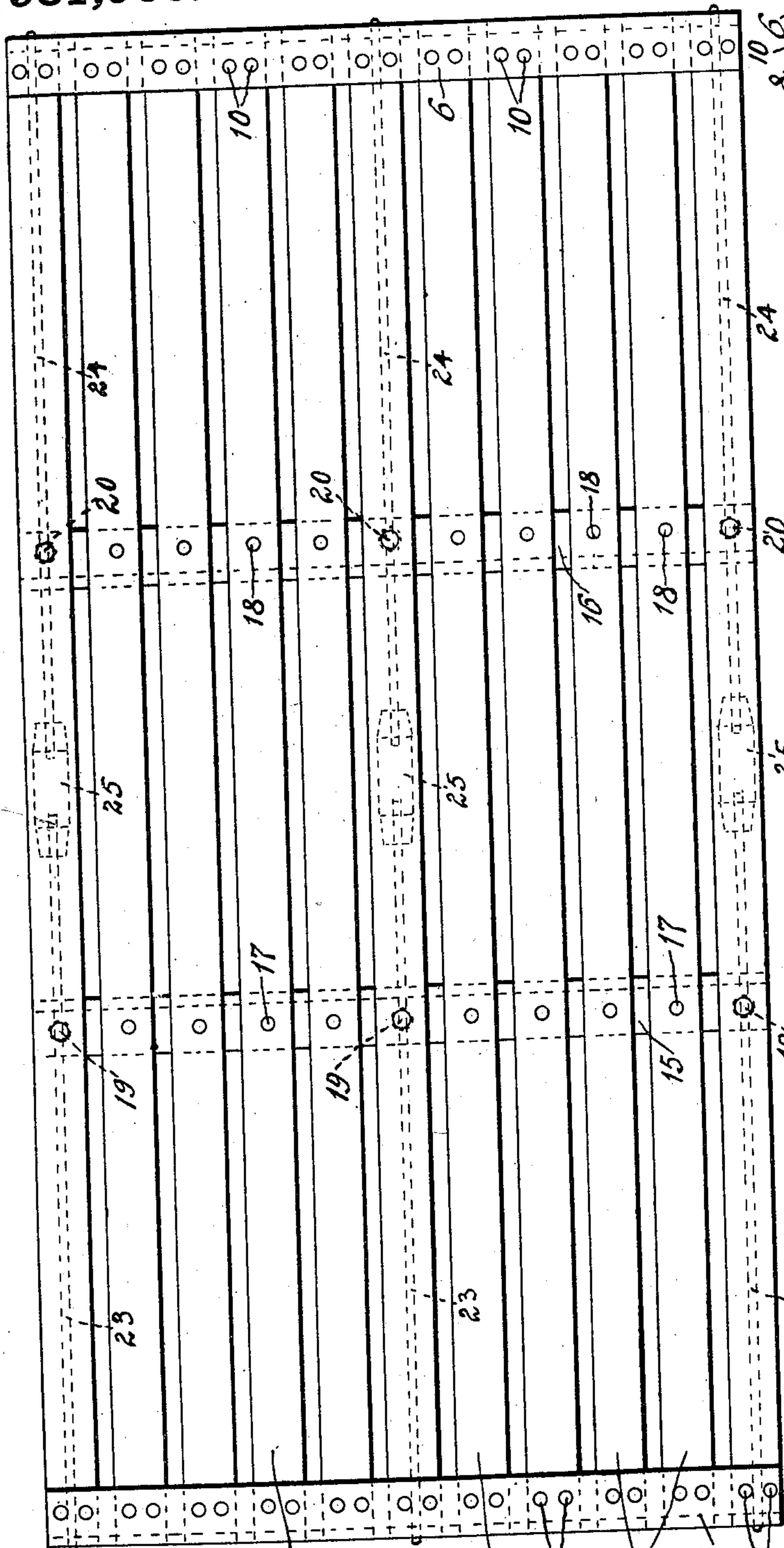


Patented Jan. 17, 1911.

981,966.



WITNESSES:

Arthur Ormay
W. J. May

Fig. 1

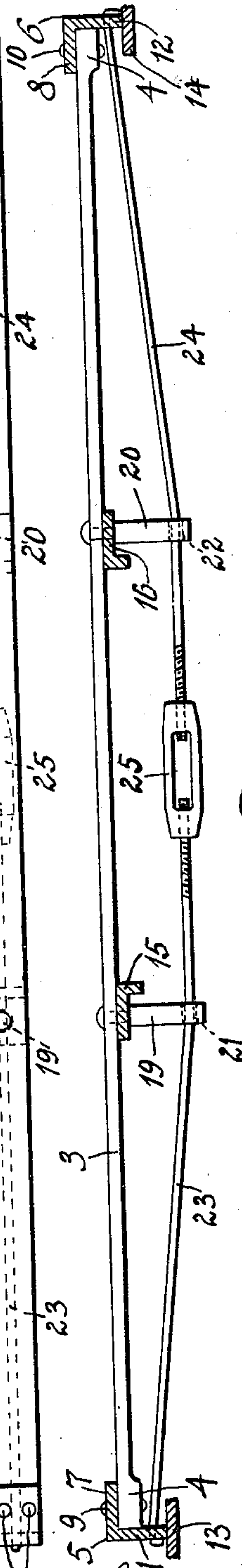


Fig. 2

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UNITED STATES PATENT OFFICE.

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BED-BOTTOM

981,966.

Specification of Letters Patent.

Patented Jan. 17, 1911.

Application filed April 6, 1909. Serial No. 488,189.

To all whom it may concern:

Be it known that I, EUGENE AMBROZY, a subject of the King of Hungary, and resident of the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Bed-Bottoms, of which the following is a specification.

The present invention relates to bed-bottoms, and more particularly to that class of the same in which there are provided, instead of the usual helical springs, a plurality of flexible, elastic slats.

The object of the invention is to provide a bed-bottom of the character specified, which is simple in its construction and inexpensive to manufacture, and possesses all the properties and advantages of the comparatively expensive spring bed-bottoms.

Another object of the invention is to provide a bed-bottom of this kind, the ends of the slats whereof may be drawn toward and from each other so as to vary the elasticity of the bed-bottom, at will.

Further objects and advantages of the invention will be apparent in reading the specification and from an examination of the drawings, forming part of the present application for Letters Patent.

With these and other objects in view, the invention consists of certain novel features of construction and arrangement of parts, which will be hereinafter more fully explained and pointed out in the claim.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of a bed-bottom embodying the invention, and Fig. 2 is a section taken on line 2, 2 of Fig. 1.

In the drawings, the numerals 3, 3 indicate a plurality of flexible and resilient slats, preferably, made of wood or steel, although any other desired material suitable for the purpose at hand may be used. The ends of these slats are somewhat strengthened, as clearly shown at 4, 4, and are connected, preferably, by means of angle-irons 5 and 6, respectively, whereby a bed-bottom of rectangular form is provided. More particularly, the ends of the, preferably, parallel slats 3, 3 are secured to the horizontal legs 7 and 8 of the angle-irons 5 and 6, respectively, by means of rivets 9 and 10, or

their equivalents. The vertical legs 11 and 12 of the angle-irons rest upon the supports 13 and 14 of the bedstead. In order to strengthen the bed-bottom, there are provided reinforcing devices, such as bars 15 and 16, arranged transversely upon the slats 3, 3 and secured to the underside thereof by rivets 17 and 18, or their equivalents.

To the bars 15 and 16 are attached at suitable intervals a plurality of brackets 19 and 20, respectively, provided near to their lower ends with holes 21 and 22, respectively. Through these holes run tension rods 23 and 24, which are secured at their outer ends in any suitable manner to the angle-irons 5 and 6, respectively, while their inner screw threaded ends are engaged by turn-buckles 25, 25.

As mentioned hereinbefore, the angle-irons rest upon the supports 13 and 14 of the bedstead, as shown in Fig. 2 of the drawings, which illustrates the parts of the device assembled, whereby the slats 3, 3 are arranged in a horizontal plane. In order to impart elasticity to the bed-bottom, the turn-buckles 25, 25 are turned so as to draw the angle-irons 5 and 6, or in other words, the ends of the slats 3, 3, together, whereby the slats will assume the form of arcs, their central portion being caused to move upward. Thus a yielding bed-bottom may be obtained, the elasticity of which may be varied as the ends of the slats are drawn more or less together or away from each other.

It is obvious that other tension devices may be employed than the one shown in the drawings without departing from the spirit and scope of the invention.

What I claim is:

In a bed-bottom, the combination with a plurality of flexible and elastic slats, of two angle-irons fixedly attached to the ends thereof, the portions of the slats contacting with said angle-irons being enlarged, reinforcing devices for the slats arranged transversely thereof and fixedly secured thereto, brackets having eyes therethrough depending from said reinforcing devices, said brackets terminating in a plane below the free edges of the vertical legs of said angle-irons, rods rigidly secured to the vertical legs of said angle-irons and projecting in-

wardly of the bed-bottom and through the eyes of said brackets, said rods being of equal number on each angle-iron, and turn-buckles engaging the free ends of said rods for drawing said angle-irons in a horizontal plane toward and from each other, for the purpose specified.

Signed at New York, in the county of New York and State of New York, this 3rd day of April, A. D. 1909.

EUGENE AMBROZY.

Witnesses:

SIGMUND HERZOG,
S. BIRNBAUM.