(No Model.)

E. J. PENNINGTON.

SHAFT HANGER.

No. 417,881. Patented Dec. 24, 1889.

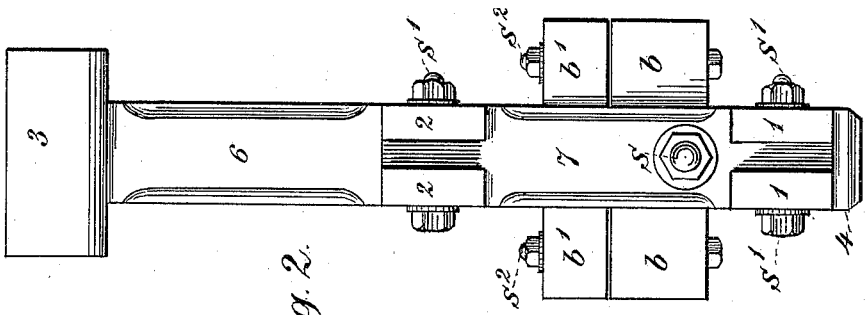

Fig. 2.

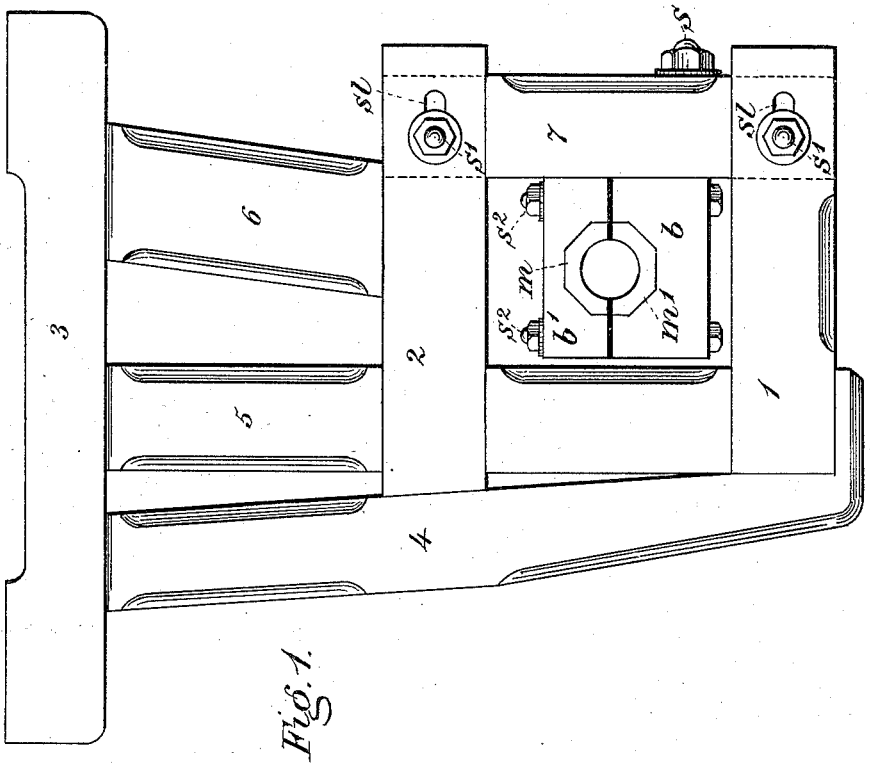

Fig. 1.

WITNESSES.

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UNITED STATES PATENT OFFICE.

EDWARD J. PENNINGTON, OF EDINBURG, INDIANA.

SHAFT-HANGER.

SPECIFICATION forming part of Letters Patent No. 417,881, dated December 24, 1889.

Application filed September 4, 1889. Serial No. 322,993. (No model.)

To all whom it may concern:

Be it known that I, EDWARD J. PENNINGTON, of Edinburg, county of Johnson, and State of Indiana, have invented certain new and useful Improvements in Shaft-Hangers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like letters refer to like parts.

My invention relates to the construction of hangers for shafting; and it consists in making parts of such hangers adjustable, whereby they may be adapted to receive different-sized boxings, as hereinafter described.

In the drawings, Figure 1 represents a side view of my device. Fig. 2 is an edge view of the same.

The frame-work of the hanger is made of wood, of proper size and strength, and consists of parts 1, 2, 3, 4, 5, and 6, all of which are solidly fastened together, and the adjustable side piece 7, which is secured to the cross-pieces 1 and 2 by means of screw-bolts s', passing through slots $s\,l$. The ends of the adjustable piece 7 are tenoned in the cross-pieces 1 and 2, and by loosening the nuts upon the bolts s' the part 7 may be moved in or out, the limit of this movement being gaged by the length of the slots and the size of the boxings. These boxings consist of two parts $b\,b'$, held together by screw-bolts s^2, the lower half b being bolted at s to piece 7, and the central part of each half of the boxing is cut out to admit the half of the metal bushing $m\,m'$, this bushing providing bearings for the shaft which passes through the opening between them.

It is obvious that the boxing may be adjusted laterally, the piece 7 being movable when the nuts on the bolts s are loosened, the limit of movement being determined by the length of the slot $s\,l$, which may be of any desired length, and the boxing may then be removed and another size be inserted and secured to part 7 by means of the bolt s, so that boxings adapted for different-sized shafts may be used with the same hanger. The upper half b' of the boxing may be removed by unscrewing the nuts on the bolts s^2 whenever it is desired to remove it from the shaft.

The hanger is secured to a beam above or at one side in the usual manner, and by this construction the shaft may be adjusted horizontally without loosening the hanger, and the movable pieces can be easily taken apart, so as to remove the shaft from the hanger when desired.

What I claim as my invention, and desire to secure by Letters Patent, is the following:

A hanger for shafting comprising a frame-work provided with a horizontally-adjustable side piece, bisected boxings carried by said side piece and having the lower portion thereof removably secured thereto, and the upper half of the boxings removably secured to the lower half, such boxings provided with removable metal bushings, substantially as set forth.

In witness whereof I have hereunto set my hand this 17th day of August, 1889.

EDWARD J. PENNINGTON.

Witnesses:
C. P. JACOBS,
E. B. GRIFFITH.