

No. 767,225.

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H. T. HALLOWELL.
SHEET METAL SHAFT HANGER.

APPLICATION FILED JAN. 27, 1903.

NO MODEL.

Fig. 1.

Fig. 2.

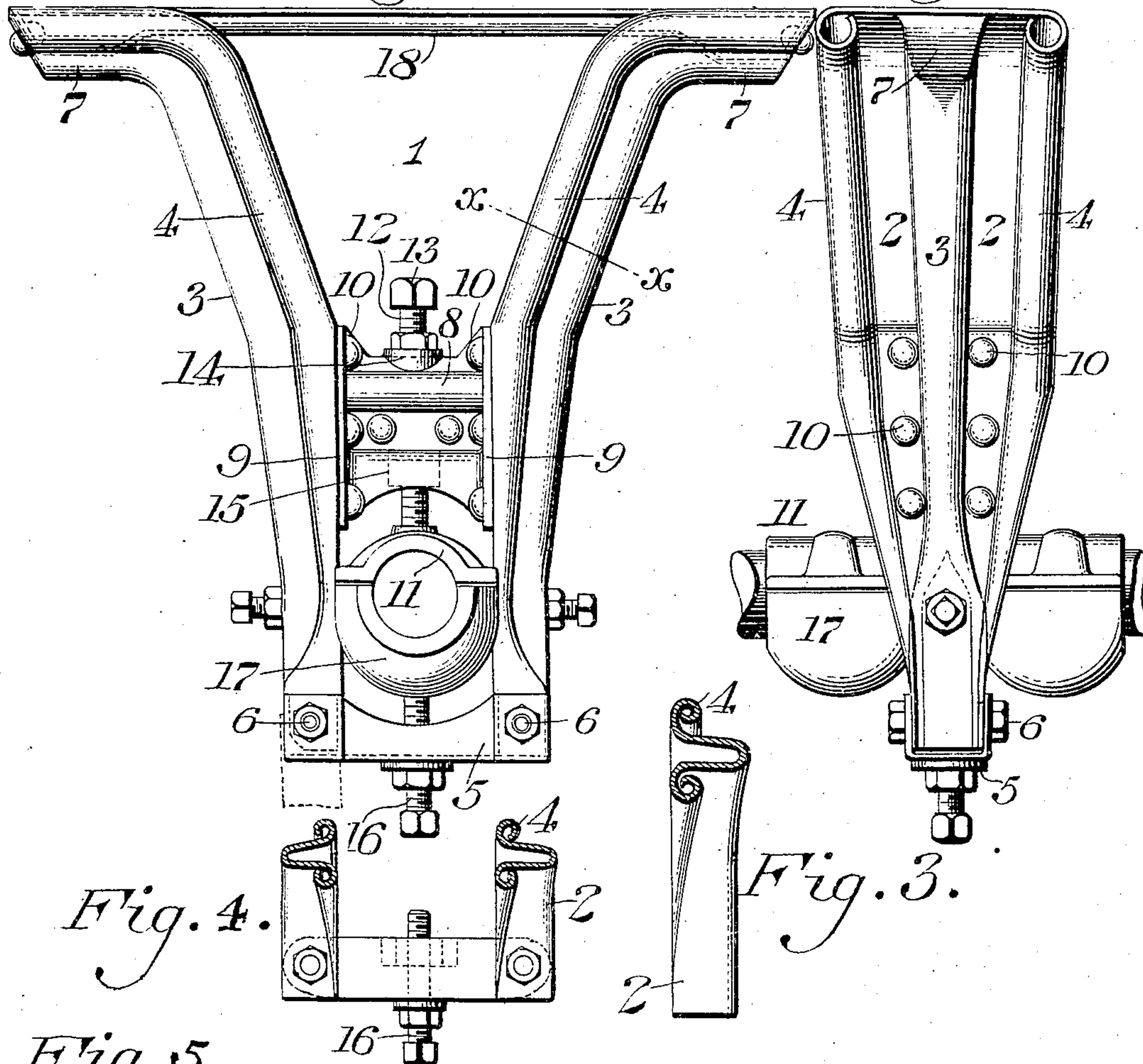


Fig. 4.

Fig. 3.

Fig. 5.

Fig. 6.

Witnesses

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UNITED STATES PATENT OFFICE.

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SHEET-METAL SHAFT-HANGER.

SPECIFICATION forming part of Letters Patent No. 767,225, dated August 9, 1904.

Application filed January 27, 1903. Serial No. 140,730. (No model.)

To all whom it may concern:

Be it known that I, HOWARD T. HALLOWELL, a citizen of the United States, residing at Hallowell, in the county of Montgomery, State of Pennsylvania, have invented a new and useful Improvement in Sheet-Metal Shaft-Hangers, of which the following is a specification.

My invention relates to a novel construction of a shaft-hanger; and it consists of improvements on prior patents granted to me and on prior patents with which I am familiar in that I employ a construction of hanger-leg, intermediate brace, and yoke which are assembled in such a manner that the whole forms a strong and durable structure, the edge of the legs being curved or curled, forming a stiffening and strengthening means and at the same time an attractive appearance.

It further consists of novel details of construction, all as will be hereinafter set forth.

Figure 1 is a side elevation of a hanger embodying my invention. Fig. 2 is an end elevation thereof. Fig. 3 is a partial side elevation, partial sectional view of a portion of the leg. Fig. 4 is a partial elevation, partial sectional view, showing a different form of yoke from that in Fig. 1. Fig. 5 is a sectional view on line *xx*, Fig. 1. Fig. 6 is a sectional view of the legs, showing the edges curved in the opposite direction from that shown in Fig. 6.

Similar numerals of reference indicate corresponding parts in the figures.

Referring to the drawings, 1 designates a hanger, the same comprising the legs 2, each leg being constructed substantially the same and having the longitudinally - extending strengthening-rib 3, the edges of said legs being curved, as at 4, forming the strengthening or stiffening means, it being seen from the construction shown in Figs. 1, 2, and 5 that the edges are curved outwardly.

5 designates a yoke which is adapted to embrace the lower portion of the leg and which is held in place by the bolts or other fastening devices 6, whereby it will be seen that by the removal of one of these bolts the yoke can swing downwardly to the position seen in dotted lines in Fig. 1, the bolt thereby act-

ing as a hinge. The upper portion of each of the legs is flared outwardly, while the upper extremity of each leg is provided with feet 7, which are secured in position in any suitable manner.

The intermediate brace 8 consists of plates the edges of which are provided with flanges 9, which are secured to the legs by rivets or other fastening devices 10, it being understood that at the point where the braces are secured the legs are substantially rectilinear, although this may not always be the case.

Passing through the brace and supported thereby is the adjusting device for the upper part 11 of the journal-box, said adjusting device consisting of a screw or threaded pin 12, having the head 13 on the upper end thereof for engagement with suitable operating means, while a suitable nut 14 rests on the brace 8, and an additional nut 15 (shown in dotted lines, Fig. 1) is situated between the plates. Passing through the yoke 5 is a threaded pin or screw 16, which serves as the adjusting device for the lower part 17 of the journal-box.

In the construction seen in Fig. 6 I have shown the edges 4 as being curved inwardly.

In Fig. 4 I have shown a different form of yoke from that seen in Figs. 1 and 2, and in this figure the yoke projects between the legs and is secured thereto by any suitable means. I desire to call particular attention to the curved edges of the legs, which enables me to make the same in a very strong and durable manner and at the same time of an attractive appearance.

It will be apparent that various changes may be made by those skilled in the art which will come within the scope of my invention, and I do not, therefore, desire to be limited in every instance to the exact construction herein shown and described.

While I have shown a plate 18 connecting the upper portions of the legs 2 and while I consider it necessary in most instances to employ this plate, it may be that in some cases I may omit the same, and I do not, therefore, desire to be limited to this plate.

While I have shown the two vertical adjusting devices located between the plates of the

brace and both adapted to be adjusted laterally, I may in many cases connect the adjusting devices to fit in the brace and yoke, so that no lateral movement may be had.

5 While I have shown the small horizontal adjusting devices secured in the legs, I do not wish to employ these adjusting means in every instance.

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

1. A sheet-metal shaft-hanger leg compris-

ing a longitudinally narrowed and grooved body portion and beaded edges.

2. A hanger comprising legs each consist- 15
ing of a longitudinally narrowed and grooved body portion and beaded edges, a connecting-brace intermediate the ends of the legs and a yoke connecting ends of the legs.

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Witnesses:

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