No. 714,335. Patented Nov. 25, 1902.

I. STANLEY.

FOLDING COT.

(Application filed Mar. 13, 1901.)

(No Model.)

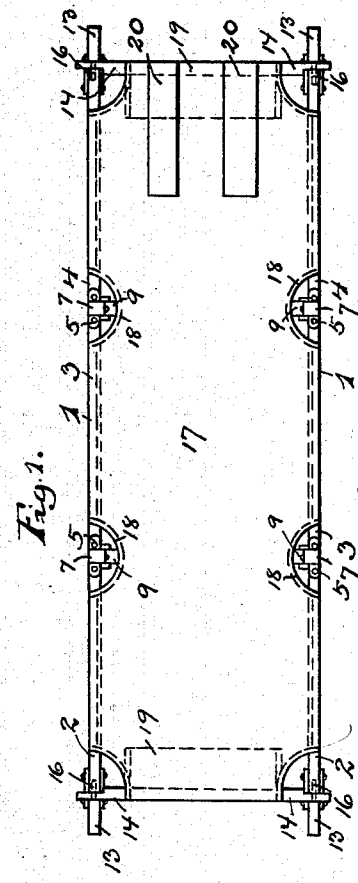


Fig. 1.

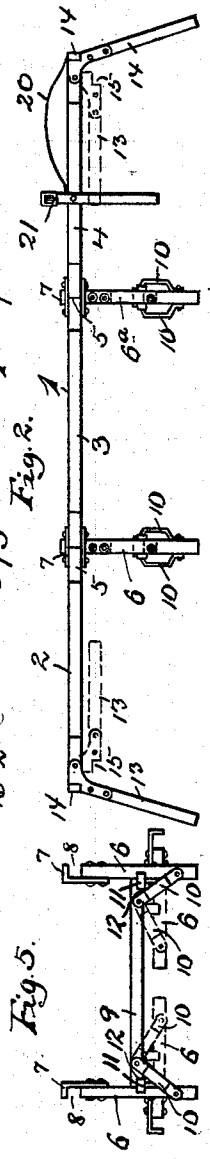


Fig. 2.

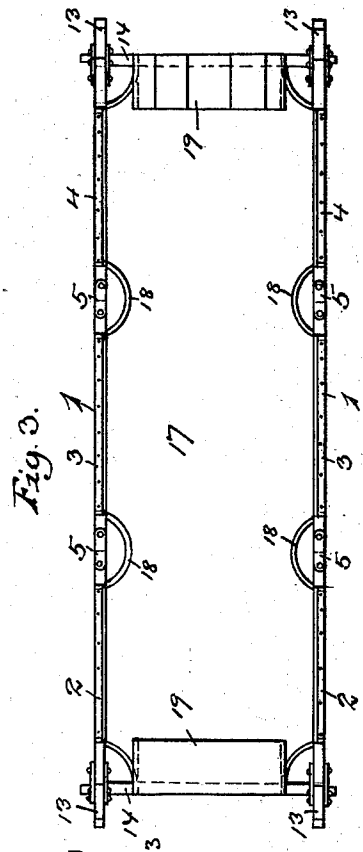


Fig. 3.

Fig. 5.

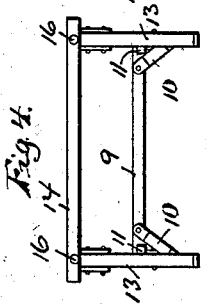


Fig. 4.

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UNITED STATES PATENT OFFICE.

IRVING STANLEY, OF NEW YORK, N. Y.

FOLDING COT.

SPECIFICATION forming part of Letters Patent No. 714,335, dated November 25, 1902.

Application filed March 13, 1901. Serial No. 50,916. (No model.)

To all whom it may concern:

Be it known that I, IRVING STANLEY, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Folding Cots, of which the following is a specification.

My invention relates to folding cots, and has for its object the production of a simple, inexpensive, durable, and efficient mechanism; and it consists in the hereinafter-described combination of coöperative elements.

In the accompanying drawings I have shown what I consider the best means for carrying out the invention; but variations in the structure may of course be made within the scope of the claims.

Figure 1 is a top view of a structure embodying my invention. Fig. 2 is a side elevation of same. Fig. 3 is a view of the under side of the cot. Fig. 4 is an end view. Fig. 5 is an end view with parts omitted.

Similar characters of reference indicate corresponding parts in the different views.

I shall describe a cot embodying my invention and afterward point out novel features in the claims.

The cot is composed of an upper framework consisting of two main supporting-bars 1, each made of three parts 2, 3, and 4, joined together by hinges 5, so that they can be folded together, the part 2 being turned around one way sidewise and the part 4 the other way sidewise to rest against the part 3. This upper framework is supported while in use by means of four legs 6 and 6^a, two on each side. These four legs 6 and 6^a have angle-irons 7, forming recesses 8, adapted to receive the hinge portions 5 of the main supporting-bars, which latter are inserted in a horizontal position, so as to hold the structure rigid. Each opposite pair of legs 6 and 6^a are hinged to a cross-bar 9 by means of the pivotal links 10, which extend outwardly, so as not to interfere with the adjacent elements, enabling the said legs to be folded up, as shown, when detached, the said legs being locked in their upright position by the lugs 11, carried by the same, fitting into the recesses 12 of the cross-bars 9. The two end parts 2 and 4 are, further, each supported by means of two folding legs 13, each of the two end parts 2 and 4 being braced by the cross-pieces 14, which fit into the notches 15 of the legs 13, forming stops for the latter, and are removably attached by means of the pins 16. A canvas 17 is stretched between the two main supporting-bars 1 and tacked fast on the under side of same. The said canvas is cut out, as at 18, to permit the free movement of the hinges and has, further, two tongues 19, one at each end, which overlap the end cross-pieces 14 and are sewed to the canvas on the under side of the cot, as shown. Two straps 20 are further provided, under which a pillow may be slid and held in position.

When it is desired to fold the cot, the end cross-pieces 14, carrying the pins 16, are detached and the legs 13 folded up. The two main supporting-bars being somewhat flexible are then pushed out of the recesses 8, the parts 2, 3, and 4 folded up. Each pair of legs 6 and 6^a are then folded under their respective cross-bar 9 and placed on the already folded framework, the whole being then rolled up in the canvas and strapped together by means of strap 21.

From the above it will be seen that I have produced a simple, effective, and convenient folding cot, which was the object had in view.

Having thus described my invention, what I claim is—

1. In a folding cot, a pair of detachable legs, a transverse bar, pivotal links, connecting the two legs to the transverse bar so as to permit them to be folded, a lug on each of said legs and corresponding recesses on the cross-bar adapted to receive the lugs to form stops for the legs when in use, substantially as described.

2. In a folding cot, the combination with two main supporting-bars adapted to be folded sidewise, of a pair of detachable legs having means for supporting said main bars at the points where they are adapted to be folded, a transverse bar, pivotal links, connecting the two legs to the transverse bar so as to permit them to be folded, a lug on each of said legs and corresponding recesses on the cross-bar adapted to receive the lugs to form stops for the legs when in use, substantially as described.

Signed at New York, in the county of New York and State of New York, this 8th day of March, A. D. 1901.

IRVING STANLEY.

Witnesses:

WILLIAM R. DORMAN,

AXEL V. BEEKEN.