

No. 827,345.

PATENTED JULY 31, 1906.

J. M. BLOCHER.
SPRING MATTRESS SUPPORT.
APPLICATION FILED AUG. 22, 1905.

Fig. 1.

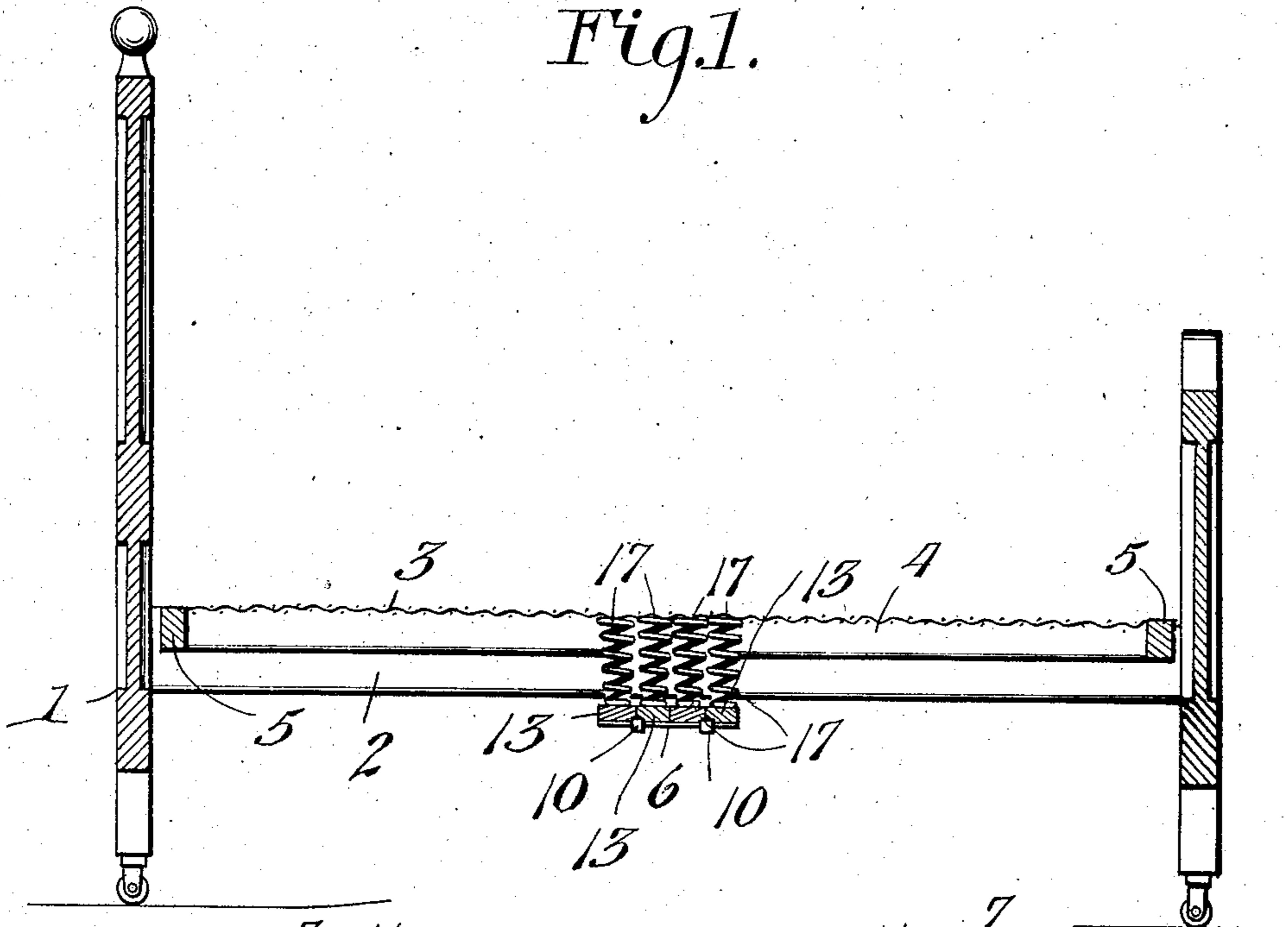


Fig. 2.

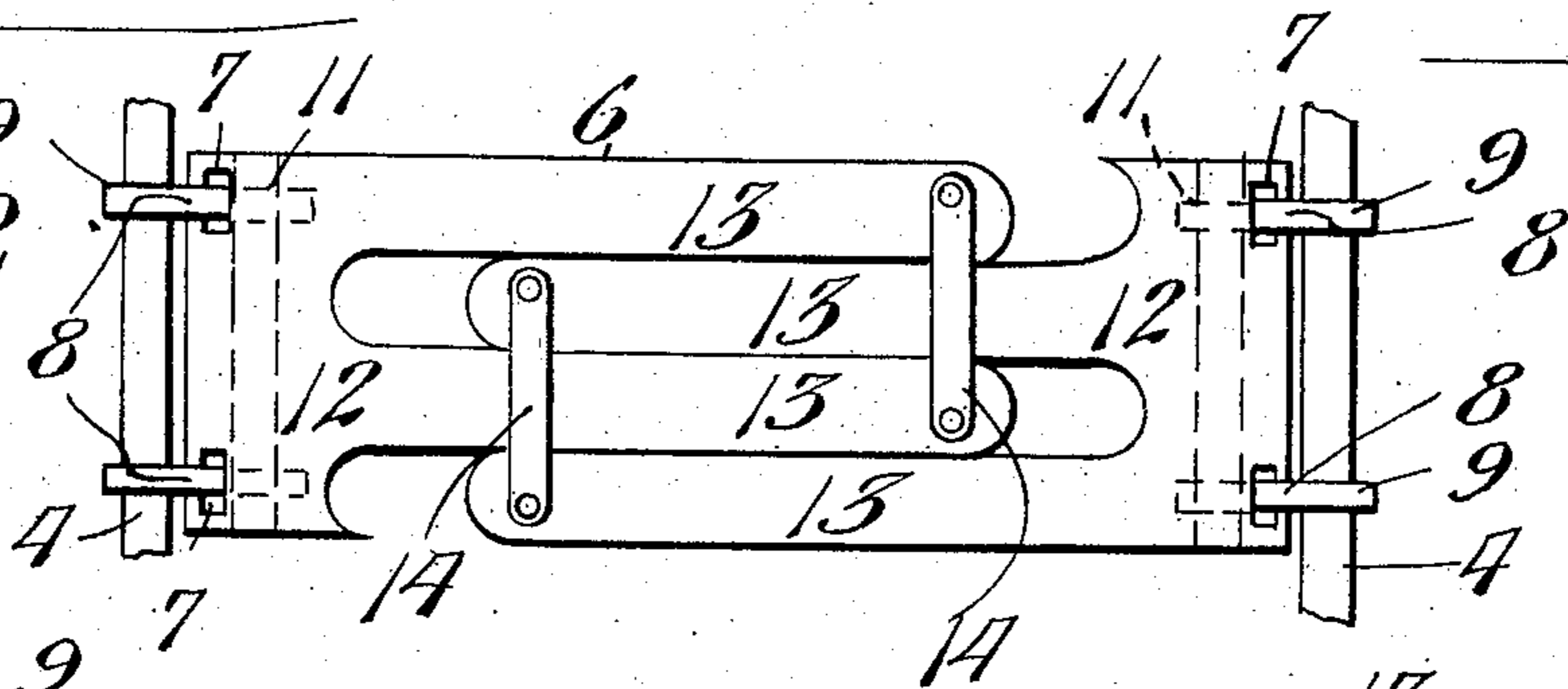


Fig. 3.

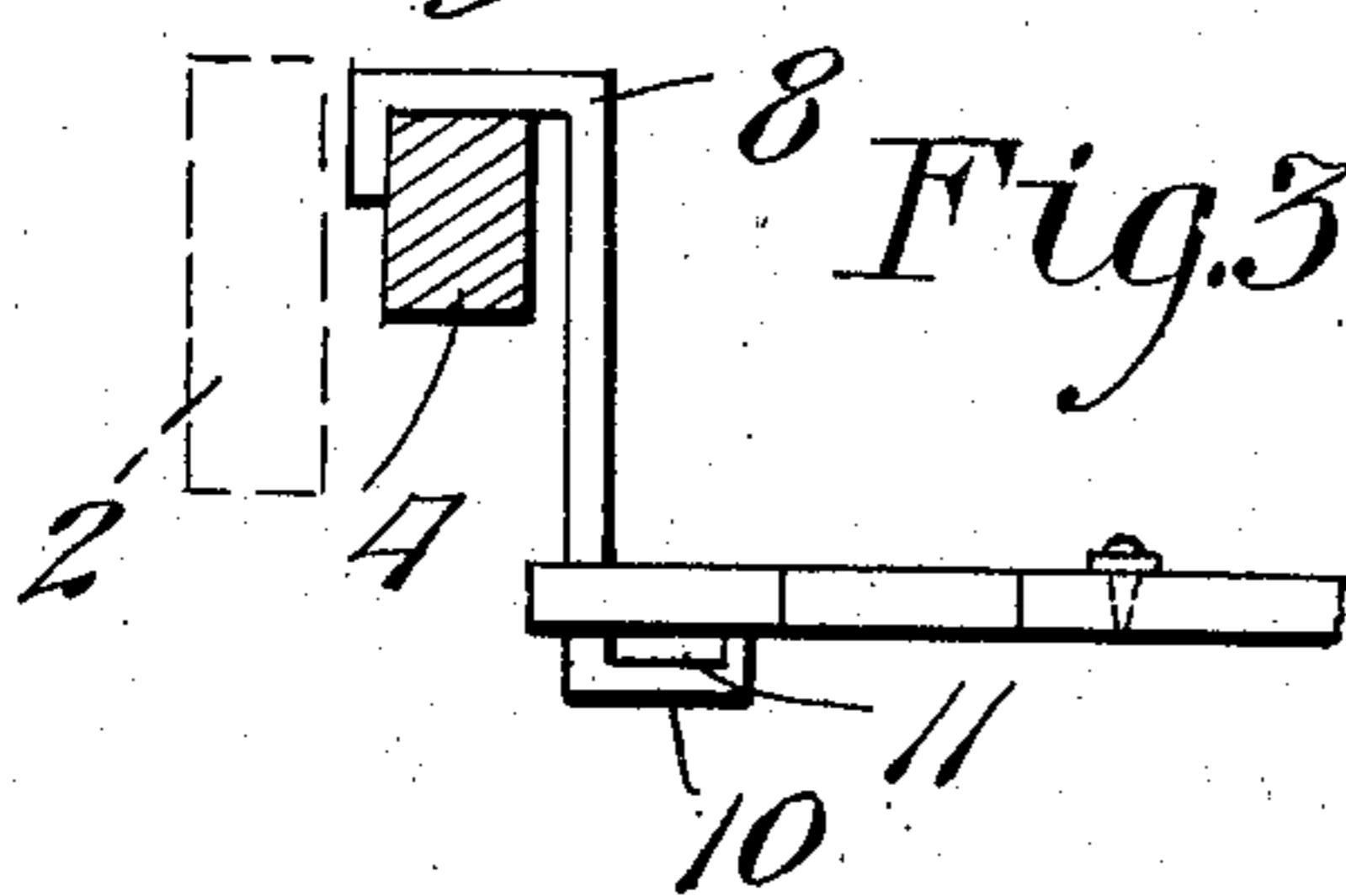
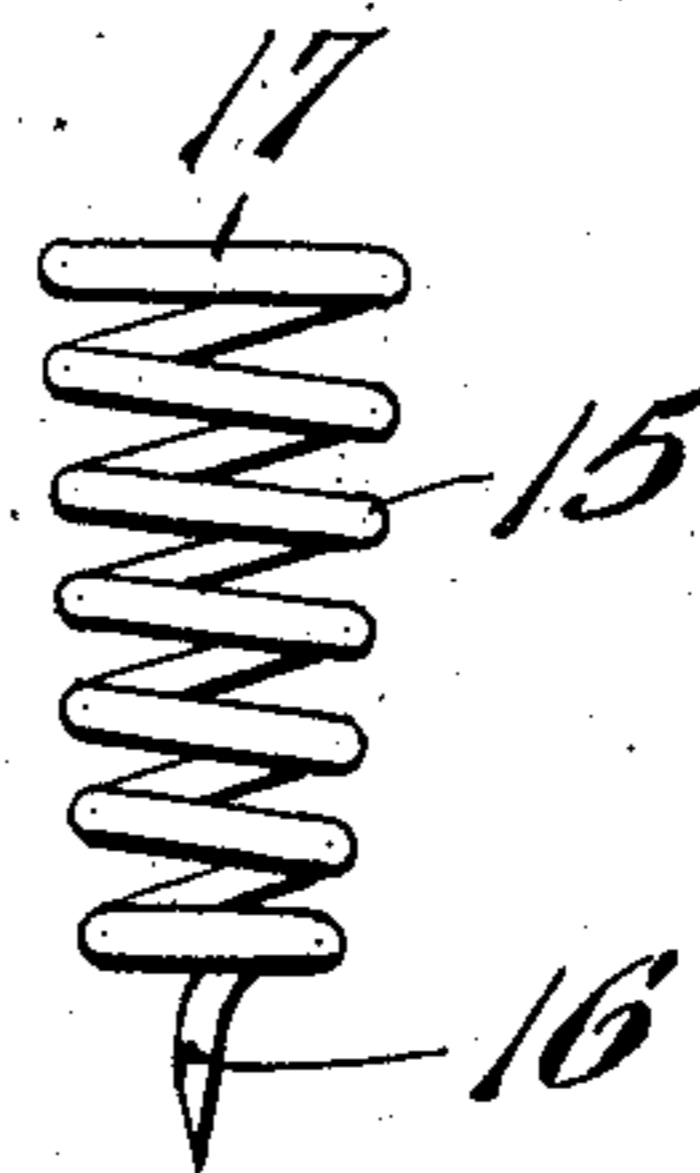


Fig. 4.



Witnesses

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SPRING-MATTRESS SUPPORT.

No. 827,345.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JONAH M. BLOCHER, a citizen of the United States, residing at Williams Bay, in the county of Walworth and State of Wisconsin, have invented new and useful Improvements in Spring-Mattress Supports, of which the following is a specification.

This invention relates to spring-mattresses for bedsteads, and especially to an attachment for supporting the mattress between its ends, and has for its objects to provide a simple inexpensive device of this character which may be readily applied for use and one whereby sagging of the mattress between its ends will be wholly obviated.

A further object of the invention is to provide a device of this type in which the base member may be readily adjusted to accord with bedsteads of varying widths, one in which the base will be firmly but detachably sustained in place, and one wherein the auxiliary supporting-springs may be quickly and conveniently attached in position upon said base.

With these and other objects in view the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a vertical longitudinal section through a bedstead equipped with a mattress-supporting device embodying the invention. Fig. 2 is a detail top plan view of the base portion. Fig. 3 is a detail view, partly in section, showing the manner of connecting the base portion with the mattress. Fig. 4 is an elevation of one of the supporting-springs.

Referring to the drawings, 1 designates a bedstead having side rails 2 and equipped with a spring-mattress 3, the frame of which includes longitudinal side bars 4 and transverse end bars 5, to which latter the spring fabric is attached, these parts being all of the usual or any approved construction and material and adapted to perform their ordinary functions.

Disposed at the center of the bedstead at a point beneath and suitably remote from the mattress 3 is a supporting member or base 6, provided at its ends with openings or seats 7, designed to receive engaging members or hangers 8, composed of strap metal and provided at their upper ends with angularly-bent engaging portions or hooks 9, designed to seat over the upper edges of the frame-

bars 4, and at their lower ends with angularly-disposed engaging portions or hooks 10, adapted for engagement with cross-pieces or cleats 11, attached to the lower face of the base member 6 at points adjacent the openings 7. The member 6 is composed of a pair of relatively movable sections 12, formed to provide overlapping interengaging parallel arms 13 arranged in pairs, the pair of arms on each section being connected at their outer ends by a connecting element or strap 14, secured by screws or other suitable fastening devices, these straps constituting stops for limiting the outer or extended movement of the sections and for preventing accidental disengagement of the sections 12.

Sustained upon the base member 6 are auxiliary supporting-springs 15, the lower coils of which terminate in vertically-disposed sharpened engaging portions 16, adapted to be driven into the material of the base 6 for securing the springs in position thereon, it being noted that the springs terminate at their upper ends in flat coils 17, which bear beneath the center of the mattress 3 and present a smooth surface for the reception of the latter.

In practice the base-plate 6 is secured in position by engaging the portions 9 of the hangers 8 with the side bars 4, the sections 12 being susceptible of relative movement to adapt the base-plate for bedsteads of varying widths, as will be readily understood. After the base has been arranged in place the springs 15 are fixed thereon by driving the sharpened terminals 16 into the material of the base, these springs serving to yieldably sustain the center of the mattress 3 and obviate sagging of the latter between its ends. It may be mentioned that under this construction while the mattress is properly supported to prevent sagging between its ends the yieldability of the mattress is wholly unimpaired and the device rendered highly comfortable in use.

From the foregoing it is apparent that I produce a comparatively simple inexpensive device of this character admirably adapted for the attainment of the ends in view, it being understood that minor changes in the details herein set forth may be resorted to without departing from the spirit of the invention.

Having thus described my invention, what I claim is—

1. In a device of the class described, a base

member provided at its outer ends with perforations, cleats attached to the normally lower end of the base adjacent the openings, hangers formed for entrance through said
5 openings and having hooked engaging portions adapted to engage the cleats, and supporting-springs sustained by the base member.

2. In a device of the class described, a base
10 member comprising a pair of longitudinally-adjustable sections provided at their outer ends with perforations and having overlapping arms, elements connecting the arms on the respective sections and constituting stops

for limiting the outward movement of the
15 latter, cleats attached to the normally lower faces of the sections adjacent the openings, hangers formed for entrance through said openings and having hooked engaging portions adapted to engage the cleats and supporting-springs sustained by the base member. 20

In testimony whereof I affix my signature in presence of two witnesses.

JONAH M. BLOCHER.

Witnesses:

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