

No. 610,698.

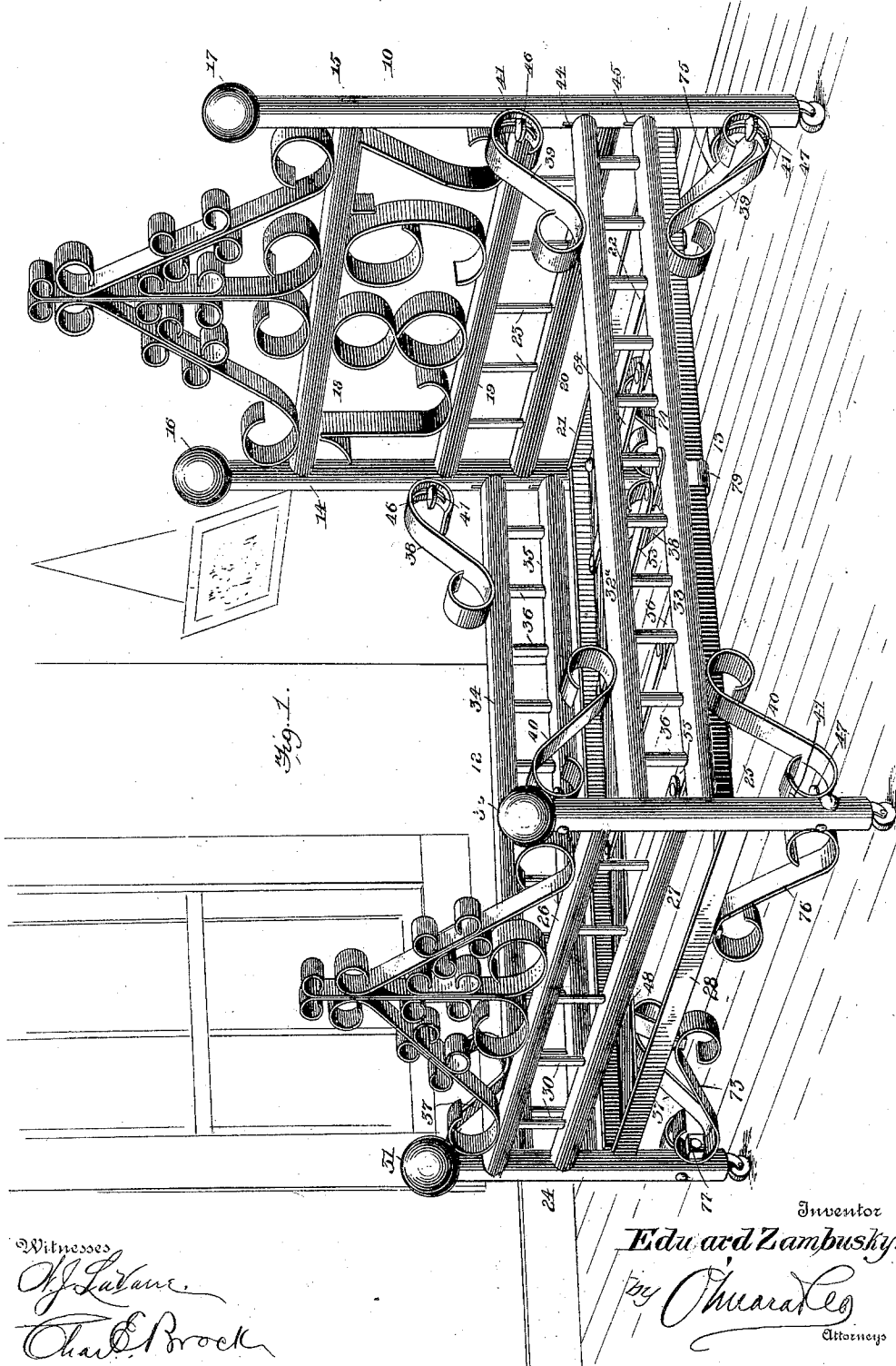
Patented Sept. 13, 1898.

E. ZAMBUSKY.
METALLIC BEDSTEAD.

(Application filed Jan. 8, 1898.)

(No Model.)

2 Sheets—Sheet 1.



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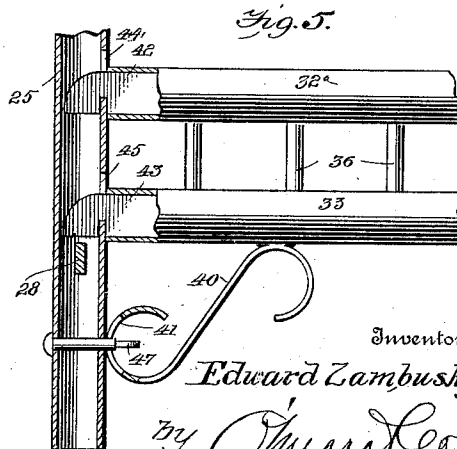
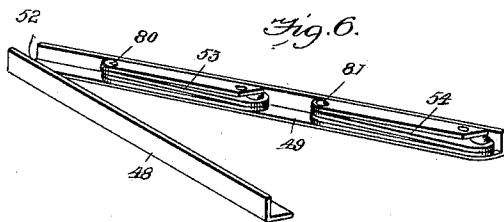
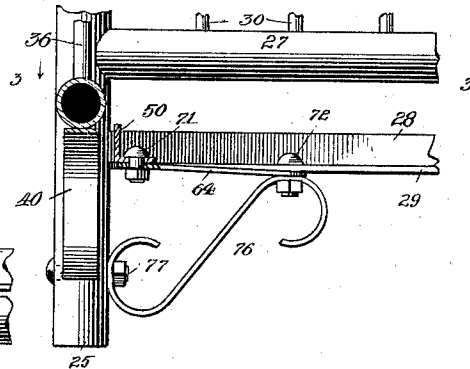
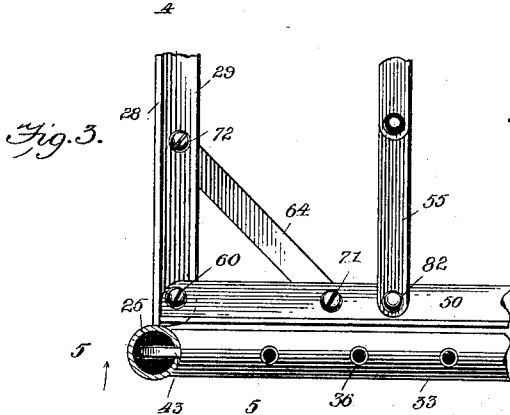
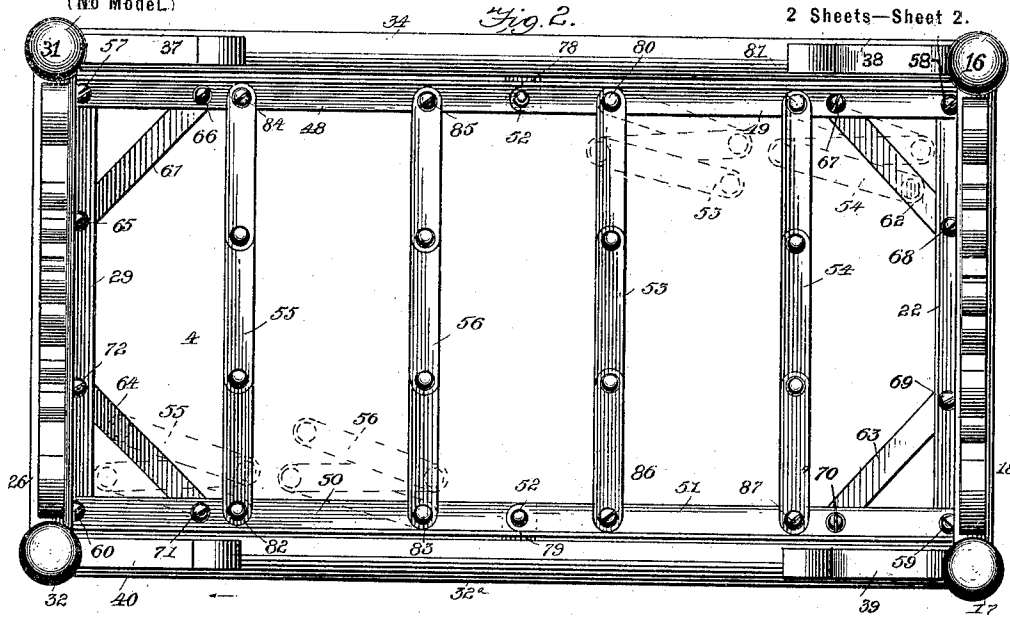
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2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

EDUARD ZAMBUSKY, OF WEST LEISENRING, PENNSYLVANIA.

METALLIC BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 610,698, dated September 13, 1898.

Application filed January 8, 1898. Serial No. 666,057. (No model.)

To all whom it may concern:

Be it known that I, EDUARD ZAMBUSKY, a citizen of the United States, residing at West Leisenring, in the county of Fayette and State of Pennsylvania, have invented a new and useful Improvement in Metallic Bedsteads, of which the following is a specification.

My invention relates to bedsteads made entirely of metal, and has for its object to provide certain improvements in the construction of bedsteads of this class whereby they are more easily "knocked down" or taken apart for packing and transportation and whereby they are rendered strong and rigid when set up and durable and effective in use.

With these objects in view my invention consists in the improved construction, arrangement, and combination of parts of a metallic bedstead, which will be fully described hereinafter and afterward specifically pointed out in the appended claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of a bedstead constructed in accordance with my invention. Fig. 2 is a top plan view thereof set up for use, the slats being shown in dotted lines as partially folded. Fig. 3 is a detail horizontal sectional view on the line 3 3 of Fig. 4. Fig. 4 is a detail sectional view on the line 4 4 of Fig. 2. Fig. 5 is a detail vertical sectional view on the line 5 5 of Fig. 3. Fig. 6 is a detail perspective view of one of the side slat-supports, with slats folded thereon, detached from the bedstead.

Like numerals of reference mark the same parts wherever they occur in the different figures of the drawings.

Referring to the drawings by numerals, 10 indicates the headboard, 11 the footboard, and 12 and 13 the side rails of a bedstead.

The headboard 10 consists principally of hollow uprights or posts 14 and 15, surmounted by balls 16 and 17 for purposes of ornamentation and to give a smooth finish there-

to, cross-pieces 18, 19, and 20, composed of pipe, and an angular bed-piece 21, provided with a horizontal flange 22, the cross-pieces and bed-piece being rigidly secured to the posts. The cross-pieces 19 and 20 are connected by rounds or spindles 23 and the cross-pieces 18 and 19 by any suitable ornamental metal-work to fill up the space and brace the headboard—in this instance the metal-work filling being shaped to form the number "1897," although any desired combination of letters, figures, or ornamental shapes might be used. Surmounted on cross-piece 18 is an ornamental structure consisting of flat metal bent to form any design desired.

The footboard 11 is somewhat similar to the headboard 10 in construction, being composed of hollow posts 24 and 25, connected by cross-pieces 26 and 27, of piping, and an angular bed-piece 28, with a horizontal flange 29, said cross-pieces being connected by hollow spindles 30 and the upper cross-piece 26 being surmounted by suitable bent-metal ornamental work. Balls 31 and 32 surmount the posts.

The side rails 12 and 13 are composed of parallel pipes 32, 33, 34, and 35, connected by hollow spindles 36, and to the under sides of the pipes 33 and 35 and the upper sides of pipes 32 and 34, near the ends thereof, are secured S-shaped brackets 37, 38, 39, and 40. The free ends of these brackets are vertically slotted, as at 41. The ends of the pipes composing the side rails are provided with projecting plugs, as 42 43, which form one member of a bedstead-fastener, being adapted to enter vertical slots 44 45 in the posts of the headboard and footboard. Each plug is provided in its under side with a notch to engage the metal of the posts at the bottom of slots 44 and 45. When the side rails have been secured to the head and foot posts, pivotal turn-buttons, as 46 47, secured in and projecting from the posts, pass through the slots in the S-shaped brackets, by means of which said brackets are rigidly secured to the posts.

The side bed-pieces or angular slat-supports are each composed of two sections, (marked 48, 49, 50, and 51,) pivotally connected at 52. To the section 49 are pivotally con-

needed folding sectional slats 53 and 54, and to the section 50 are pivotally connected similar folding sectional slats 55 and 56.

When in position, the side bed-pieces or slat-supports have their ends resting on the horizontal flanges 22 and 29 of the angular bed-pieces 21 and 28 and secured thereon by screws or bolts 57, 58, 59, and 60, and the side and end bed-pieces are stiffened by corner-braces 61, 62, 63, and 64, secured by bolts or screws 65 66 67 68 69 70 71 72, the screws or bolts 65, 68, 69, and 72 serving the additional purpose of securing S-shaped brackets 73, 74, 75, and 76 to the head and foot bed-pieces, the opposite ends of said brackets being bolted to the head-posts, as at 77. Brackets 78 and 79 depend from the central portion of the side pipes 33 and 35 and serve to support the said bed-pieces at the points 52, where their sections are pivotally connected.

The folding sectional slats 53, 54, 55, and 56 are pivoted to sections 49 and 50 by riveted pins 80 81 82 83 and when stretched into operative position, as shown in full lines in Fig. 2, are secured to sections 43 and 52 by screws or bolts 84, 85, 86, and 87.

The construction of my improved bedstead will be readily understood from the foregoing description. When the bedstead is set up and it is desired to take it apart, the screws or bolts 66, 67, 70, and 71, which connect the corner-braces 61, 62, 63, and 64 to the side bed-pieces, are removed, which will permit of the corner-braces being folded against the head and foot bed-pieces. The screws or bolts 84, 85, 86, and 87, which connect the slats to the side bed-pieces, are next removed, which will permit the slat-sections to be folded upon each other and upon the horizontal flanges of the side bed-pieces. The screws 57, 58, 59, and 60, which connect the side bed-pieces with the head and foot bed-pieces, are now removed, which will allow of the side bed-pieces being removed and folded for packing or transportation. The turn-buttons 46 and 47, which connect the upper and lower S-shaped brackets with the corner-posts, are now turned to vertical positions in line with the slots in the brackets, and, finally, the complete side rails, including the S-shaped brackets attached thereto, may be detached from the headboard and footboard by slightly raising the side rails to disengage the notches in the under sides of the projecting plugs 42 and 43 from the metal of the hollow corner-posts, and, finally, by withdrawing the plugs from the slots in the posts.

The simplicity, beauty, durability, and effectiveness of my construction will be apparent from the foregoing description, and while I have illustrated and described what I consider the best means for carrying out my invention I wish it to be understood that I do not restrict myself to the exact details of construction set forth, but hold that any slight variation therefrom, such as would suggest

itself to the ordinary mechanic, would properly fall within the limit and scope of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. The combination in a bedstead, of hollow corner-posts, side rails, fastening means to secure the side rails to the corner-posts, S-shaped brackets secured at one end to the side rails and provided with vertical slots in the opposite ends, and turn-buttons pivoted in the posts and adapted to engage in the slots in the S-shaped brackets, substantially as shown and described.

2. The combination in a bedstead of hollow posts having vertical slots in their sides, hollow side rails connected together by vertical spindles, plugs projecting from each end of the hollow side rails to engage in the slots in the posts, S-shaped brackets connected to the hollow side rails and having vertical slots in their free ends, and turn-buttons pivoted in the posts and adapted to engage in the slots in the brackets, substantially as described.

3. The combination in a bedstead, of head and foot bed-pieces or slat-supports, side rails connecting the head and foot boards, side bed-pieces or slat-supports independent of the side rails, each comprising the two sections of about one-half the length of the bed, pivoted together at their center, resting at their ends upon the head and foot bed-pieces, folding sectional slats pivoted to the head-section of one side bed-piece and adapted to engage the head-section of the other side bed-piece when stretched, like slats pivoted to the foot-section of the last-named side bed-piece and adapted to be engaged with the foot-section of the first-named side bed-piece when stretched, substantially as described.

4. The combination in a bedstead, of head and foot bed-pieces forming rigid portions of the head and foot boards and provided with horizontal flanges, side rails connecting the head and foot boards, side bed-pieces or slat-supports independent of the side rails, supported at their ends upon the horizontal flanges of the head and foot bed-pieces, horizontal corner-braces pivoted to the side bed-pieces near each end, vertically-arranged S-shaped brackets bolted to the inside of the corner-posts of the head and foot boards in line with the end bed-pieces or slat-supports, and a bolt for each corner-brace, passed through the corner-brace, the horizontal flange of the head and foot end pieces, and the upper inner ends of the S-shaped brackets, securing both the corner-braces and brackets to the horizontal flange of the head and foot end pieces, substantially as described.

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