form and having certain peculiar features of construction, as will hereinafter more fully appear.

In the drawings, Figure 1 shows a perspective view of a cot of our improved construction with a part of the covering or fabric removed. Fig. 2 shows the same folded with the fabric mostly rolled on the roller, but extending over the head-rest bar. Fig. 3 shows in partial section details of the joint between the sections of the frame. Figs. 4 and 5 show in perspective other details of the joint between the parts of the frame. Fig. 6 is a detail, partially in section, of the head-section of frame.

The head-section of the frame is larger than the other sections and consists of a pair of side bars 1 1 and a cross bar or piece 2^a, secured thereto, which cross-bar is of large area and provided with a pad 2^b and forms a head-rest and gives the strength to the section and acts as a stop for the other sections when folded. This head-section carries brackets which support the covering-roller 2. The legs 3 of the head end are secured on the outside of the pieces 1 and are capable of folding from the position shown in Fig. 1 to that shown in Fig. 2. The second section of the frame consists of a pair of side bars 4 4. The forward end of the bars 4 4 engage on the inner sides of the bars 1 1 and the joint is of the construction shown in Figs. 3, 4, and 5—that is to say, the bar 1 is provided with a series of interlocking teeth *a*, surrounding the bolt *b*, which teeth are adapted to engage with suitable recesses *c* in the part 4. The bolt *b* has a square head, which is inlet into a suitable recess to receive it, as shown in Figs. 1 and 3, and prevents the bolt from rotating. The screw-threaded end of this bolt engages with the rotatable cross-bar 5, and the bolts at the opposite end of the cross-bar are provided with right and left hand threads, respectively. The bar 5 is bowed, as shown, so that when it occupies a depending position in the frame it will be out of reach of the fabric or covering, even when weight is placed thereon. The bar 5 is provided with a kind of wrench or handle 6, mounted thereon and shown in closed or folded position in Fig. 1, and which is capable of being turned at right angles to the bar to afford a pair of handles for rotating the bar.

The third section of the frame consists of the bars 7 7, engaging on the inner sides of the bars 4 with a similar joint and arrangement of cross-bars to that heretofore described. The foot-section consists of side bars 8 8 and a rotatable end bar 9. The ends of the bars 8 engage on the inner sides of the bar 7, and there is provided a joint and cross-bar similar to that heretofore described. Along the upper edges of the bars 1, 4, 7, and 8 are provided a series of buttons *x*, on which is engaged the covering or fabric 10 when drawn off the roller over the length of the frame. There are suitable buttonholes provided in the edges of the fabric to engage with the buttons. The rear end of the frame is provided with a pair of legs 11, which engage on the inner sides of the bars 8 and are adapted to fold within the bars, as shown in Fig. 2. The joint between the legs 11 and the frame may be similar to that shown in Figs. 4 and 5. The joint between the legs 3 and frame is also the same, except that a bolt and thumb-nut are employed in lieu of the bolt *b*. (Shown in Fig. 3.)

By rotating the bar 5 by means of the wrench 6 the bolts *b* may be sufficiently loosened to allow the piece *a* of the joint to be disengaged from their recesses at each of the joints in the frame, when the frame may be readily folded into the completely-folded po-

sition shown in Fig. 2. Of course prior to folding the frame the fabric 10 is loosened from the buttons and allowed to be rolled onto the roller 2, to which one end is permanently attached and which is preferably provided with a spring like a curtain-roller, causing it to automatically roll up, as well as maintains a tension on the fabric when extended. The bolts *b*, with the right and left hand threads respectively at the opposite ends of the cross-bar 5, may be nicely adjusted when loose by disengaging the head of the bolt from the recess containing the same and turning it a quarter-turn in either direction. Thus it can be arranged so that the bolts on each end of the bar 5 will screw up tight at the same instant with the same number of revolutions of the bar, and likewise the adjustment of the bolts can be such that when the bar 5 finally comes to rest in tightening the bolts it will be in the depending or downwardly-bowed position. Of course the heads of the bolts *b* are not necessarily square, but may be octangular or of any suitable form, whereby they are held from rotation.

In addition to the position shown in Figs. 1 and 2 the bed is capable of being adjusted into numerous other positions—for instance, the legs 11 might be folded and the foot-section so adjusted with reference to its next section that it would form a proper angle therewith to rest flat on the floor, forming a sort of reclining-bed. Likewise the joints between the other sections may be adjusted at any desired angle of the meeting bars with reference to each other to secure a suitable result. We also contemplate removing the legs 3 from the position shown in the drawings and providing additional points of engagement to the side of the bed-frame, whereby reclining-chair effects can be secured.

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

1. The combination in a folding bed of the jointed side rails having interlocking teeth, a bolt passing through the interlocking joint and a rotatable cross-bar serving as a nut for the bolt, substantially as set forth.

2. The combination in a folding cot of the frame consisting of the large head-section having the enlarged cross-bar constituting a stop to limit the closing of the other sections and a support for a pad for a head-rest, the several nesting sections adapted to fold within each other and within the said head-section, means for securing said sections in extended position, a roller mounted on said head-section adjacent to the cross-bar, a removable fabric attached to said roller and means for securing said fabric along the sides of said frame when extended, substantially as set forth.

3. The combination in a folding cot of a frame consisting of several folding and nesting sections, all adapted to fold within the main larger section, cross-bars spanning the frame at each joint between the sections, a removable fabric or sheet covering and means for securing the fabric at the ends and along the sides of the frame when open or extended, substantially as set forth.

In witness whereof we have affixed our signatures, in presence of two witnesses, this 5th day of July, 1901.

SALVATORE PELLETTIERI.
JAMES PONCIONI.

Witnesses as to Salvatore Pellettieri:
W. L. FOLEY,
T. H. FERRIS.
Witnesses as to James Poncioni:
HENRY ROEHM,
CHAS. G. SMITH.