

(No Model.)

T. S. CLARK.
BEDSTEAD FOR WIRE MATTRESSES.

No. 328,762.

Patented Oct. 20, 1885.

Fig. 1.

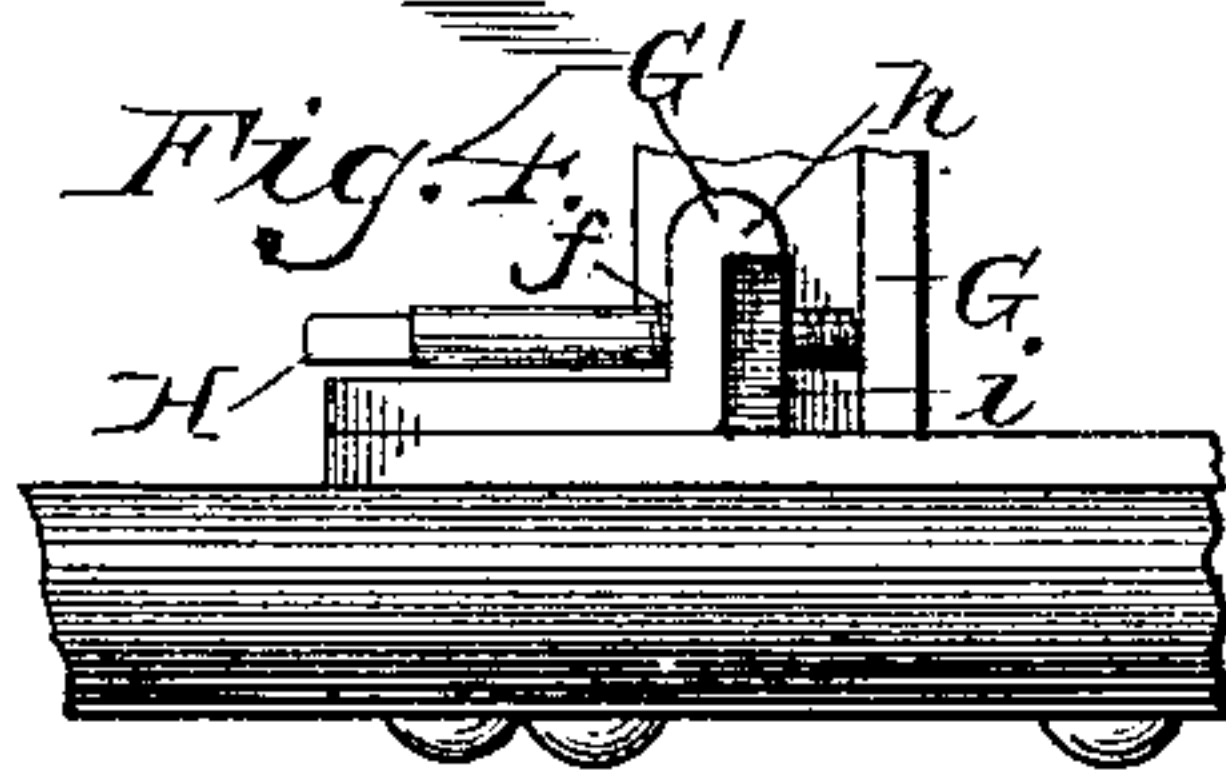
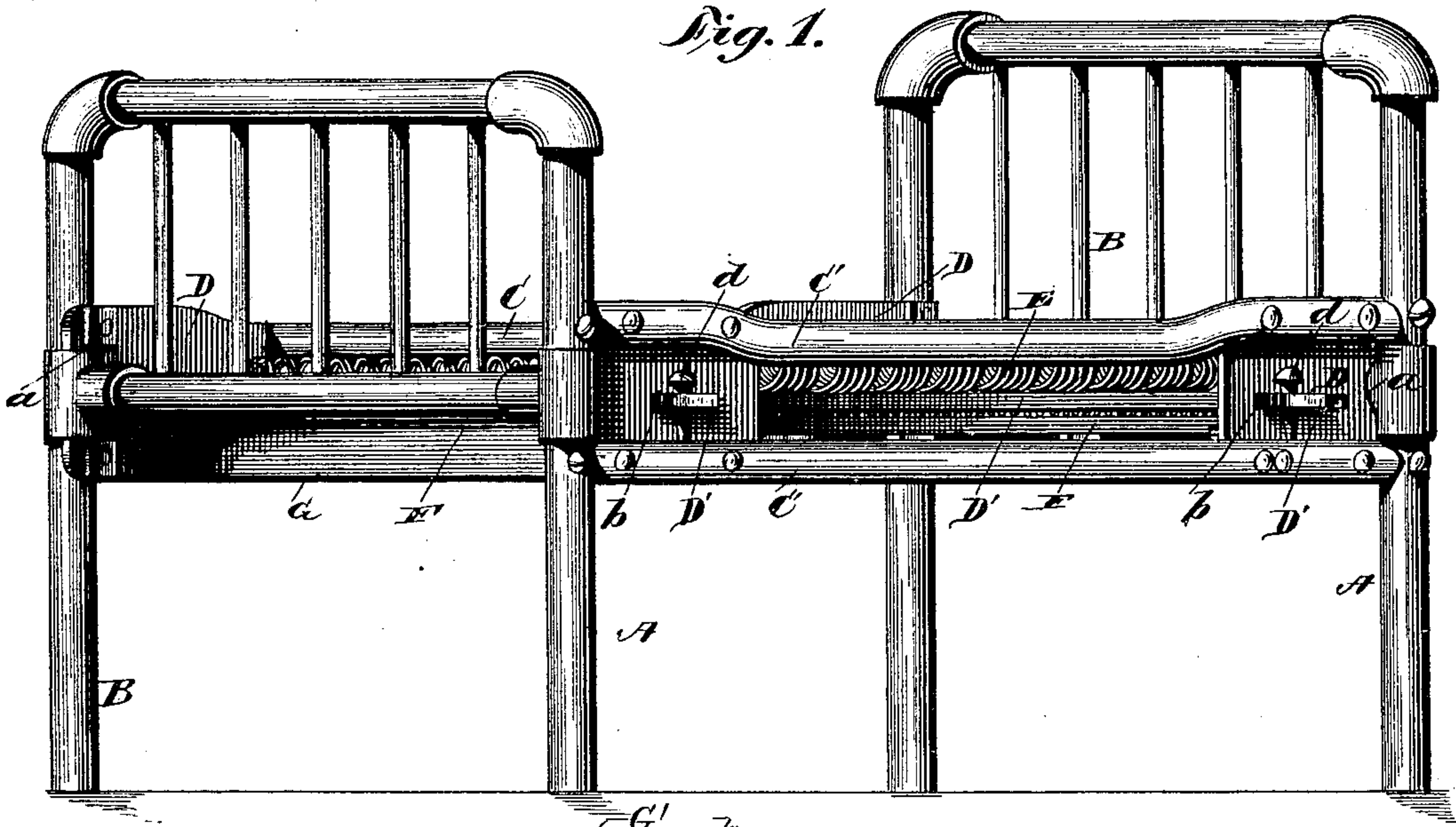
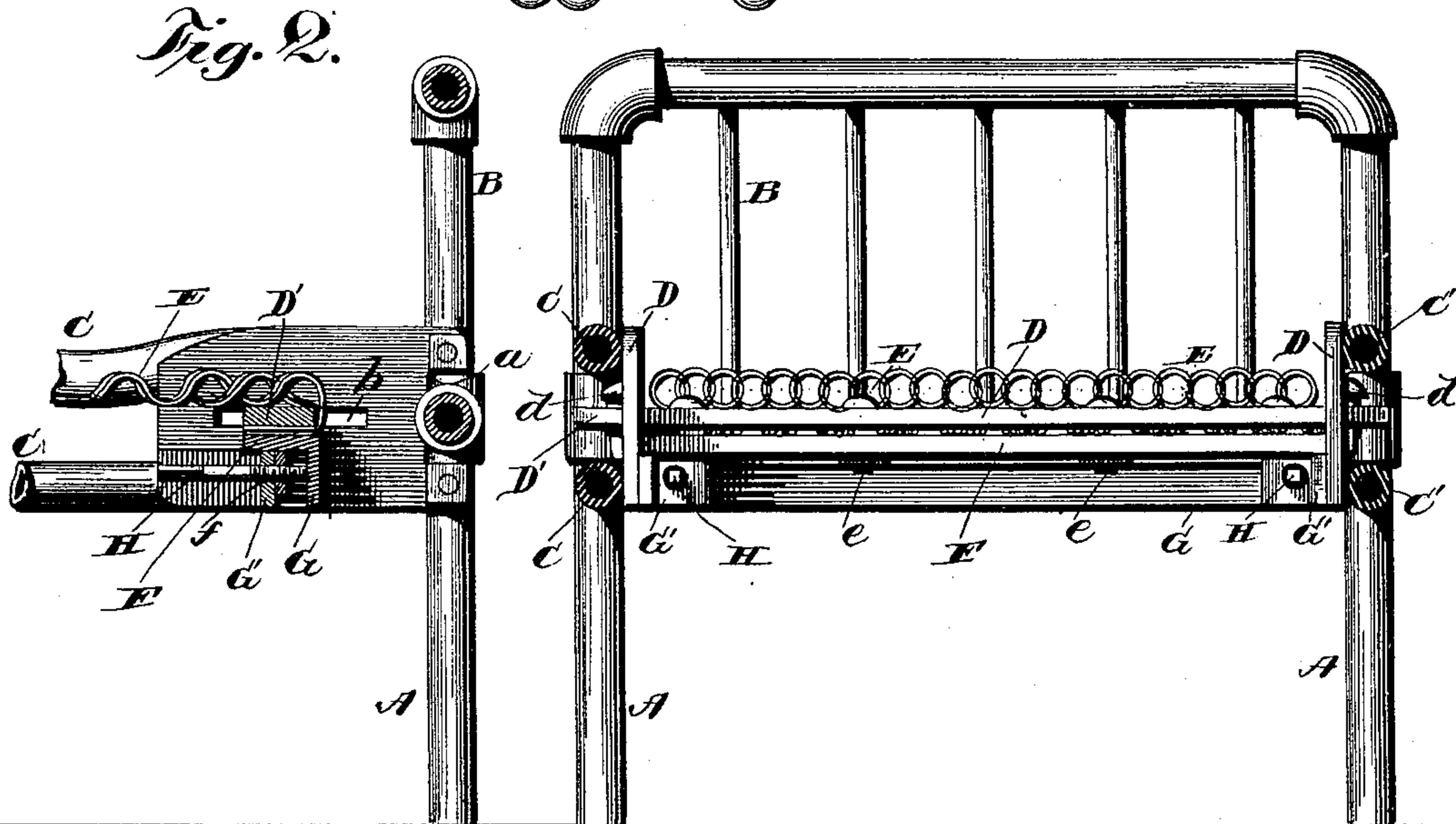


Fig. 3.



WITNESSES

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BEDSTEAD FOR WIRE MATTRESSES.

SPECIFICATION forming part of Letters Patent No. 328,762, dated October 20, 1885.

Application filed July 6, 1881. Serial No. 37,251. (No model.)

To all whom it may concern:

Be it known that I, TRUMAN S. CLARK, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Bedsteads for Wire Mattresses; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to bedsteads for holding wire mattresses, the object being to provide improved means for clamping and holding the mattress in place, and for stretching the same.

A further object of the invention is to provide means for clamping and stretching the mattress which shall be extremely simple in their construction, cheap of manufacture, strong and durable, and readily and quickly operated.

With these ends in view the invention consists in the details of construction and combinations of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a bedstead having a wire mattress thereon and showing my improvements applied. Fig. 2 is a detail sectional view showing the clamp and means for stretching the mattress. Fig. 3 is a transverse vertical section showing the arrangement of the clamp. Fig. 4 is a detail view.

A represents the bedstead, which is composed of the two ends B, connected on each side by two side rails, C C', located a slight distance apart.

Bolted to and connecting the side rails on the inner faces, at the ends thereof, are plates D, which plates are recessed at their outer ends, as at *a*, to fit one of the connecting-bars of the ends. The plates D are provided with slots *b*, and extending across the bed at each end thereof, and having their ends projecting through the slots in the plates D are bars D', which have openings *c* in their ends, through which pass pins or keys *d*, for holding said bars in place.

E represents the mattress, which is of woven wire. The ends of said mattress are turned over and under the bars D', as shown, and connected with the bars D' by bolts *e* and clamping-plates F. It will thus be observed

that, as the ends of the mattress are fitted between the bars D' and plates F, when the bolts *e* are tightened the mattress will be securely clamped and held between said plates.

Projecting downwardly from the outer sides or edges of the plates F are flanges G, the purpose of which will be more fully explained hereinafter.

Secured to the inner sides or faces of the plates D, at or adjacent to their inner ends, are brackets G', the outer ends of which brackets extend inwardly from their body portions, as shown, and are provided with threaded openings *f*. Working in these threaded openings are adjusting screws or bolts H, the ends of which are adapted to bear against the inner faces of the downwardly-projecting flanges G, so that when the bolts or screws are tightened in the openings the bars D' and clamping-plates F will be moved toward the ends of the bed and thus stretch the mattress.

The outer ends of the brackets are provided with projecting nibs *h*, and upon the bolts or screws H are nuts *i*, which fit and are held in place between the inner faces of the plates D and said nibs. By this construction it will be observed that the bolts or screws are held in place against any lateral movement whatever. The same result might be accomplished, as will be readily seen, by making the outer ends of the brackets in which the adjusting screws or bolts bear thicker, so as to afford a firm bearing for the screws.

Having thus described my invention, I claim—

The combination, with the side rails of a bed, of plates having elongated slots and secured to the inner sides of said rails, bars having their ends projecting through, adapted to slide in said slots, pins passing through the openings in the outer ends of the bars, clamping-plates having downwardly-projecting flanges, the mattress having its ends fitting and clamped between the plates and bars, brackets secured to the inner sides of the plates D, said brackets having outturned ends formed with nibs, adjusting-bolts engaging openings in the outturned ends of the brackets and bearing against the flanges G, and nuts on said bolts, said nuts being located between the nibs and plates D, as set forth.

Witnesses: TRUMAN S. CLARK.

S. STETSON,
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