

(No Model.)

J. GIMBEL.
PNEUMATIC BED BOTTOM.

No. 558,605.

Patented Apr. 21, 1896.

FIG. 1.

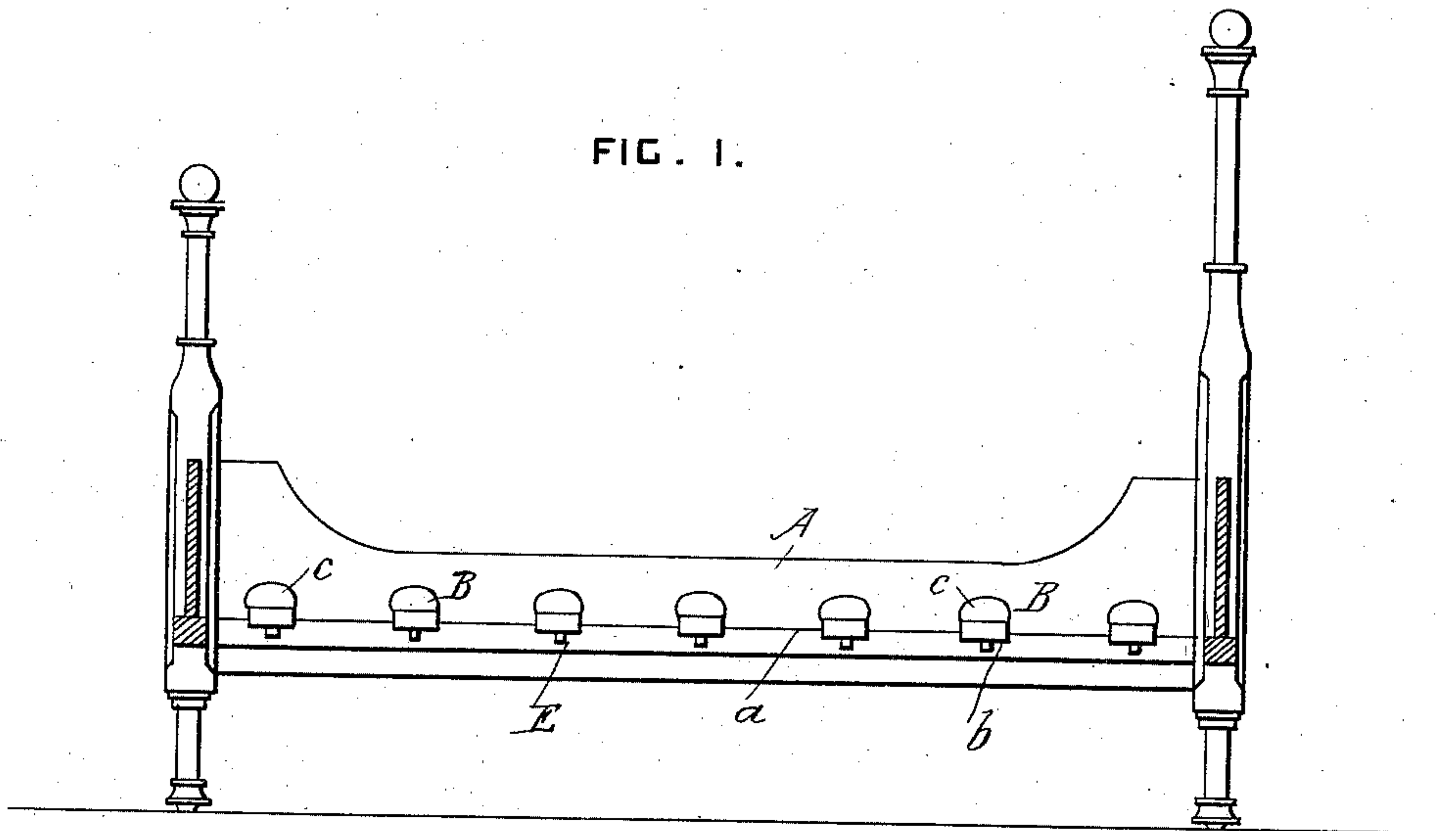


FIG. 3.

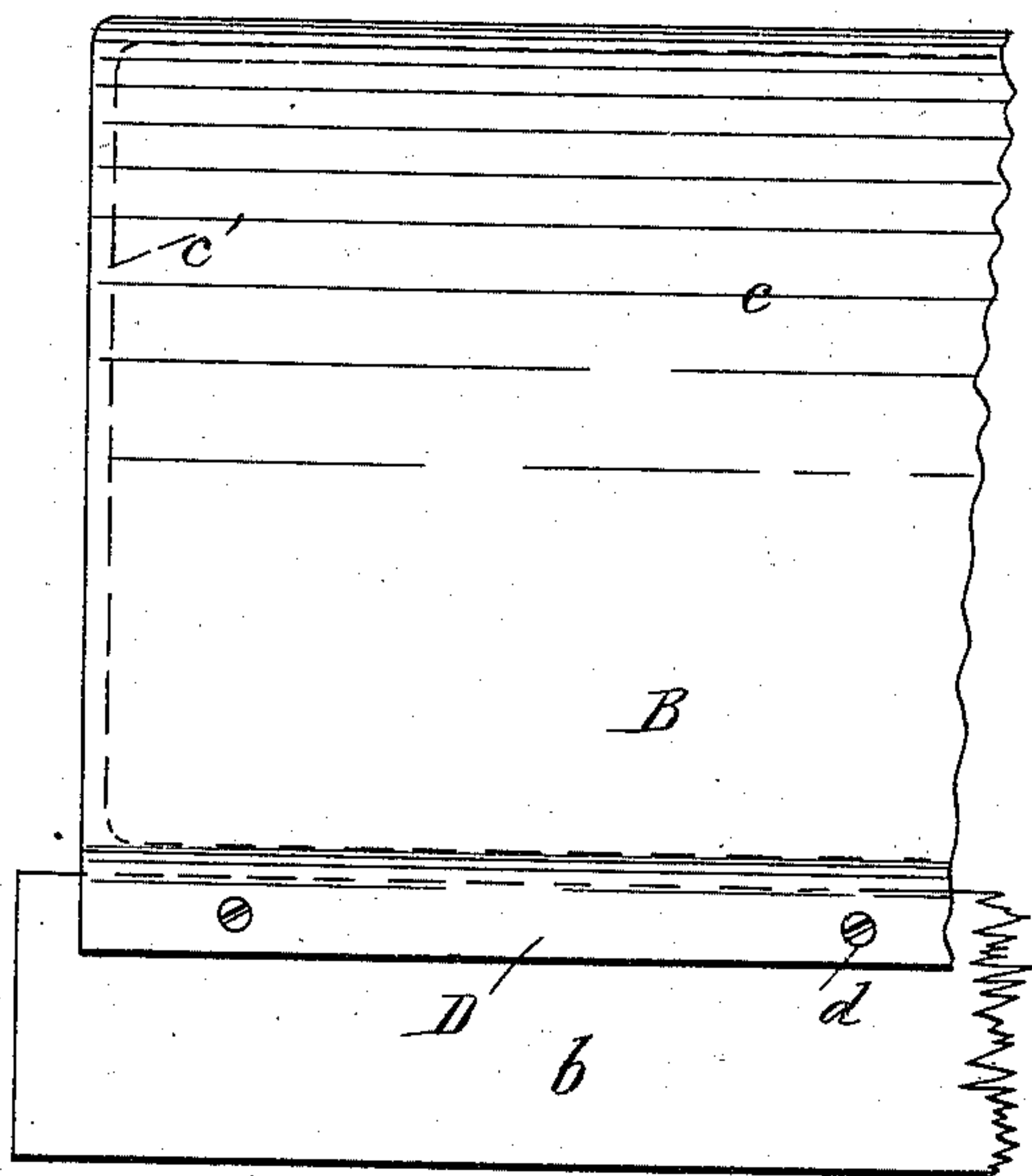
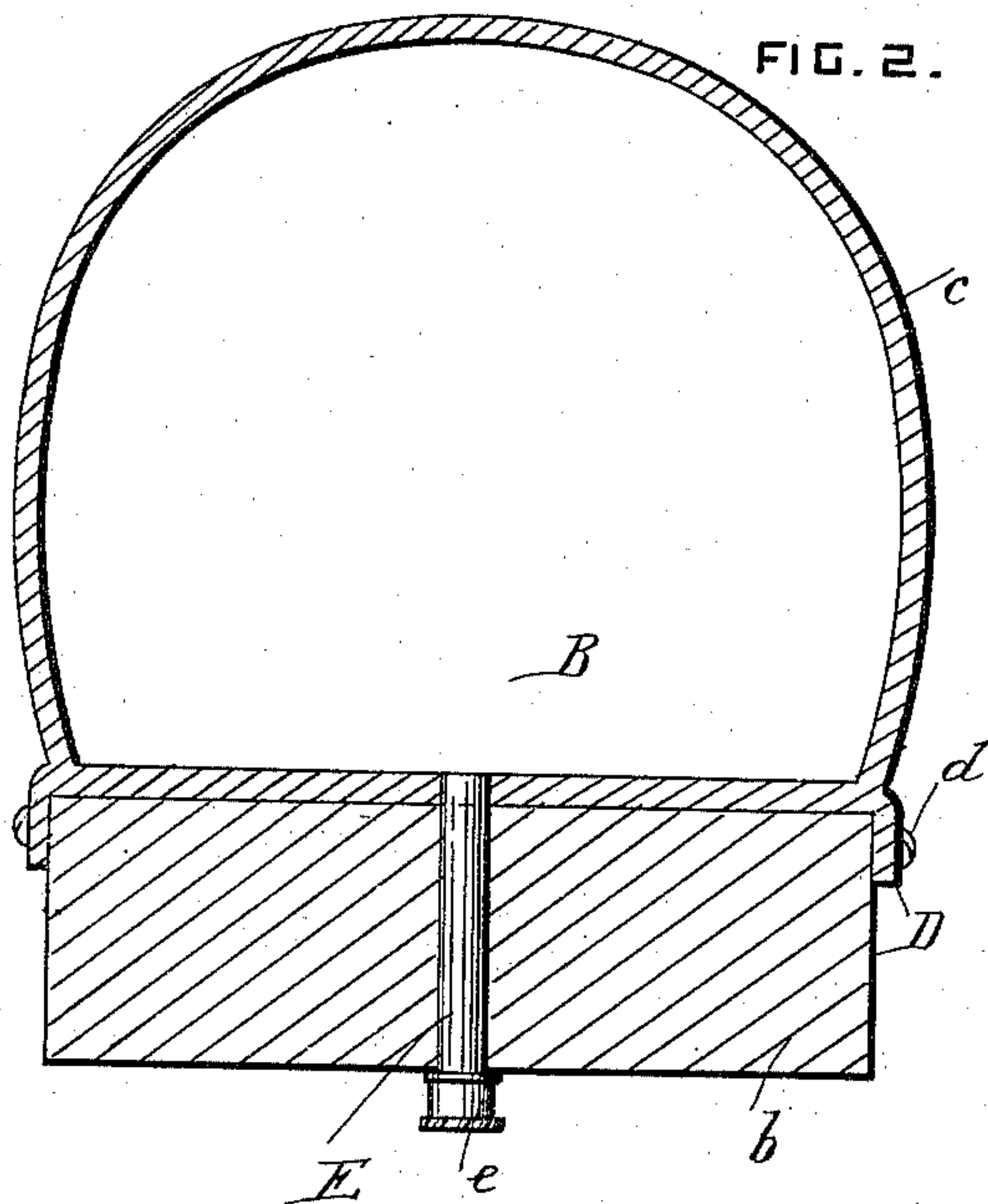


FIG. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN GIMBEL, OF NEW YORK, N. Y.

PNEUMATIC BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 558,605, dated April 21, 1896.

Application filed August 8, 1895. Serial No. 558,673. (No model.)

To all whom it may concern:

Be it known that I, JOHN GIMBEL, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Pneumatic Bed-Bottoms; 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 appertains to make and use the same.

This invention relates to pneumatic bottoms for beds, sofas, and other similar articles of furniture; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a longitudinal section through a bed provided with a pneumatic bottom according to this invention. Fig. 2 is a cross-section through one of the slats, drawn to a larger scale. Fig. 3 is a side view of the end portion of one of the slats.

A is the frame of the bed or other similar article of furniture, and *a* are its longitudinal side pieces.

B are the slats of the bed. Each slat consists of a wooden bar *b*, resting on the side pieces *a*, and an air-tube *c*, secured on top of the bar. Each air-tube is made of elastic and air-tight material, such as india-rubber. Each air-tube is formed in a single piece having end portions *c'*, and is secured to the bar in any approved manner.

D are flanges formed on the tube, and *d* are nails or screws for securing the flanges to the bar. Each tube is provided with a separate air-pipe E, which passes through a hole in the bar beneath the tube and has a cap *e* for closing it. Each air-tube is separately inflatable, and its air-pipe E is protected from injury by the wooden bar, so that the air-tube does not crack at its junction with the air-pipe.

What I claim is—

1. The combination, with a supporting-frame, of a series of bars supported therein, each bar having a separate air-tube secured on its upper side, and each said tube having a separate air-pipe for inflating it, substantially as set forth.

2. The combination, with a supporting-frame, of a series of bars supported therein, and a series of air-tubes provided with air-pipes projecting downwardly through holes in the said bars, each bar having a separate air-tube and each air-tube being separately inflatable, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN GIMBEL.

Witnesses:

CHARLES F. DU LANEY,
HARRY SCHODER.