

No. 791,920.

PATENTED JUNE 6, 1905.

P. J. LEYENDECKER.  
FOLDING MATTRESS.

APPLICATION FILED JUNE 15, 1904.

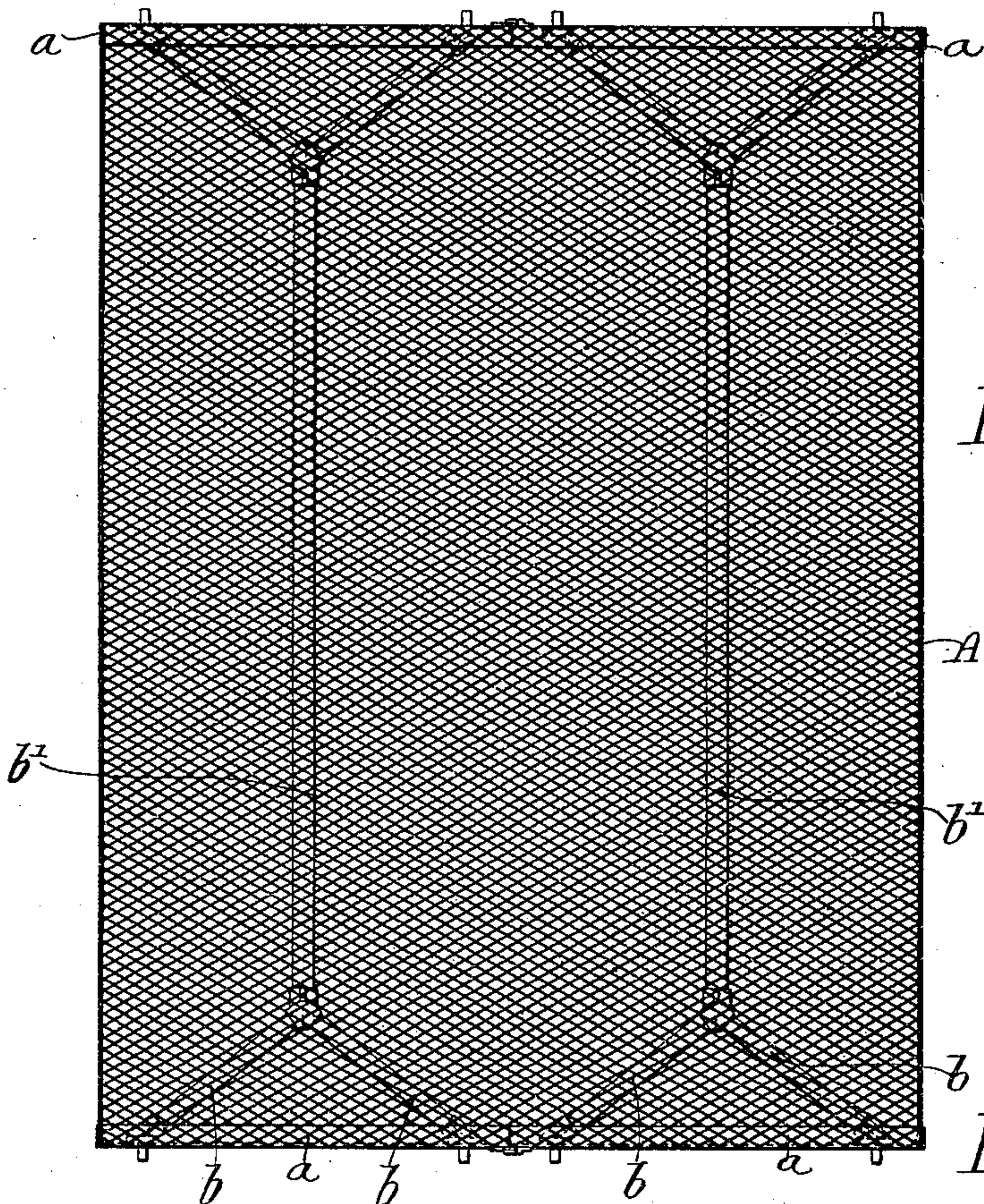


Fig. 1.

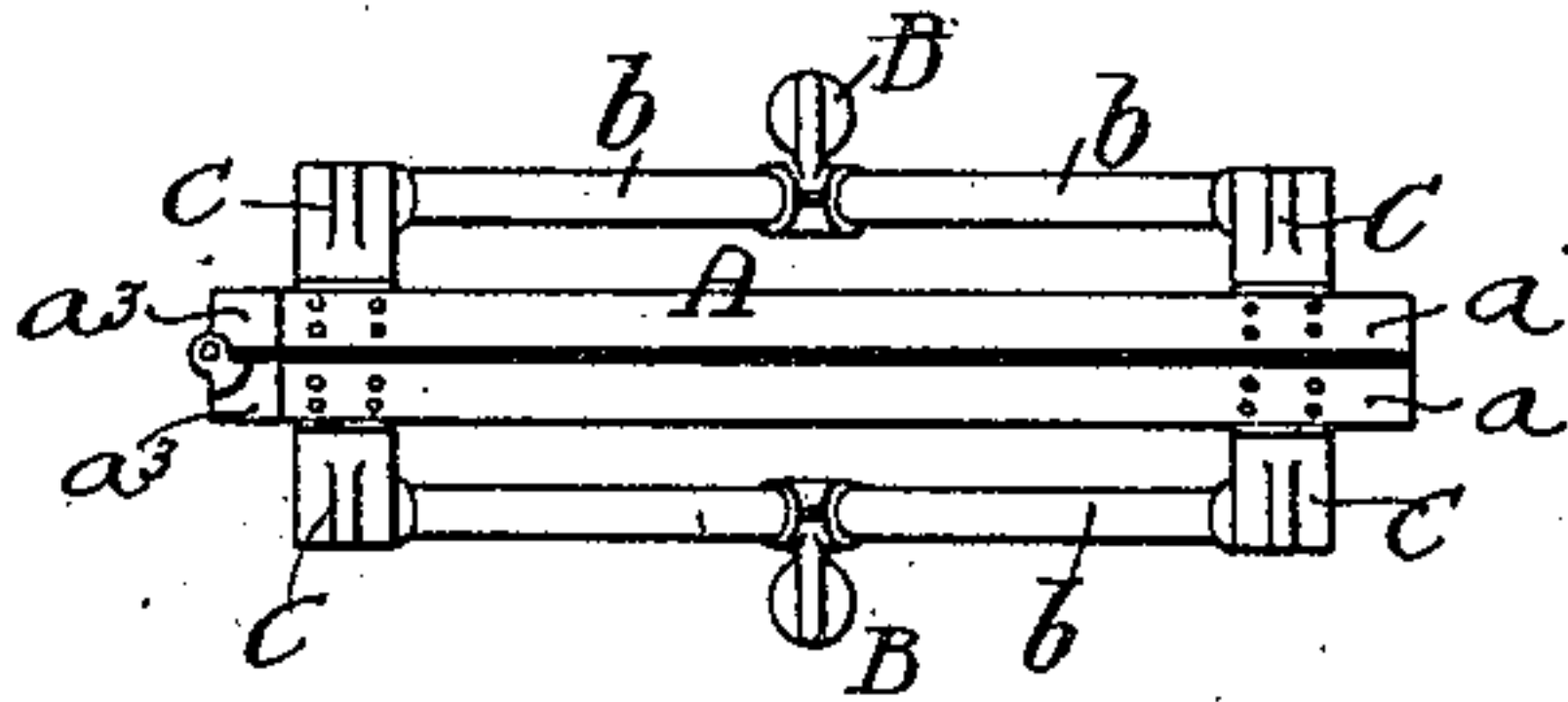


Fig. 2.

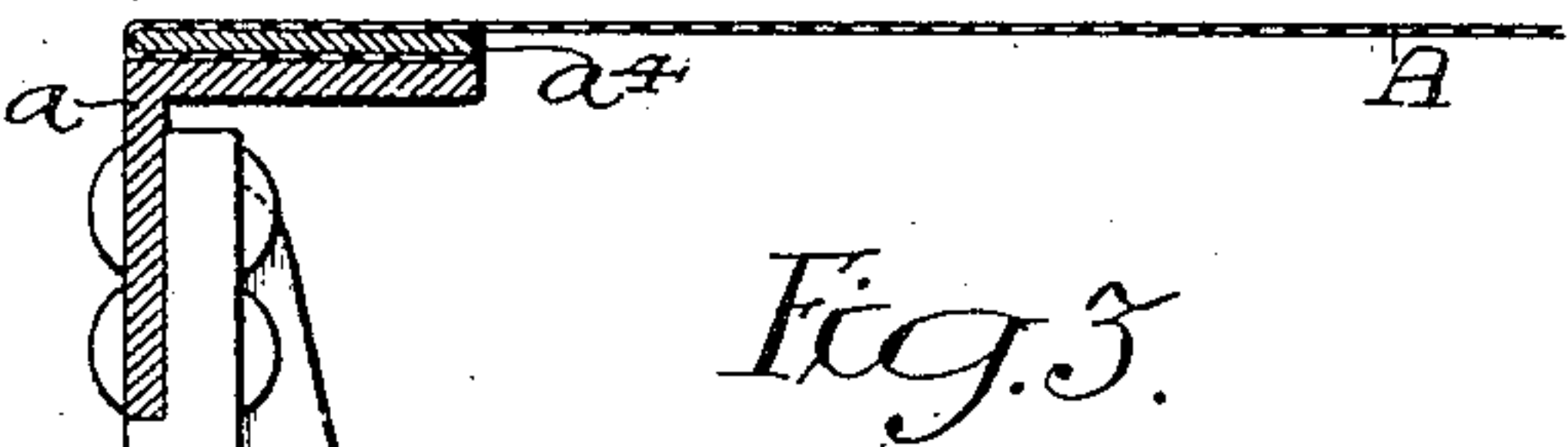


Fig. 3.

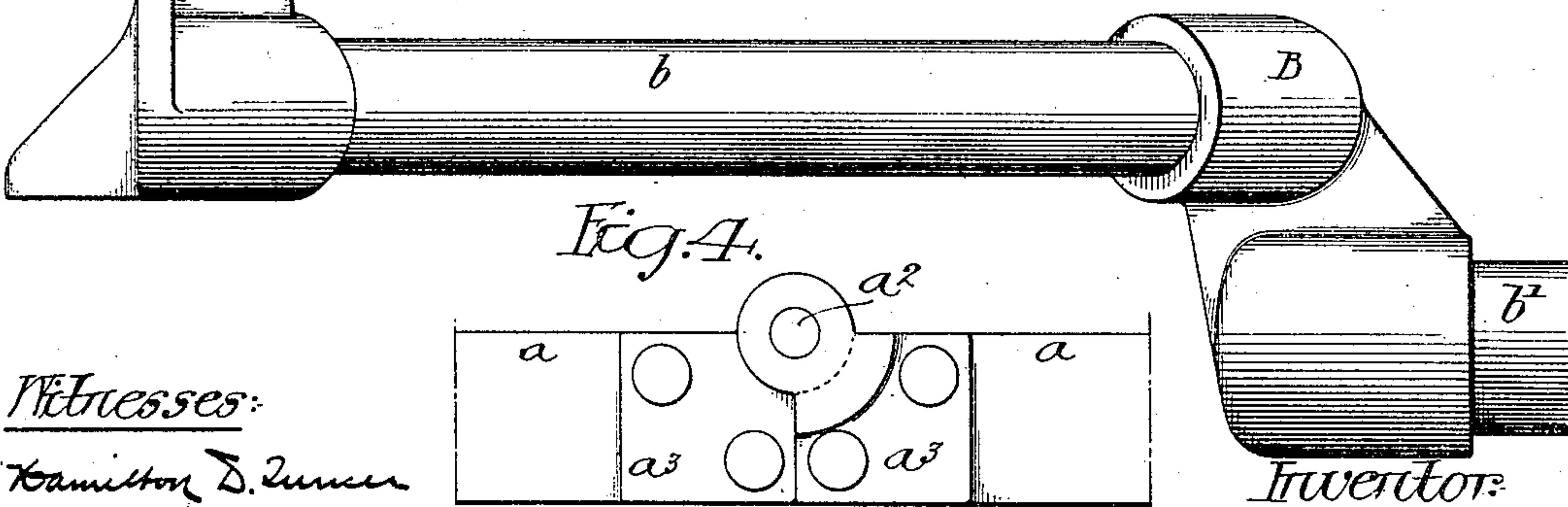


Fig. 4.

Witnesses:

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# UNITED STATES PATENT OFFICE.

PETER J. LEYENDECKER, OF PHILADELPHIA, PENNSYLVANIA.

## FOLDING MATTRESS.

SPECIFICATION forming part of Letters Patent No. 791,920, dated June 6, 1905.

Application filed June 15, 1904. Serial No. 212,728.

*To all whom it may concern:*

Be it known that I, PETER J. LEYENDECKER, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain  
5 Improvements in Folding Mattresses, of which the following is a specification.

One object of my invention is to provide a woven-wire or spring mattress of such construction that one portion of it may be folded  
10 over upon another and that without in any way injuring or changing the tension of the woven wire.

It is further desired to provide a novel construction of supporting-framework for the  
15 woven wire forming the body of the mattress, which frame shall be inexpensive in construction as well as relatively light and shall, moreover, have its parts so disposed that they will in no way interfere with the customary use of  
20 the mattress.

These objects I attain as hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a plan view of a mattress constructed according to my invention. Fig. 2 is an end elevation showing one portion of the mattress folded over upon the other. Fig. 3 is a side elevation, partly in section, on a larger scale than that shown in the other figures,  
30 illustrating the detail construction of a part of my invention; and Fig. 4 is a side elevation of one of the hinges connecting the two parts of the mattress-frame.

In the above drawings the woven-wire mattress (indicated at A) is tightly stretched between two pairs of bars, which in the present instance are composed of angle-irons  $a$ . Each bar is therefore composed of two parts hinged together, and those parts which are opposite  
40 each other are united and rigidly held together by means of a framework having two inclined sections formed of pipes  $b$ , which at one end are both fitted into a single casting B, while their opposite ends enter castings C, riveted  
45 onto the angles  $a$ . Extended between each pair of the castings B is a strut or compression member formed of a pipe  $b'$ . It will be seen that the castings C project for some distance below the angle  $a$ , while the portion of

the casting B for the reception of the pipe  $b'$  50 projects below the pipes  $b$ , so that there is no liability of the spring-body A coming in contact with said strut even under the most trying conditions of use.

As before noted, each pair of angles  $a$  are 55 hinged together, preferably as shown in Fig. 4, there being riveted to their adjacent ends plates  $a^3$ , having lugs through which passes a bolt or rivet  $a^2$ . When not in use, one of the two frames formed by a pair of opposite 60 angles  $a$ , one of the tubes  $b'$ , and four of the tubes  $b$ , with their connecting parts, is folded over upon the other, so that the mattress as a whole has the appearance illustrated in Fig. 2 and may be conveniently stored or trans- 65 ported.

In attaching the spring-body A to the angles  $a$  a portion of said body is first confined between the angle and a metallic strip  $a^4$ , and said strip is riveted or otherwise held to said 70 angle in any desired manner. After this the spring-body is bent over the strip and tension is applied, so as to stretch it tightly between the opposite portion of the two frames.

By the above-described construction I am 75 enabled to provide a relatively stiff and at the same time light construction of frame and one which, it will be noted, is relatively inexpensive both as regards the material and labor required for its construction. 80

I claim as my invention—

1. The combination of a mattress-body, a pair of bars at each end of the same, a plurality of fittings having sockets and rigidly fixed to said bars so as to project below the same, an inclined member entering each socket, a compression member extending between opposite sets of said inclined members, and a fitting having sockets for the reception of the compression member and a plurality of the inclined members, substantially as described. 90

2. The combination of a mattress-body, two pairs of bars respectively hinged to each other, two downwardly-projecting pieces rigidly fixed to each bar, with a compression member 95 for each pair of opposite bars, the same including a pair of inclined rods joined at one end and respectively fitted rigidly to the pieces

carried by the bars, with a single rod extending between the joined ends of sets of the inclined rods, substantially as described.

3. The combination of a mattress-body, bars  
5 at each end of the same and respectively hinged together, inclined members rigidly connected to each bar, a compression member extending between opposite sets of said inclined members, said compression member lying below  
10 the level of said bars, and a fitting provided with a plurality of sockets for the reception of the compression and the inclined members, substantially as described.

4. The combination, in a mattress, of a body  
15 of wire-netting, two frames hinged together and supporting the same, each frame includ-

ing two parallel angle-irons, a pair of fittings rigidly fixed to each angle-iron extending below the same and having sockets at their lower ends, two pipes fitted into said sockets 20 and a fitting having three sockets, of which two are entered by said pipes, with another pipe extending between the fittings of opposite angle-irons and entering the third socket thereof, substantially as described. 25

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

PETER J. LEYENDECKER.

Witnesses:

JOHN SMITH,

JOS. H. KLEIN.