

SANITARY BED OR SPRING BED BOTTOM.

Patented May 9, 1911.

992,095.



Henry Felsburg

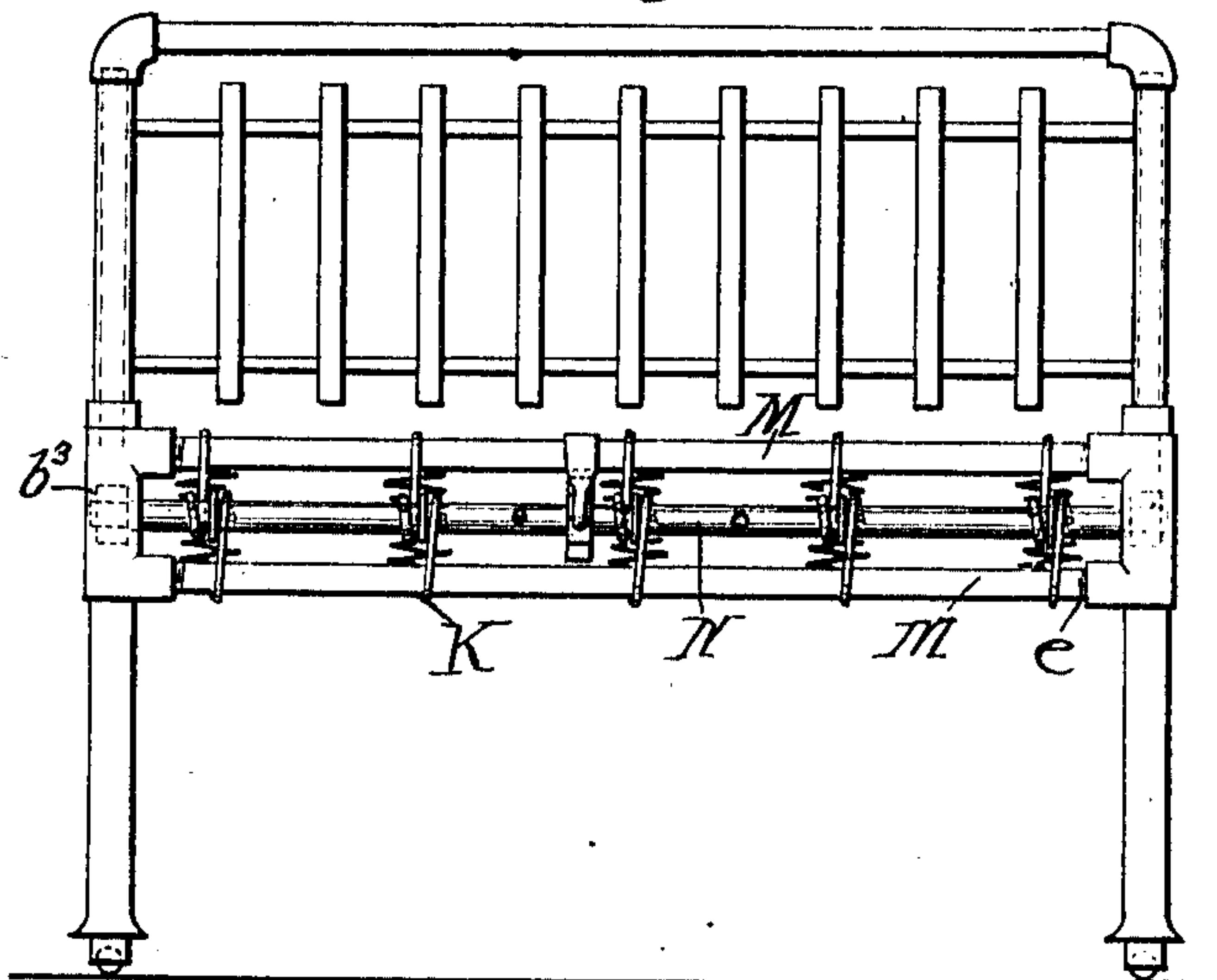
John Winget.

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 APPLICATION FILED AUG. 19, 1909.

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 2 SHEETS—SHEET 2.

Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE

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SANITARY BED OR SPRING BED-BOTTOM.

992,095.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed August 19, 1909. Serial No. 513,719.

To all whom it may concern:

Be it known that I, JOHN WINGET, a citizen of the United States, residing at No. 226 East Twenty-fifth street, city of New York, county of New York, and State of New York, have invented new and useful Improvements in Sanitary Beds or Spring Bed-Bottoms, of which the following is a specification.

10 My invention relates to a novel method of mounting and supporting a spring bed bottom and to the method of mounting the springs within a frame whereby a sanitary bed is produced having the advantages of
15 ease of construction and readiness in taking apart for cleaning or transporting, and one object of my invention is to produce a comfortable bed spring and a resilient mounting therefor.

20 Another object is to so construct the parts as to render it easy for the retail dealer or ordinary mechanic to reconstruct the device when the same has been shipped to him in its knocked-down state.

25 Other objects of the above device of this invention will appear from the following description of the device.

30 I attain these objects by the mechanism illustrated in the accompanying drawing, in which—

Figure 1 is a side elevation of the device. Fig. 2 is a plan view. Fig. 3 is an end elevation. Fig. 4 is a sectional detail showing the tightening device.

35 In the construction of my invention as shown in the drawings, the device is illustrated as being applied to what is known as a three-part bed in which the head and foot A—A' are connected together by a bed
40 spring frame, and no side rails are used other than those of the said frame. The bed spring frame has four corner irons or tubes, B—B at the head, and similar tubes B'—B' at the foot, and the interior portion b' is smooth and has four interior screw
45 threaded bosses b². The bosses are arranged in pairs, the members of each pair being in the same vertical line, and one pair being at right angles to the other pair. One
50 of these pairs is right threaded while the other is left, thus permitting the engagement with the side members E—E of which there are four, two on each side, and with the end members M—M of which there are
55 also four, two being located at each end. The ends of each of the said sides and end

rails are screw threaded as shown at e in Fig. 3 to engage the right and left threads of the bosses above described.

Within the frame formed by the corner 60 irons and rails are mounted the springs H, which may be of the double conical or any other form preferred. These springs are supported by cross wires J, which are connected by clips T to the springs and at their lower 65 ends to the lower side bars E. Crossing the wires J are another series of wires K which extend longitudinally of the frame and are attached at each end in a manner hereinafter described. Similar wires are 70 connected to the tops of the springs. Instead of extending the springs the entire length of the frame there is a row of rings near each end of the frame which lie in the plane of the top and bottom coils of the 75 spring as shown in Fig. 1. The longitudinal wires after their connection with the rings above described pass over the end rails and then are connected to a roller N which is mounted near the head of the 80 frame in ears b³ which are integral with the irons B. These rollers are held in position by a ratchet wheel D located between the ends of the roller N and a pawl U which is connected to the upper end rail. At the foot 85 of the frame the longitudinal wires extend around the top and bottom end rails thus connecting the top with the supporting wires. Tension springs are connected to the rings at the foot of the frame and to that 90 portion of the longitudinal wires between the end rails. At each side of the frame and above the side rail is a side cable C for holding a mattress in position.

I claim as my invention— 95

1. In bed spring constructions, the combination with a frame having side and end members, springs mounted within the frame, supporting members beneath said springs and passing under the end members of the 100 frame, top members above the said springs and passing over the end members of the frame, and means consisting of a roller to which is attached the top and supporting members for tightening same. 105

2. In bed spring constructions, the combination with a frame having side and end members, of springs within the frame, two rows of rings near one end of the frame, supporting members beneath said springs 110 connected to one row of rings, top members above said springs connected to the other

row of rings, tension springs connecting the said top and supporting members to the rings, and adjusting means for the top and supporting members at the other end of the
5 bed.

3. In bed spring construction, a frame consisting of side and end members, the end members having spaced portions, springs within said frame, supporting members for
10 said springs extending continuously over the tops of the springs around one end of the frame and beneath the springs, and spring members connected to the portion of the

supporting members which extend from one to the other of the spaced portions of the
15 end members, said spring members also having connections within said frame whereby a yielding tension is given to the supporting members.

In testimony whereof I have affixed my
20 signature in presence of two witnesses:

JOHN WINGET.

Witnesses:

LOUIS H. STEETS,
GEO. STEETS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
