

G. H. EVANS.
 SPRING BED-BOTTOM.

No. 179,007.

Patented June 20, 1876.

Fig 1.

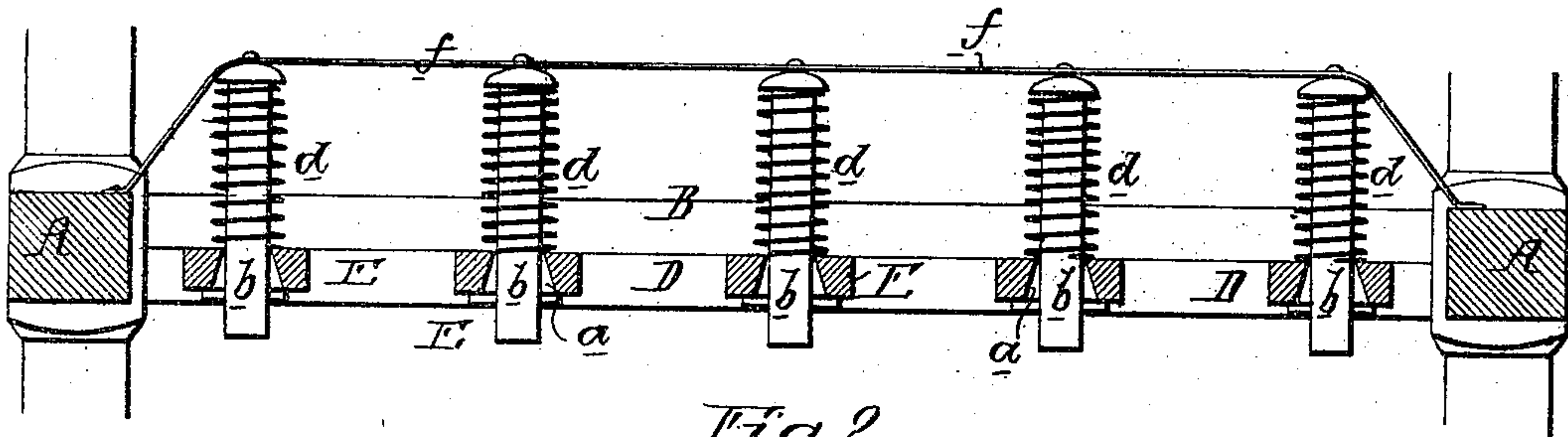
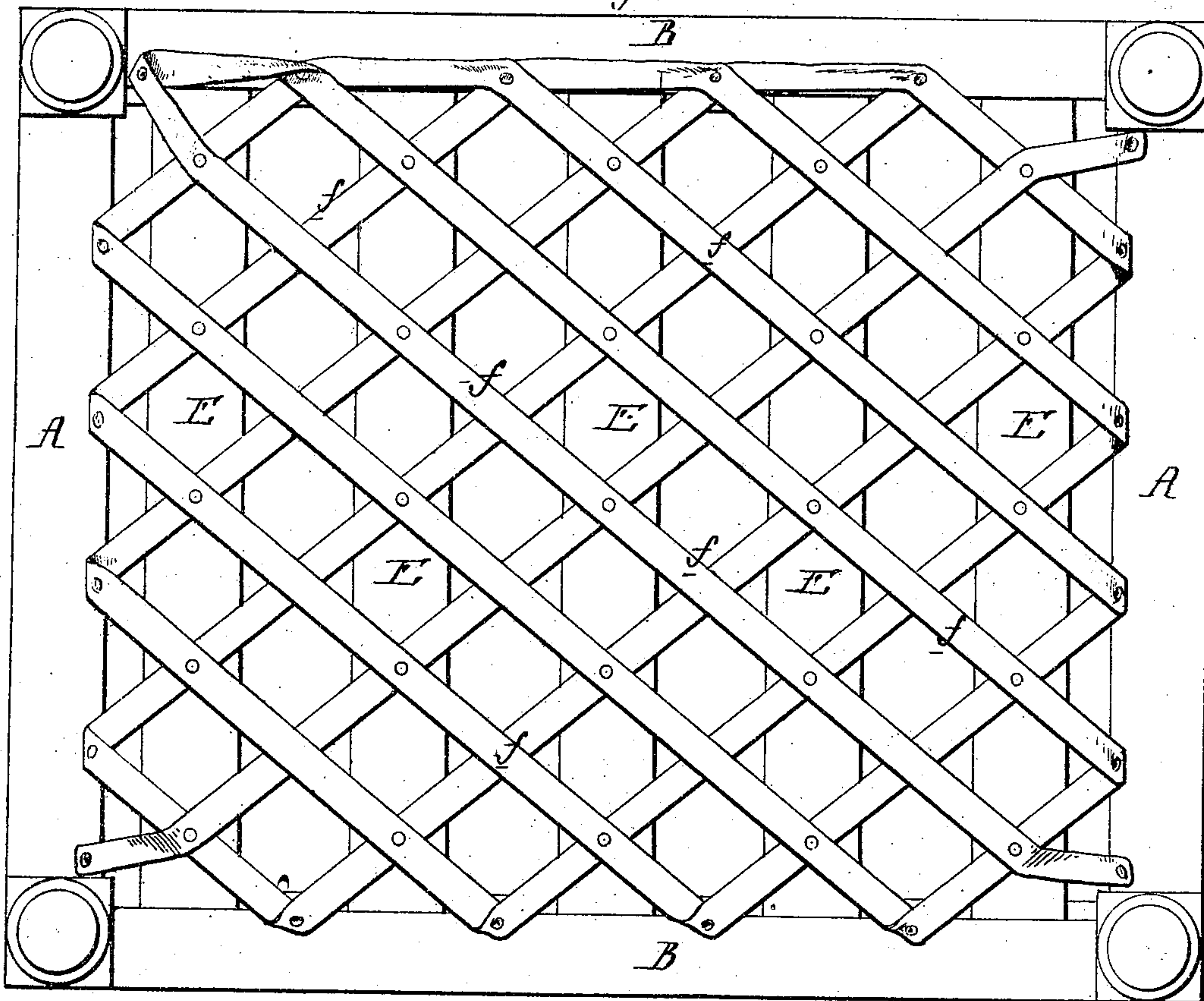


Fig 2.



Witnesses,
 Harry Hopson Jr.
 Harry Smith

George H. Evans,
 by his Attorney
 Horwath and son

UNITED STATES PATENT OFFICE.

GEORGE H. EVANS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO JOHN MOFFIT, JR., OF SAME PLACE.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **179,007**, dated June 20, 1876; application filed October 20, 1875.

To all whom it may concern:

Be it known that I, GEORGE H. EVANS, of Philadelphia, Pennsylvania, have invented an Improved Spring Bed-Bottom, of which the following is a specification:

The object of my invention is to construct a cheap and simple spring bed-bottom, which will easily yield and adapt itself to the form of the occupant of the bed; and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawing, in which—

Figure 1 is a vertical section of my improved bed-bottom, and Fig. 2 a plan view of the same.

A A are the end bars, and B B the side bars, of the bed-frame, and to mortised strips D on the latter bars are adapted the opposite ends of strips E, which extend across the bed, and are provided with openings *a* for the reception of the lower ends of pins *b*, around which are coiled springs *d*, bearing at the top against the under sides of the heads of the pins, and at the bottom against the upper surfaces of the strips E. Over the top of the pins extend a net-work composed of strips *f* of

textile fabric, connected together as shown, and secured, in the present instance, to the side and end bars A and B of the frame, the strips also, where they cross the heads of the pins, being secured to the same in any suitable manner.

In order to allow the pins *b* to have a slight lateral movement, I bevel the openings *a* in the strips E downward and outward, as shown in Fig. 1.

I do not desire to claim, broadly, the combination, in a bed-bottom, of perforated cross-pieces with spring-pins; but

I claim as my invention—

The combination of the series of spring-pins *b*, each entering a beveled opening, *a*, in a strip, E, with the net-work of flexible strips *f* secured at the edges and to the top of each pin, all as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE H. EVANS.

Witnesses:

HENRY HOWSON, Jr.,
HARRY SMITH.