

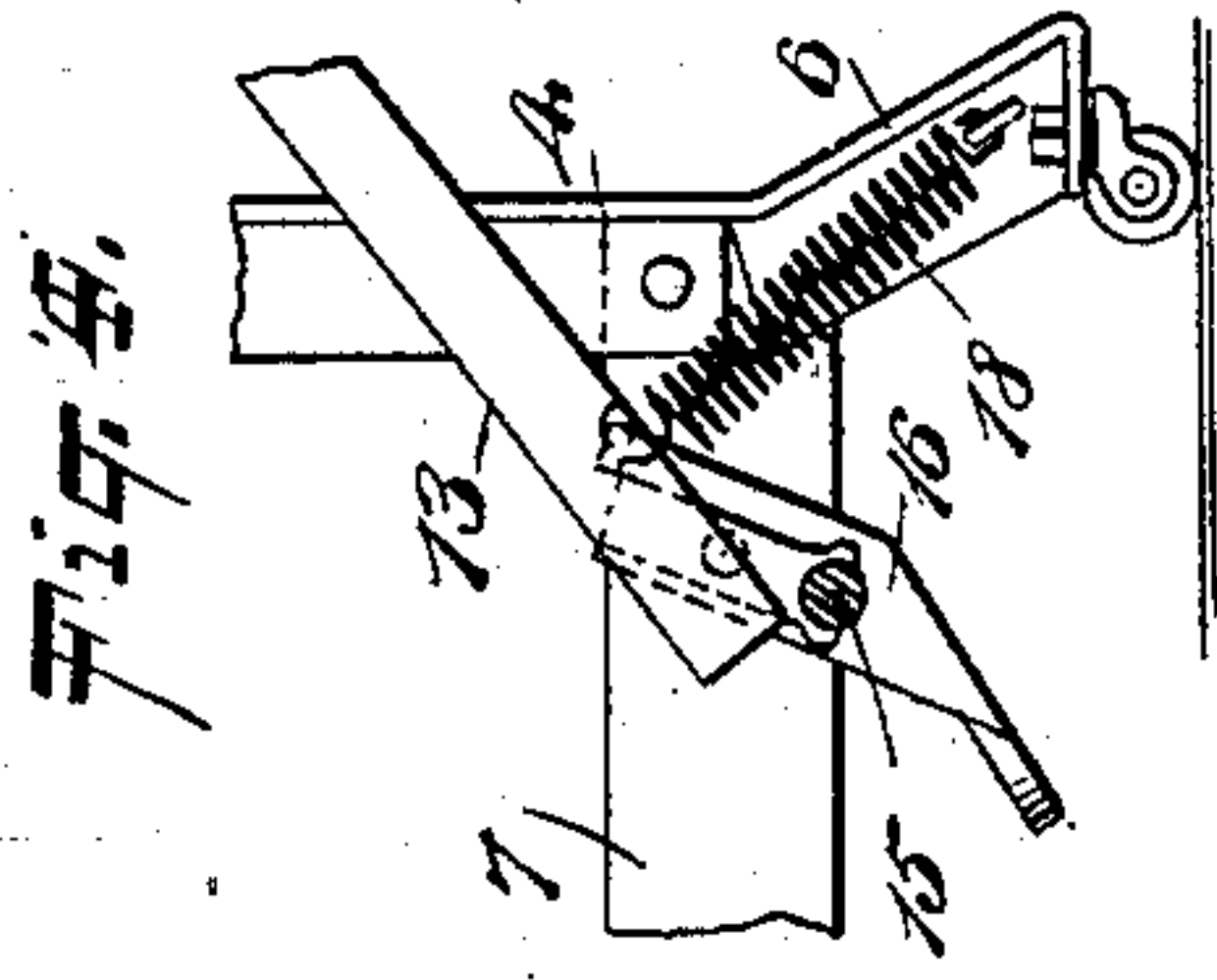
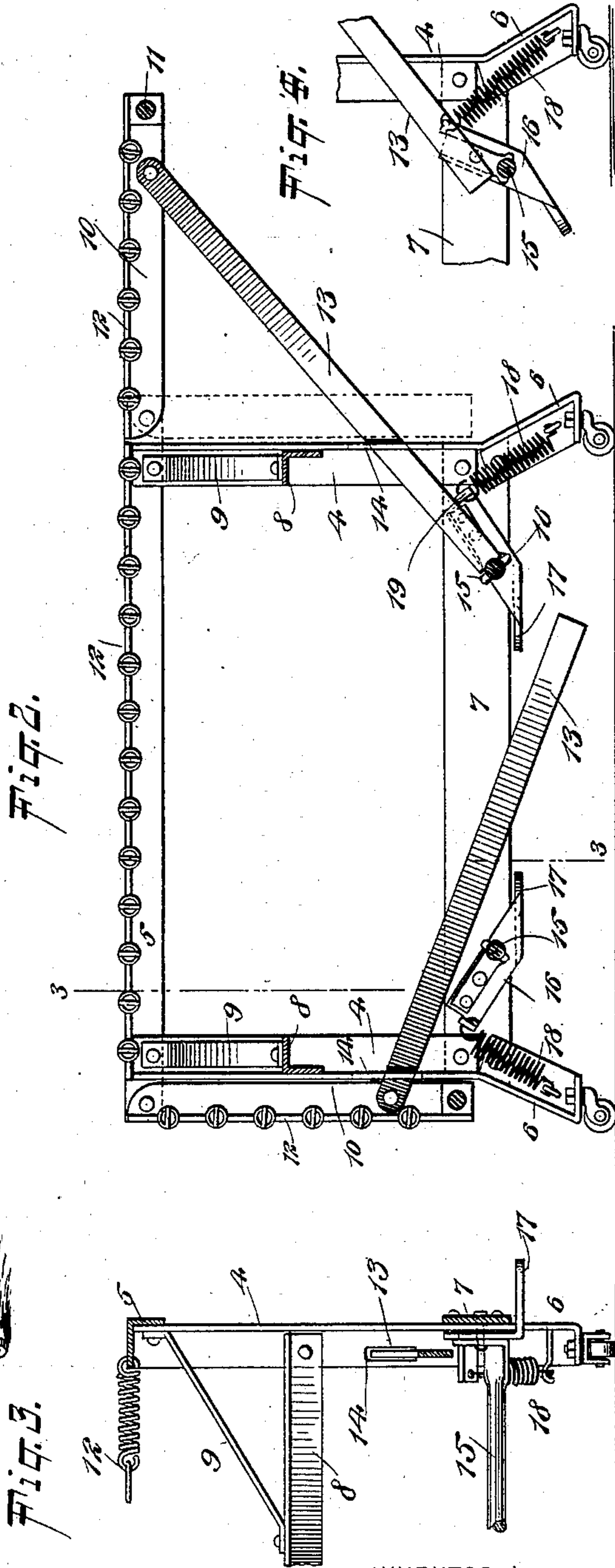
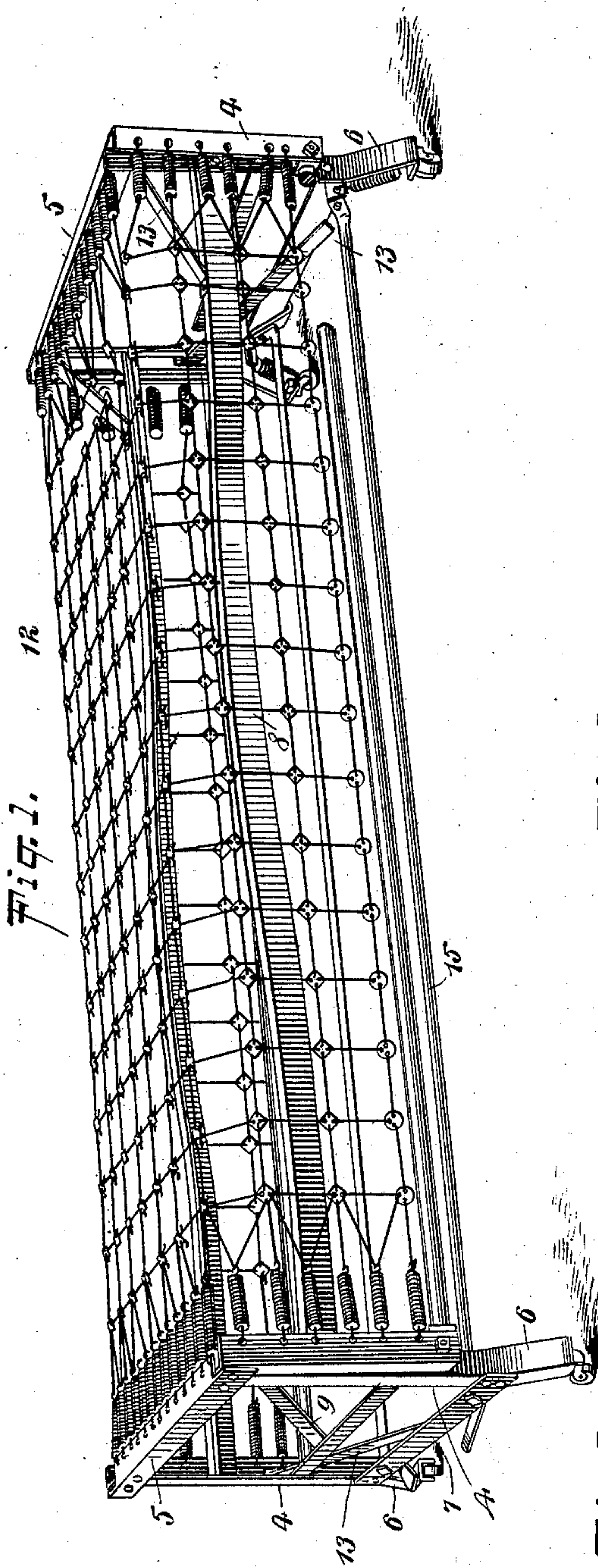
No. 657,469.

Patented Sept. 4, 1900.

J. THOMPSON.
BED COUCH.

(Application filed Feb. 20, 1900.)

(No. Model.)



WITNESSES:

William P. Guebel.
C. R. Ferguson

INVENTOR

John Thompson
BY *Mum*
ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN THOMPSON, OF NEW YORK, N. Y., ASSIGNOR TO THOMPSON & CO.,
OF NEW YORK, N. Y.

BED-COUCH.

SPECIFICATION forming part of Letters Patent No. 657,469, dated September 4, 1900.

Application filed February 20, 1900. Serial No. 5,922. (No model.)

To all whom it may concern:

Be it known that I, JOHN THOMPSON, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the
5 county of Kings and State of New York, have invented a new and Improved Bed-Couch, of which the following is a full, clear, and exact description.

This invention relates to improvements in
10 bed-couches, and the object is to provide a device of this character that may be quickly and easily changed from a couch to a bed of a desired width and as readily changed from bed to couch form.

15 I will describe a bed-couch embodying my invention and then point out the novel features in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification,
20 in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a bed-couch embodying my invention. Fig. 2 is a cross-section of the same. Fig. 3 is a section
25 on the line 3 3 of Fig. 2, and Fig. 4 is a detail view of a locking and releasing mechanism.

The couch comprises end frames, each consisting of the side bars 4, connected at the top by a cross-piece 5 and terminating at the
30 lower end in legs 6, to which casters may be attached, as indicated in the drawings. The lower portions of the parts 4 are connected by cross-bars 7. Side bars 8 connect the opposite end frames, which may be of L or angle iron. The end frames have brace con-
35 nections 9 with the side bars 8.

Mounted to swing on opposite sides of the couch are side extensions, each consisting of end arms 10, pivotally connected to the top
40 or cross bars 5, and the two arms 10 of a side are connected one with the other by a tie-rod 11. A wire or spring mattress 12 extends over the top of the couch and also across the swinging side portions, as plainly indicated.
45 Supporting-bars 13 are pivotally connected to the arms 10, and they are movable through and guided in slots 14, formed in the side portions 4 of the end frames.

Extended lengthwise of the couch at opposite sides are rock-shafts 15, designed to be
50 engaged with the ends of the supporting-bars 13, to hold the side extensions in their elevated position, as indicated at the right-hand side of Fig. 2. The rock-shafts 15 are connected at their ends to plates 16, pivoted to
55 the bars 7, and have portions 17 extended outward and upon which a person may place his foot to disengage the bars 13 from the shafts. The plates 16 have spring connections 18 with the leg portions 6 of the end
60 frames.

In operation when it is desired to change the couch into bed form either one or both of the side extensions may be raised, depending,
65 of course, upon the width desired for the bed. As the side extension is raised the supporting-bars 13 will fall with their ends into engagement with the rock-shaft 15 at that side of the couch where the extension is raised.
70 When it is desired to lower the extension, a downward pressure on the plate 17 at either end of the couch will rock the plate 16, causing fingers 19 thereon to move the ends of the bars 13 out of engagement with the rock-shaft. Then the extension will fall by grav-
75 ity and the plates 16 will be moved to their normal position by means of the springs.

While I have shown an extension at each side of the couch, it is to be understood that only one side thereof need be provided with a
80 swinging extension.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A couch, comprising end frames, each con-
85 sisting of side bars connected at the top by cross-pieces, bars connecting the lower portions of the end frames, side bars connecting the opposite end frames, side extensions mounted to swing on the end frames, a mat-
90 tress extending over the extensions and the body portion of the couch, supporting-bars pivotally connected to the swinging extensions and guided in slots formed in the side portions of the end frames, rock-shafts extended
95 lengthwise of the couch at opposite sides and

designed to be engaged with the ends of the supporting-bars to hold the extensions in elevated position, plates mounted to swing and engaging with the supporting-bars, and foot-
5 pieces extended outward from said plates, substantially as specified.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

JOHN THOMPSON.

Witnesses:

WILLIAM THOMPSON,
THOMAS THOMPSON.