

(No Model.)

P. ENSLING.

HEAD REST.

No. 336,514.

Patented Feb. 16, 1886.

Fig 1

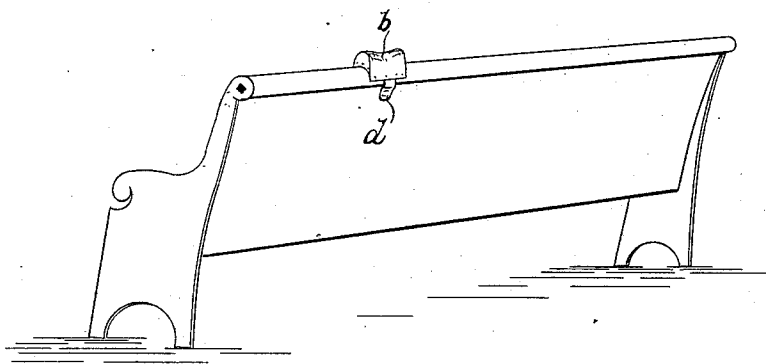


Fig 2

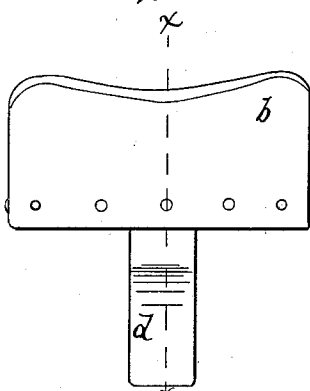
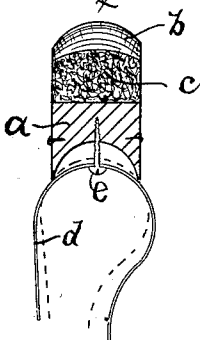


Fig 3



Witnesses-

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UNITED STATES PATENT OFFICE.

PHILIPP ENSLING, OF NORWICH, CONNECTICUT, ASSIGNOR OF ONE-HALF
TO JOHN STAMBLY, OF SAME PLACE.

HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 336,514, dated February 16, 1886.

Application filed August 12, 1885. Serial No. 174,180. (No model.)

To all whom it may concern:

Be it known that I, PHILIPP ENSLING, a citizen of the United States, residing at Norwich, in the county of New London and State of Connecticut, have invented certain new and useful Improvements in Head-Rests, which improvements are fully set forth and described in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved head-rest as it appears when properly applied to a pew. Fig. 2 is a detached front view of said head rest, considerably enlarged; and Fig. 3 is a cross section on line *x x* of Fig. 2.

My invention relates to certain improvements in that class of head-rests which are attached to the back of pews, car-seats, benches, &c.; and my chief object is to produce a device which, although simple in construction and cheaply produced, may be quickly adjusted to fit pews having back-rails of different sizes.

Referring to the annexed drawings, the letter *a* represents a block of wood grooved longitudinally on its under side, and of sufficient length to form the core of my complete head-rest.

b represents an outer covering, of plush, velvet, or similar material, and *c* a stuffing, of hair or any other material suitable to form a durable and comfortable cushion. The outer covering, *b*, may be glued to the block *a*, or may be secured to it by ornamental nails.

To attach the head-rest thus formed to a pew-back, I have provided a bow-spring, *d*, whose upper curved portion is formed as an arc of a circle, considerably greater than the circle of the longitudinal groove in block *a*, so that when first placed in position against said block it extends from side to side without

touching its central portion. (See Fig. 3.) This bow-spring *d*, I secure to the head-rest by a screw, *e*, passing upward through said spring into the wooden core *a*.

When it is desired to attach my device to a pew whose rail is of large diameter, the spring is left open, as in full lines in Fig. 3; but should it become necessary to attach it to a rail of much less diameter, the screw *e* is screwed home, carrying with it spring *d*, which movement brings the free ends of said spring closer together and causes them to clasp tightly the rail which they embrace.

With a construction such as I have shown and described a spring which has become weakened by long use may be brought back to its original stiffness by simply adjusting screw *e*.

I am aware that head-rests have been made heretofore having a spring which clasps the back of the seat, as in the patent to Weeden, No. 91,389, dated June 15, 1869; but, so far as I am acquainted with the state of the art, such head-rests have no positive means for adjusting said spring to backs of different sizes.

Having thus described my invention, I claim as new and wish to secure by Letters Patent—

A head-rest of the class herein referred to, having the usual padded body portion, and having combined therewith and secured thereto a bow-spring whose free ends are adapted to straddle and embrace a pew-back, as described, the bow portion of said spring being secured to the lower grooved edge of the body portion by an adjusting-screw, *e*, as described, so that the free ends of said spring may be adjusted to clasp the pew-back more firmly or to fit pew-backs of different sizes.

PHILIPP ENSLING.

Witnesses:

TYLER J. HOWARD,
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