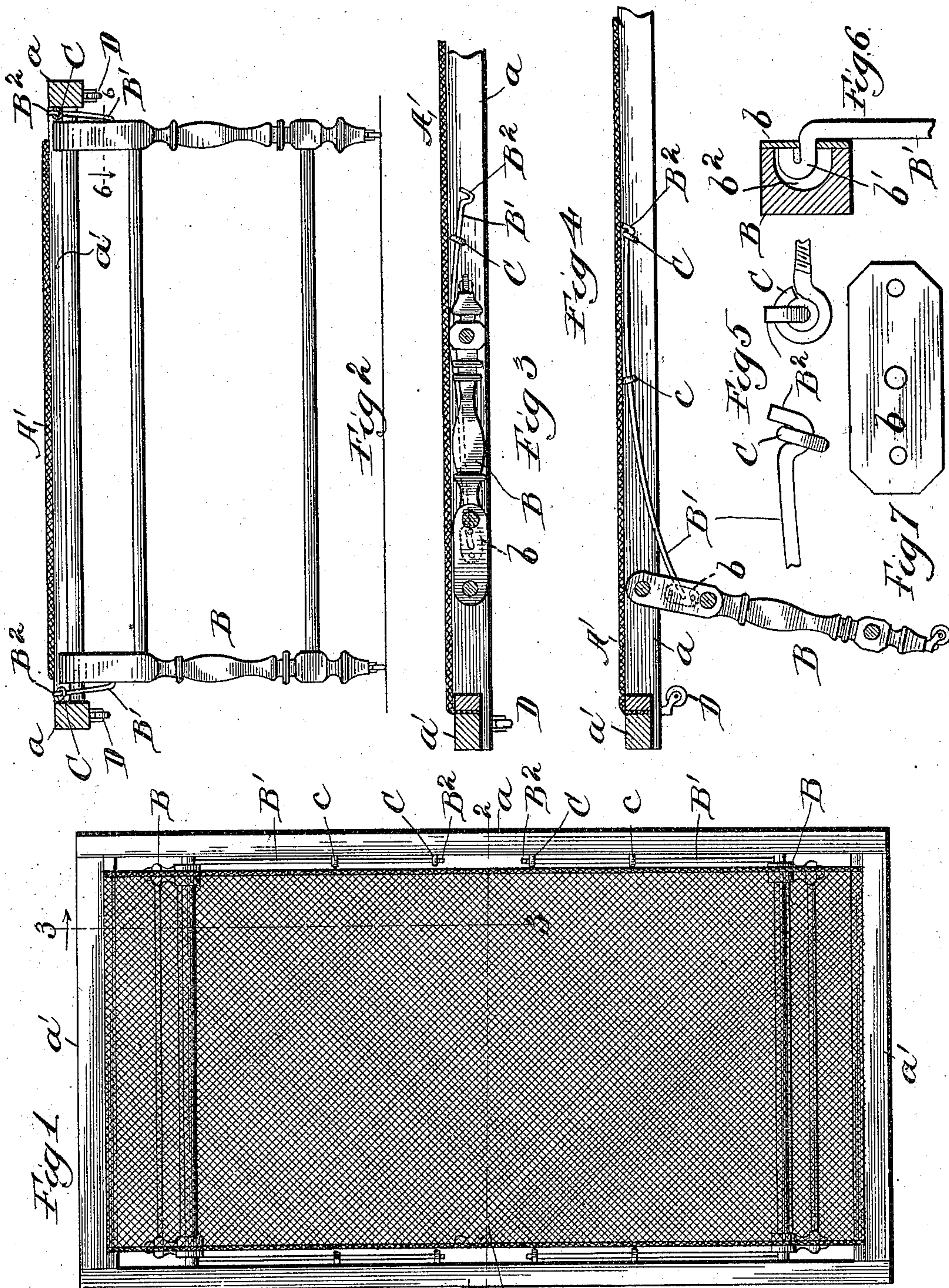


(No Model.)

E. A. CLEVELAND.
FOLDING COT.

No. 575,211.

Patented Jan. 12, 1897.



Witnesses
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UNITED STATES PATENT OFFICE.

ELIAS A. CLEAVELAND, OF BELVIDERE, ILLINOIS.

FOLDING COT.

SPECIFICATION forming part of Letters Patent No. 575,211, dated January 12, 1897.

Application filed February 20, 1896. Serial No. 580,035. (No model.)

To all whom it may concern:

Be it known that I, ELIAS A. CLEAVELAND, a citizen of the United States, residing in the city of Belvidere, county of Boone, and State of Illinois, have invented a new and useful Folding Cot, of which the following is a specification.

My invention relates to improvements in folding cots in which the legs fold in pairs under the cot and out of the way.

The objects of my improvement are, first, to have the legs of the cot at each end, in pairs, fold under the cot and be held in place inside of the side bars of the cot by spring-locks and thus allow the cot to rest on casters attached under the side bars; second, to have the legs of the cot, in pairs, unfold and held in place while the cot is standing on the legs by the spring-locks.

Figure 1 is a plan view of the folding cot. Fig. 2 is a vertical cross-section of the cot on the line 2 2 of Fig. 1; Fig. 3, a longitudinal section on the line 3 3 of Fig. 1, with the legs folded up out of the way. Fig. 4 is a similar view of the cot with the legs down. Fig. 5 shows details of the outer or hook ends of the spring-lock; Fig. 6, a detail section of the leg and spring-lock, taken on the line 6 6 of Fig. 2. Fig. 7 is an elevation of the plate covering the end of the spring-lock on the leg.

Similar letters refer to similar parts throughout the several views.

A is the cot. A' is the wire mattress; *a*, all the side bars; *a'*, all the end bars; B, all the legs. B' is the spring-lock. B² is the hook end of the spring-lock. *b* is plate on leg. *b'* is the bent end of spring-lock. *b*² is the hole in leg for bent end of spring-lock. C and *c* are eyelets for spring-lock; D, casters on cot.

The wire mattress A' is fastened on end bars *a' a'*. Under the side bars *a a* are fastened the casters D D, upon which the cot rests when the legs are folded up inside of the side bars *a a* out of the way. The legs B B of the cot fold under and unfold in pairs, being joined as shown in Fig. 2.

The legs of the cot, while folded out of the

way and inside of the side bars, are held there firmly by means of the spring-lock B', which is held to the side bars by the eyelets C *c* and attached to leg B by the bent end *b'* of the spring-lock fitting in the hole *b*² in the leg B, and held in place while folding and unfolding by the plate *b*. The lock B' is a spring sliding in the eyelets C *c*.

The legs of the cot, while standing, are held in place firmly by the spring-lock being hooked at the eyelet C, and the legs forming an obtuse angle with the side bars, as shown in Fig. 4.

I am aware that prior to my invention folding cots have been made with the legs folding under in pairs and out of the way. I therefore do not claim such a combination broadly.

What I do claim as my invention, and desire to secure by Letters Patent, is—

In a folding cot, in combination, a cot-frame composed of side and end bars, supporting legs for the frame, pivoted to the side bars near to their ends and capable of being folded between the said bars, one of said legs having an opening formed in its outer face near to its pivotal connection with the side bar, a plate secured to the leg extending over the said opening therein, which plate is provided with an opening coinciding with the opening in the leg, two eyes set into the side bar near the said leg, a rod of spring material extending through, and free to slide in, the eyes, which rod is bent near one of its ends at substantially a right angle, to enter the opening in the plate, and is turned squarely upon itself, the end of the rod forming a bearing upon the under face of the plate, and at its other end is formed into hook shape, for engaging one of the said eyes and preventing movement of the leg in either direction the said eye being so located that the leg, when open, will form an obtuse angle with the frame substantially as and for the purpose specified.

ELIAS A. CLEAVELAND.

Witnesses:

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