H. B. COYLE.

BEDSTEADS.

No. 180,326. Patented July 25, 1876.

Fig. 2

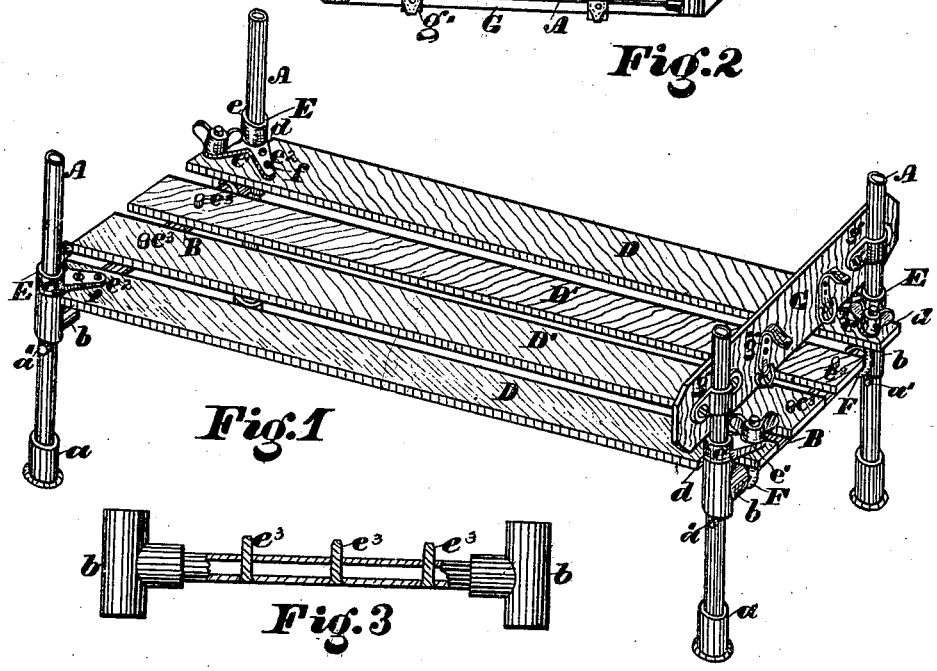

Fig. 1

Fig. 3

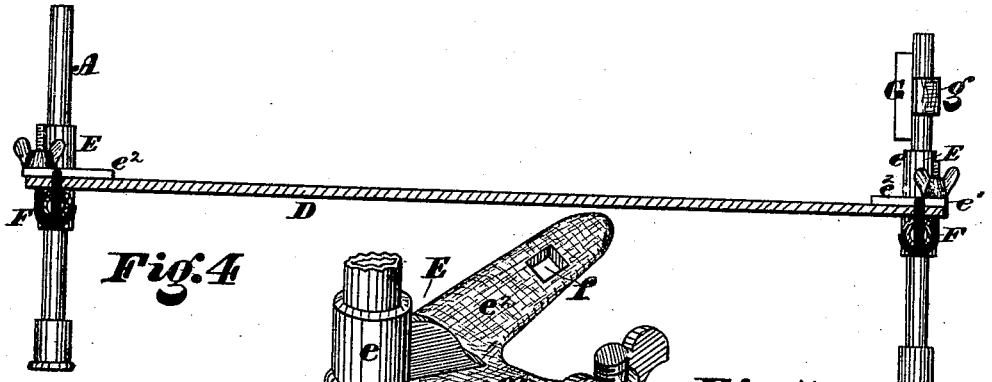

Fig. 4

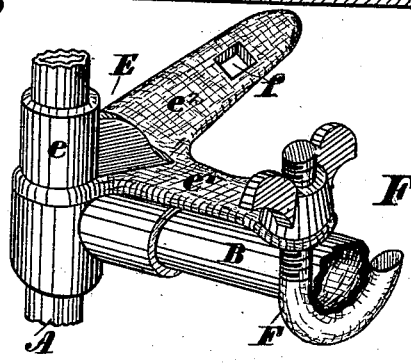

Fig. 5

Witnesses

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UNITED STATES PATENT OFFICE.

HUGH B. COYLE, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN BEDSTEADS.

Specification forming part of Letters Patent No. **180,326**, dated July 25, 1876; application filed April 7, 1876.

To all whom it may concern:

Be it known that I, HUGH B. COYLE, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawing, which form part of this specification, in which—

Figure 1 is a perspective of my invention. Fig. 2 is a plan view of the bed folded and packed for transportation. Fig. 3 is a broken sectional view of the end rails. Fig. 4 is a longitudinal vertical section of a bed. Fig. 5 is a broken perspective of the clamp and hooked thumb-screw and end rail.

My improvements have reference to the bed for which Letters Patent of the United States, dated May 28, 1872, No. 127,312, were issued and granted to me.

My improvements have for their object to provide a bedstead, constructed, in the main, of iron pipes or rods and couplings, and adapted to receive wooden slats.

Said improvements consist in the peculiar construction and combination of parts, as hereinafter fully described.

Referring to the accompanying drawing, illustrating my improvements, A A represent four posts, formed of iron piping or rods, and provided with reducing-sockets *a a*, which serve as feet, and as means for stacking. B B are end rajls of the same material as the posts, having at each end T-couplings *b b*, through which said posts slide, and which find support on the pins *a' a'*, inserted in the latter.

The two ends of the bed are connected by the slats, as shown in Fig. 1. D D' show wooden slats, through which pass pins or studs e^3 e^3, inserted in the end rails B B, passing entirely through the latter, so as to obtain double bearings therein, namely, at both sides, thus giving greater firmness and rigidity.

The slats D are cut away at *d*, so as to make a passage for the posts A A. E E represent clamps composed of the sockets or sleeves *e e*, through which the posts A pass, and arms e^1 e^2, which rest upon the slats D. F is a hooked thumb-screw, which engages with the end of the rail B, and *f f* are wood-screws, (one or more being employed,) passing through or into the slot D. G is a wooden head-board, having staples or loops *g g* and buckle-straps *g' g'*.

The bed is put up by passing the posts through the couplings *b b* until the latter meet the pins *a' a'*. The slats are then laid on in such manner that the studs *e e* will pass into or through them. The clamps F are then slided down on the posts B B, and their screws fastened to the end rails and slats, as shown plainly in Figs. 1 and 4. The head-board is applied by slipping its staples or loops over the upper ends of two of the legs. The beds may be stacked by placing them one above the other, the upper extremities of the posts of the lower bed entering the sockets *a a* of the bed above it.

To pack the bed for transportation, lay the piping upon the head-board, and encircle with the straps, which, when buckled, will hold the parts firmly together.

What I claim as my invention is—

1. The clamps E, having sockets or sleeves *e e*, and arms e^1 e^2, substantially as shown and described.

2. In combination with the clamps E and slats D, the hooked thumb-screw F, substantially as shown and described.

3. The combination of the posts A, end rails B, slats D, and clamps E, having screws F *f*, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of April, 1876.

HUGH B. COYLE.

Witnesses:

GEO. C. SHELMERDINE,

M. DANL. CONNOLLY.