

No. 702,690.

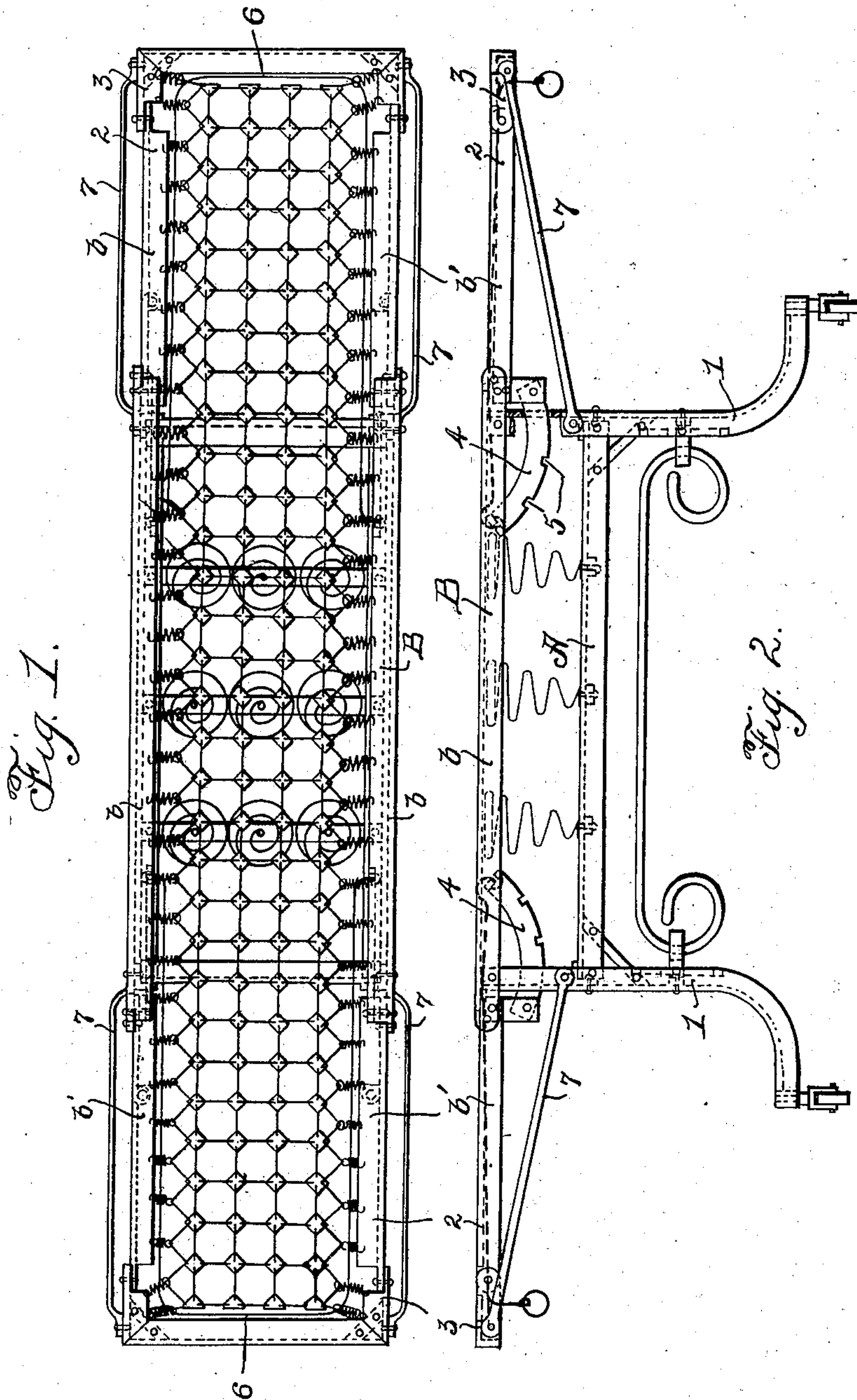
Patented June 17, 1902.

L. N. BACHAND.
BED.

(Application filed Sept. 24, 1900.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:

Milton M. Alexander.

Max W. Zabel.

Inventor:
Levi N. Bachand,

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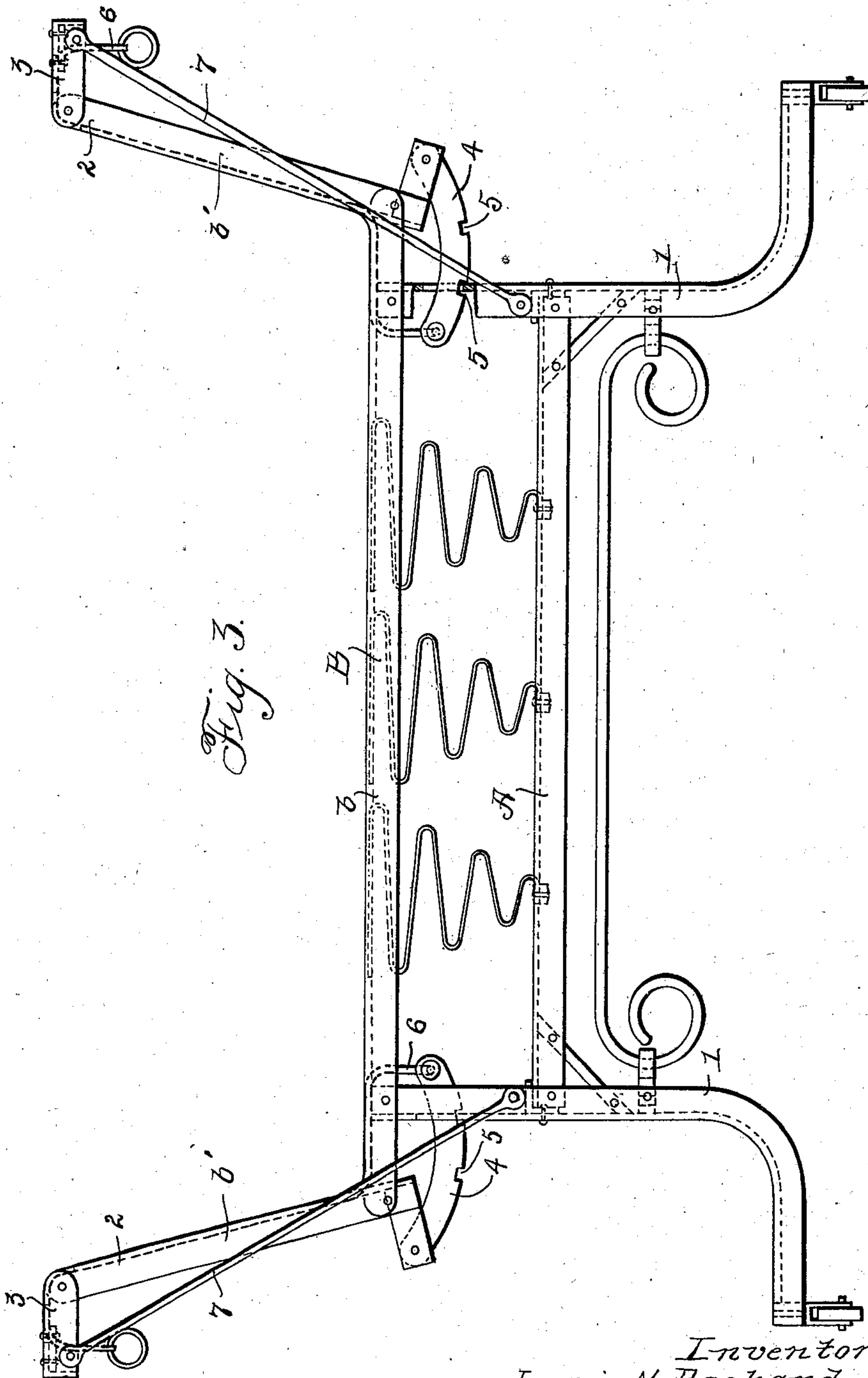
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UNITED STATES PATENT OFFICE.

LEVI N. BACHAND, OF CHICAGO, ILLINOIS.

BED.

SPECIFICATION forming part of Letters Patent No. 702,690, dated June 17, 1902.

Application filed September 24, 1900. Serial No. 30,892. (No model.)

To all whom it may concern:

Be it known that I, LEVI N. BACHAND, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Beds, (Case No. 8,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates in general to beds or bed structures, and in particular to cots, and more particularly to cots in which the frame is composed of steel or other metal.

Prominent objects of my invention are to provide a structure which is capable of use either as a cot or as a divan and to accomplish this result by practicable and inexpensive means.

The structure which I have illustrated in the drawings is a cot or single bed and has an iron or steel framework supporting a bed-bottom whose sides and ends are composed of steel or iron. The bed-bottom is composed of a stationary central section secured rigidly to the supporting-frame and a couple of swinging end sections pivotally connected to the central stationary portion. The end sections are capable of adjustment into positions at a greater or less angle with the central portion and are also capable of being retained in position in line with said central portion. In the latter case—that is, when the end portions are level with the central portion—the structure is capable of use as a single bed or cot and also as a couch.

When one of the end portions is swung up or elevated slightly, the structure is capable of use as a single couch or sofa having an elevated end. When both of the end portions are elevated or swung up, so as to occupy nearly-perpendicular positions, the structure is capable of use as a divan.

In the accompanying drawings, illustrating this structure, Figure 1 is a plan of a cot embodying my invention. Fig. 2 is a side elevation of the same with both of the end sections in horizontal position. Fig. 3 is a side elevation of the same on a larger scale and with both of the end sections swung up into the position in which the structure is to be used as a divan.

Referring first to Figs. 1 and 2, it will be seen that the cot illustrated as a device embodying my invention consists of a suitable frame A, having supporting-legs 1 1 and a bed-bottom B, supported by the legs 1 1. The bed-bottom B consists of a central stationary portion or section *b* and two swinging end portions or sections *b' b'*. The sections *b' b'* are pivotally connected with the opposite ends of the stationary section *b*, in which way either one or both can be swung up, so as to occupy positions at an angle with the central portion *b*. In Figs. 1 and 2 the end sections *b' b'* are shown in their downward positions, in which they are in alinement or level with the middle portion *b*. In such position the structure can be used either as a single bed or as a couch by providing it with suitable furnishings.

In Fig. 3 the end sections are shown both swung up to nearly-vertical positions, in which the structure is capable of use as a divan by providing it with the proper coverings. Instead of elevating both of the end sections to the position shown in Fig. 3 one of them can be maintained in a lowered position and the other can be elevated only slightly, in which case the structure can be of service as a single couch with a slightly-elevated end. The end portions *b' b'* are desirably each composed of long and short sections 2 and 3, respectively hinged or pivoted together, in which way the short sections 3 3 can be given a horizontal position when the end portions are swung up or elevated, so as to form arm-rests.

As a simple arrangement for maintaining the swinging end sections or portions *b' b'* in their elevated positions I have shown each of the same provided with sectors 4 4, having notches 5 5, adapted to engage the upper ends of flanges on the legs 1 1, the said flanges being shown in dotted lines in the figures. One set of notches 5 5 is to maintain the end sections *b' b'* in a slightly-elevated position and the other set to maintain them in a fully-elevated position.

As an arrangement for unlocking the sectors 4 4 I have shown each of the same provided with a cord 6, connected to the inner end of the sectors and extended back to the outer end of the swinging section of the bed.

As an arrangement for automatically swinging the end sections 3 3 with reference to the larger or body sections 2 2 of the swinging end portions *b' b'* the outer ends of the sections 3 3 are connected with rods 7 7, which are in turn connected with the legs 1 1, in which way when the swinging portions *b' b'* swing upwardly the rods 7 7 retard the elevation of the sections 3 3, and thereby cause the same in effect to swing outwardly from the sections 2 2, as shown in Fig. 3.

What I claim as my invention is—

1. In a bed structure, the combination with the stationary portion of the bed, of a swinging end portion pivotally connected with the end of said stationary portion and composed of relatively long and short portions pivotally connected together with the short portion outermost, a downwardly-extending projection on the relatively long section, sectors pivotally connected with said downwardly-extending projection and provided with notches adapted to engage the bed-frame, and a pair

of side rods each of which has one end pivotally connected directly with said relatively short section, and the other end pivotally connected with the bed-frame, substantially as described.

2. In a bed structure, the combination of a central stationary middle portion, swinging end portions each consisting of long and short sections, sectors carried by the end portions and having notches flanges on the legs of the structure with which said notches can engage, cords attached to said sectors for unlocking the same and rods pivotally connected with the outer ends of the short sections of the swinging end portions and also pivotally connected with the framework of the bed structure, substantially as described.

In witness whereof I hereunto subscribe my name this 17th day of September, A. D. 1900.

LEVI N. BACHAND.

Witnesses:

A. MILLER BELFIELD,
HARVEY L. HANSON.