

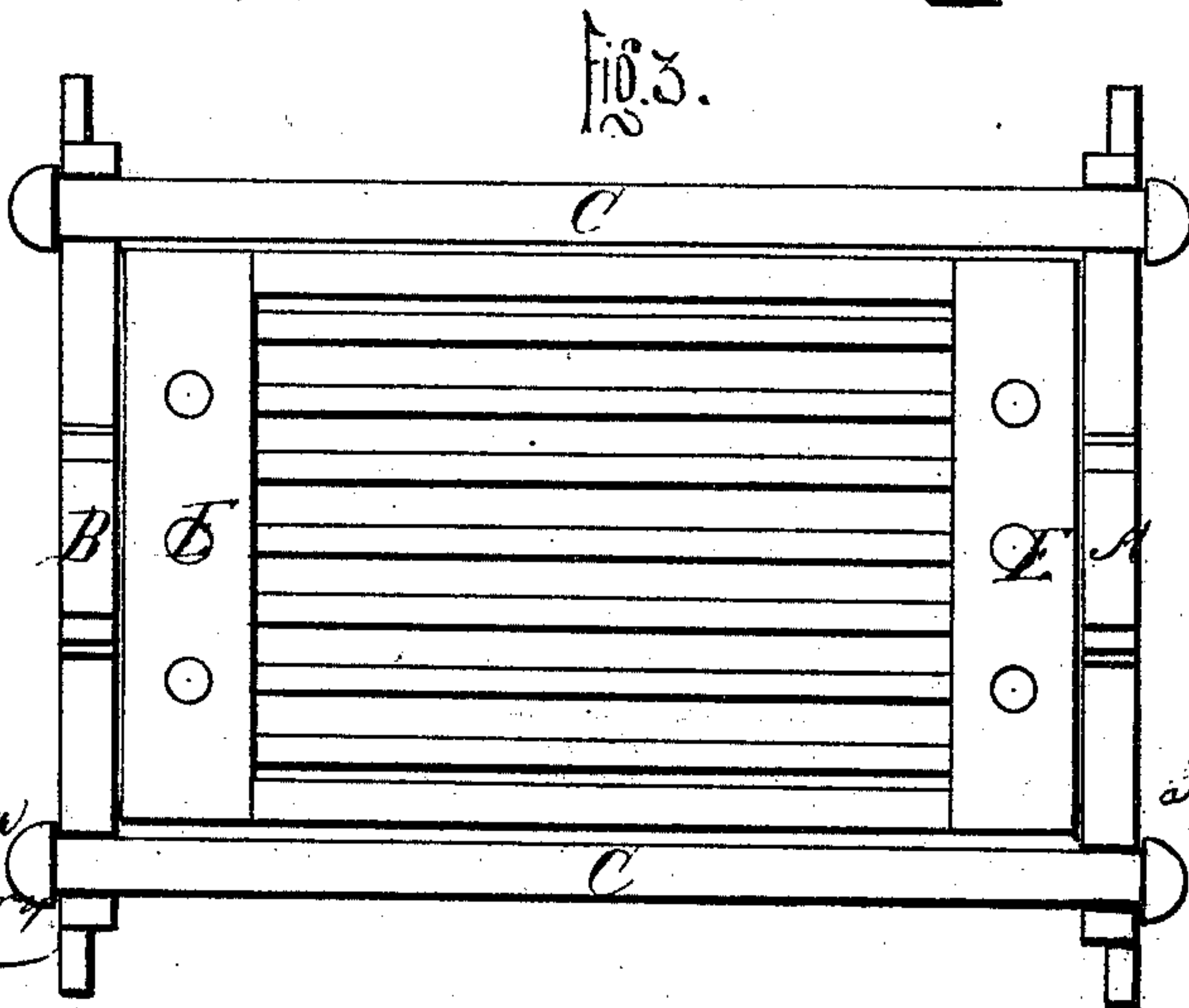
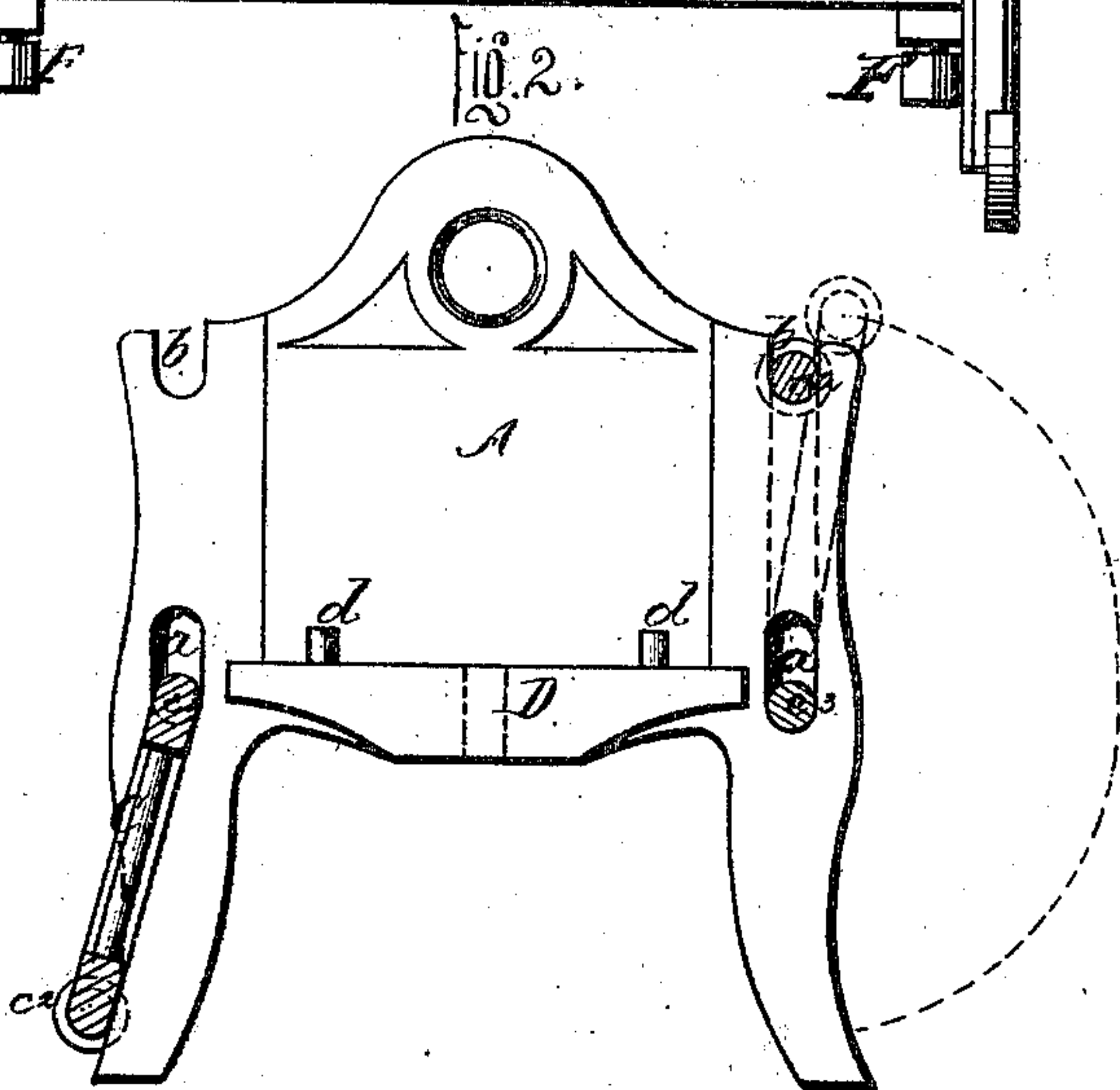
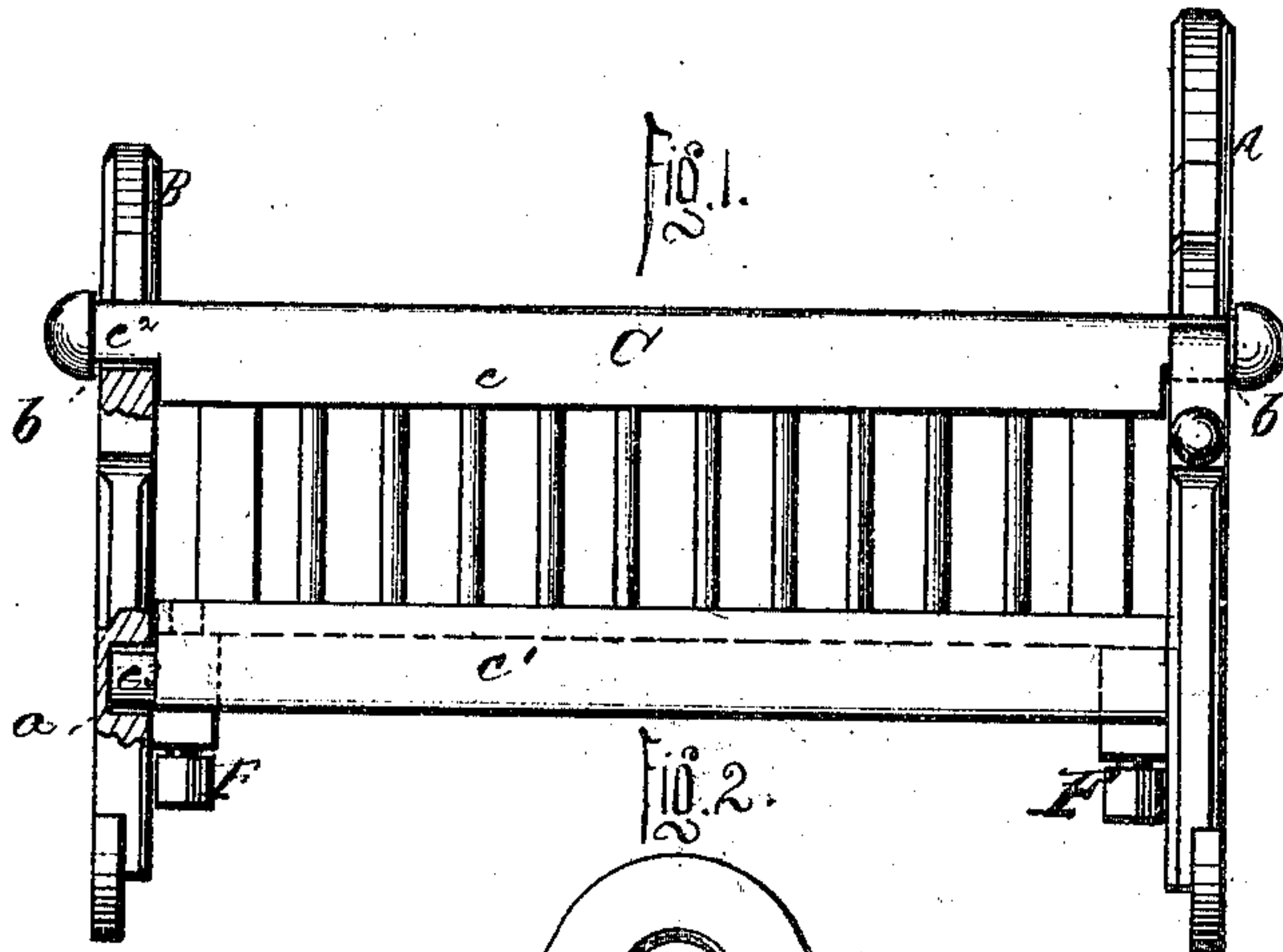
J. Müller,

2. Sheets, Sheet. 1.

Folding Bedstead.

No. 97,545.

Patented Dec. 7. 1869.



Witnesses:

Victor Hagonau
Jacob F. Henry

Inventor:

John Müller

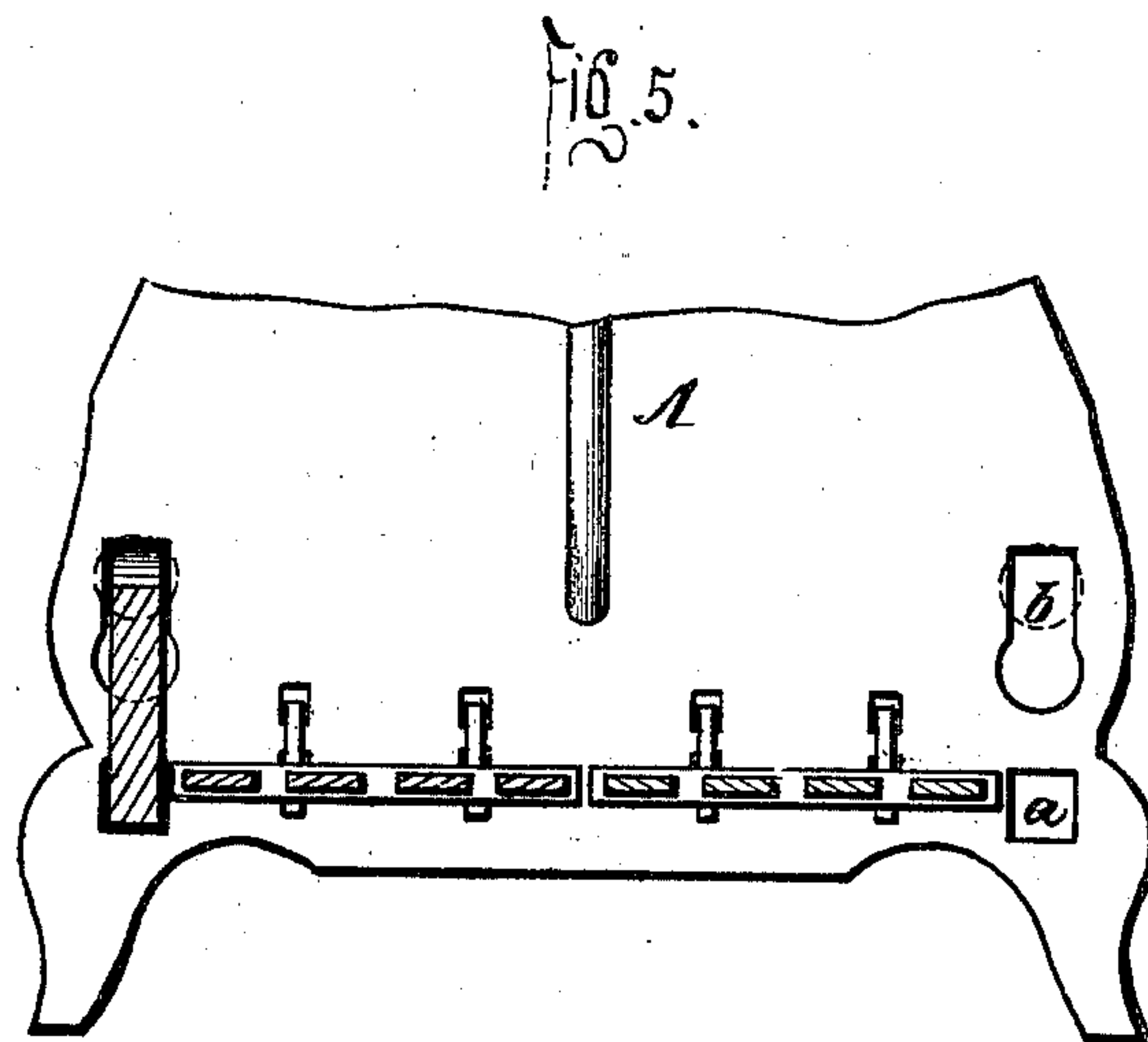
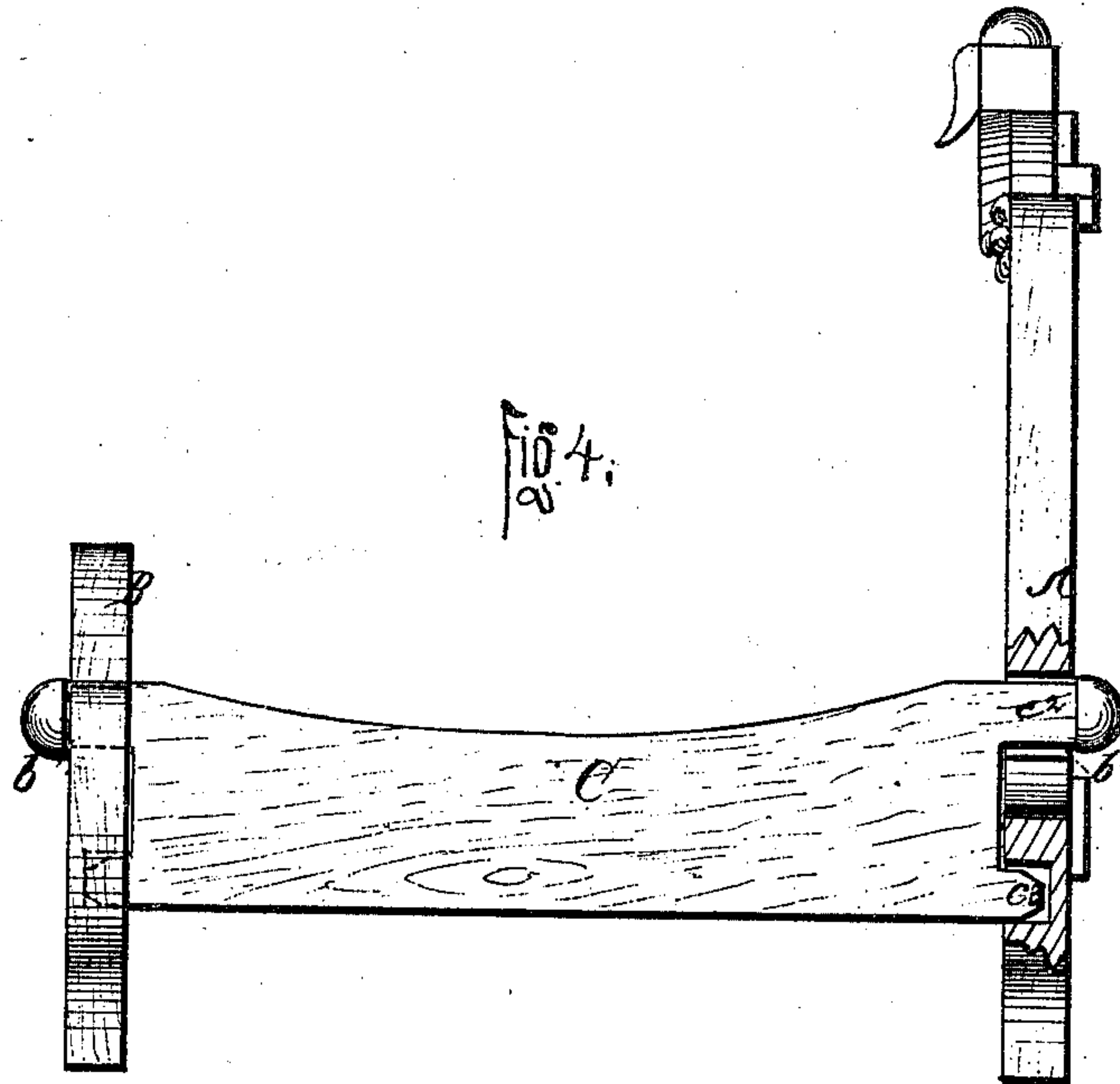
J. Müller,

2. Sheets, Sheet 2.

Folding Bedstead.

No. 97,545.

Patented Dec. 7. 1869.



Witnesses:

Victor Hagmann
Jacob F. Henn

Inventor:

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United States Patent Office.

JOHN MÜLLER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 97,545, dated December 7, 1869.

IMPROVED FOLDING BEDSTEAD.

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, JOHN MÜLLER, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a new and useful Method for Constructing Bedsteads, and such like furniture; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which are made part of this specification, and in which—

Figure 1 is a longitudinal side view of a crib, showing the improved method of my construction.

Figure 2 is a front view thereof, showing the side-pieces hanging down.

Figure 3 is a top view of the cradle.

Figure 4 is a longitudinal side view of an ordinary bedstead, demonstrating my improvement.

Figure 5 is a front view of the head-piece thereof.

This invention has for its object, to establish a simple, durable, cheap, and convenient method for connecting the several parts, constituting a bedstead, in such a manner as to enable the manufacturer of such furniture to entirely dispense with any contrivance, now in general use, which has to be secured to parts of a bedstead, to facilitate the uniting of said parts.

It has also for its object, to establish a most convenient method for easily taking apart, moving from one place to another, uniting, in a very short time, and without much trouble, bedsteads, in which operations, hitherto, much inconvenience has been experienced by house and hotel-keepers.

To accomplish its object, the invention consists in a novel construction of the several parts, constituting a bedstead or crib, hereinafter more fully described.

To enable others not skilled in the art to which my invention appertains, to fully understand and construct the same, I shall proceed in describing the same, with reference to the accompanying drawings, in which like letters refer to like parts in the several figures.

Figs. 1, 2, and 3, show the principle of my invention, as applied to a crib, and figs. 4 and 5, a modification of the same, as applied to a bedstead.

The parts marked A B C represent, respectively, the head, foot, and side-pieces of a crib or bedstead, which may be of any desirable form.

At the lower portion of the head and foot-pieces A B, at each side thereof, on an even line with each other, are formed recesses *a a*, their vertical line being somewhat larger than their horizontal, for a purpose hereinafter referred to.

The recesses are plainly shown in figs. 1 and 2.

At the top of the head and foot-pieces, on each side thereof, and in vertical line with the recesses *a a*, are formed bearings *b b*.

The pieces C, as shown in the drawings, consist of an upper and lower side-piece, *c c'*, connected together by rounds.

The ends of the upper piece *c* are formed into journals *c'*, of a somewhat less diameter than the bearings *b b*, in which they are suspended.

The ends of the lower part *c'* are also formed into journals *c'' c''*, which rest in the oblong recesses *a a*.

To the head and foot-pieces A B are suitably secured the supports D D, provided with two or more upwardly-projecting pins, *d d*, and having, in the centre, a female-screw-threaded aperture.

The bottom of the bedstead, as shown in the drawings, consists of two horizontal bars or pieces of wood, connected by slats, in any well-known manner.

These end-pieces or bars have three holes, through the outer ones, the pins *d d* of the supports D D penetrate, and thus prevent any lateral motion of the bottom, and at the same time holding it securely in its proper place.

A still stronger connection between the bottom and these supports is established by inserting a wood-screw, F, into the female-screw-threaded apertures of the supports and end-pieces of the bottom, as shown in fig. 1.

From the above description, it will readily be seen that the parts of a bedstead, constructed after my improvement, may be united, without the use of any separate fastening, and without the use of metal, thus helping considerably in the reduction of the price of the article.

It is a well-known fact, that the sides of bedsteads are not so high as those used in cribs, and, therefore, it becomes necessary to form bearings for the ends or journals *c'* at a lower point in the head and foot-pieces.

I have shown, in fig. 5, an oblong slot, terminating in a semicircle, by which arrangement I establish a ready means for allowing the journals *c'* to be raised, and, consequently, the side-piece.

To unite the several parts, all that is necessary is to place the head and foot-pieces in their desired position; then insert the journals *c'* into their recesses; after which, the journals *c'* are readily brought into their bearings, by elevating or swinging the side-piece upward, as fully shown in dotted lines in fig. 2. The bottom is now to be inserted, which is easily done by letting the same slide downward, between the head, foot, and side-pieces, on to the supports D D. The pins *d d* thereof penetrate the holes of the bottom end-pieces, thereby preventing any lateral movement; and finally the wood-screw is employed to more securely unite the above parts.

It is obvious, that by the construction of a bedstead as herein demonstrated, many troublesome difficulties now experienced are entirely obviated, such as experienced in uniting the several parts of a bedstead, in taking the same apart, and uniting them again, after having been removed from one place to another.

In my bedstead, no trouble whatever is experienced

in disuniting the several parts, provision having been made to permit the elevating of the side-pieces, whereby the journals $c^2 c^2$ are easily brought downward, as shown in fig. 2, and the side-pieces are now ready to be withdrawn. The screw uniting the bottom and head and foot-pieces is unscrewed, the bottom can be taken off, and the bedstead can now be removed, piece by piece, to another place.

Having thus described my invention,

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

1. Forming bearings $b b$ and recesses $a a$ in the head and foot-piece of a bedstead or crib, to receive

the ends or journals $c^2 c^2$ of the side-pieces $C C$, as shown and described.

2. The supports $D D$, provided with pins $d d$, in combination with the bottom E and screws $F F$, constructed and arranged, as herein described, for the purpose specified.

3. The means, herein described, for uniting the several parts of a bedstead or crib, as described.

JOHN MÜLLER.

Witnesses:

JACOB F. HENRY,
VICTOR HAGMANN.