

H. Beyrodt,

Bed Bottom,

N^o 79,302.

Patented June 30, 1868.

Fig. 1.

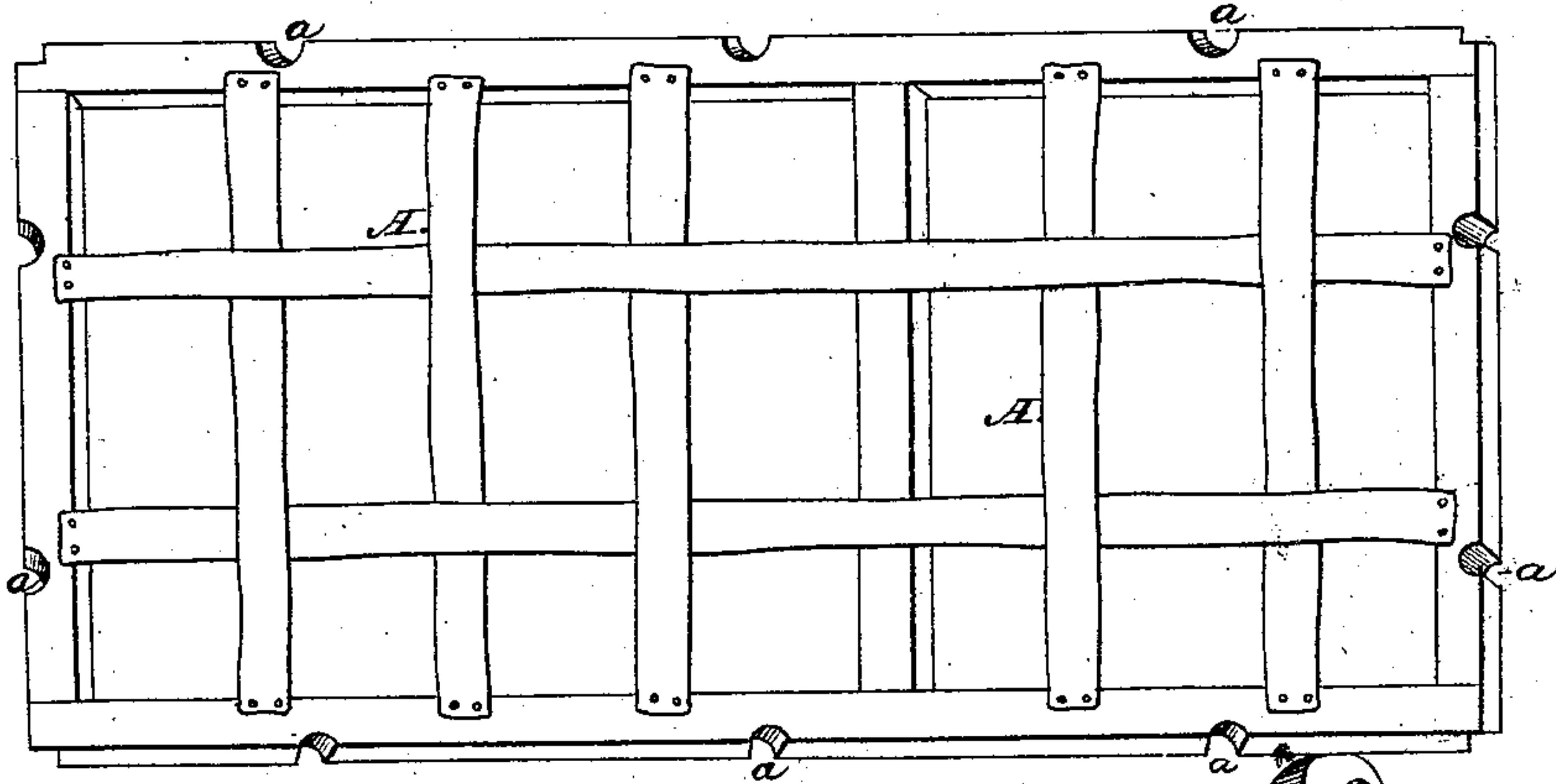


Fig. 6.

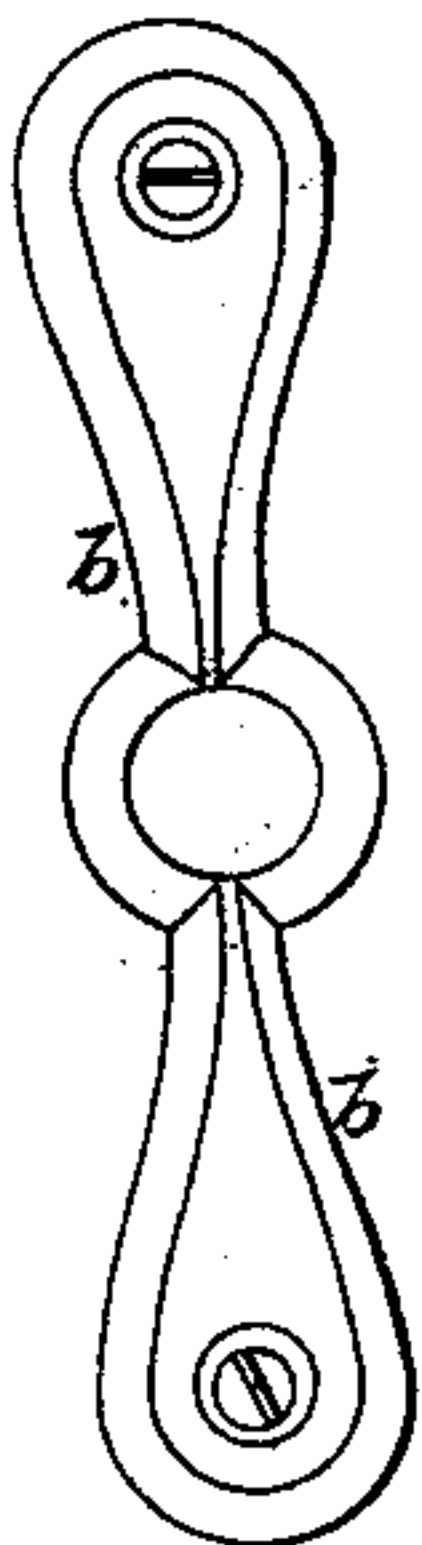


Fig. 2.

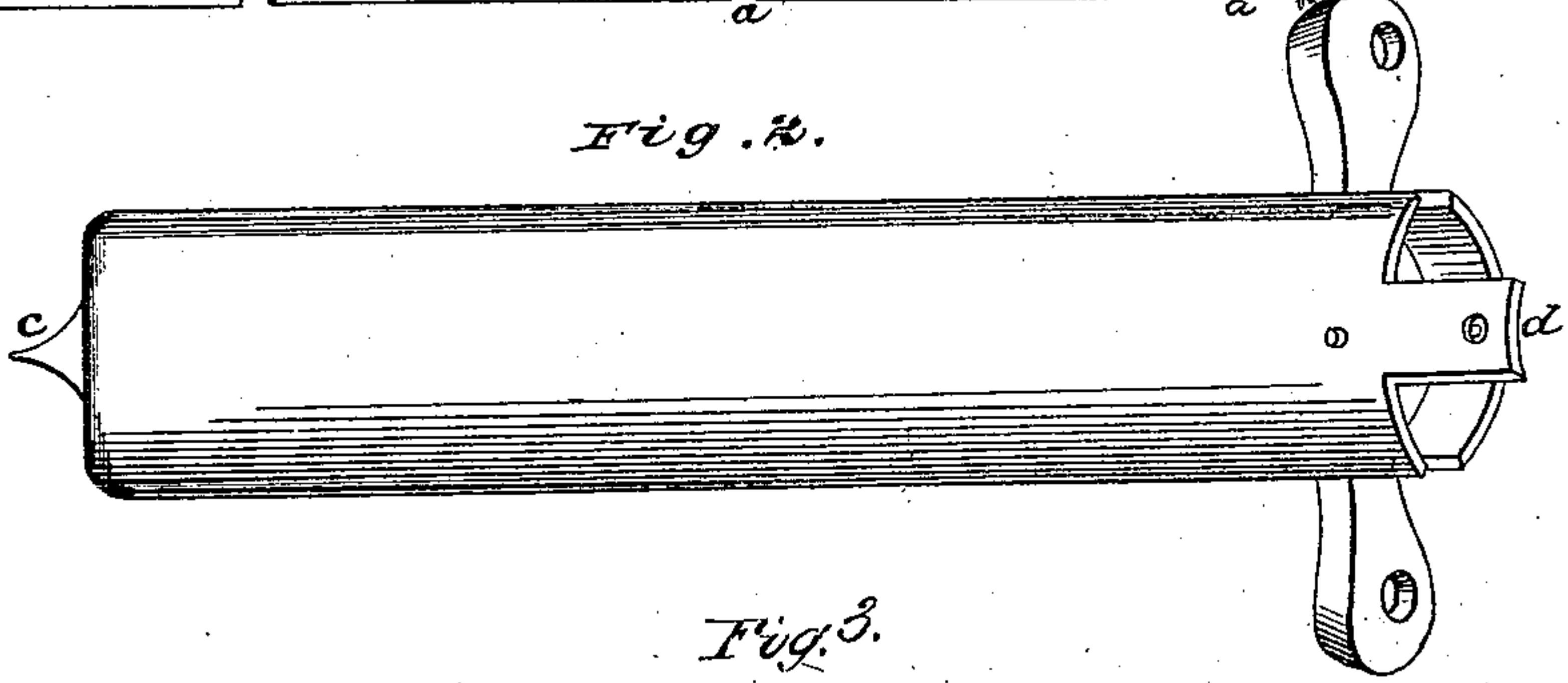


Fig. 3.

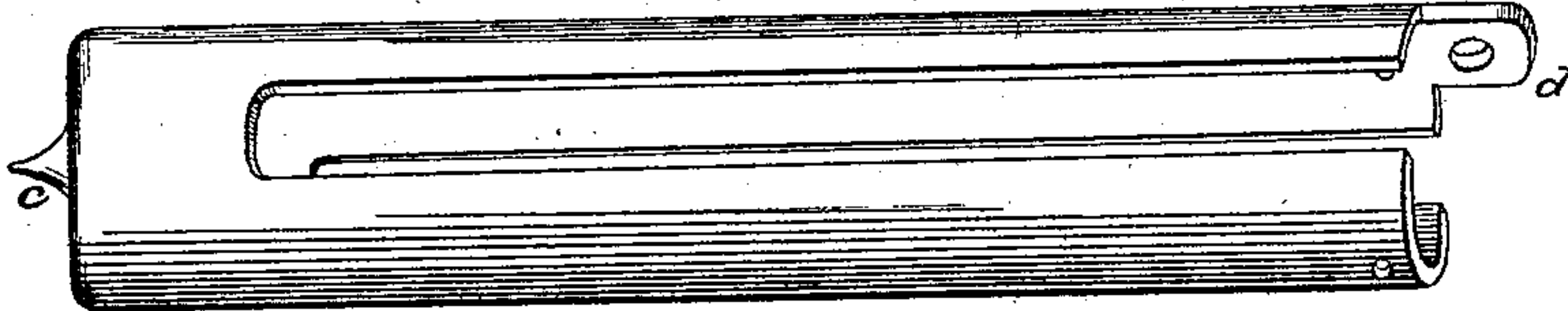


Fig. 7.



Fig. 4.

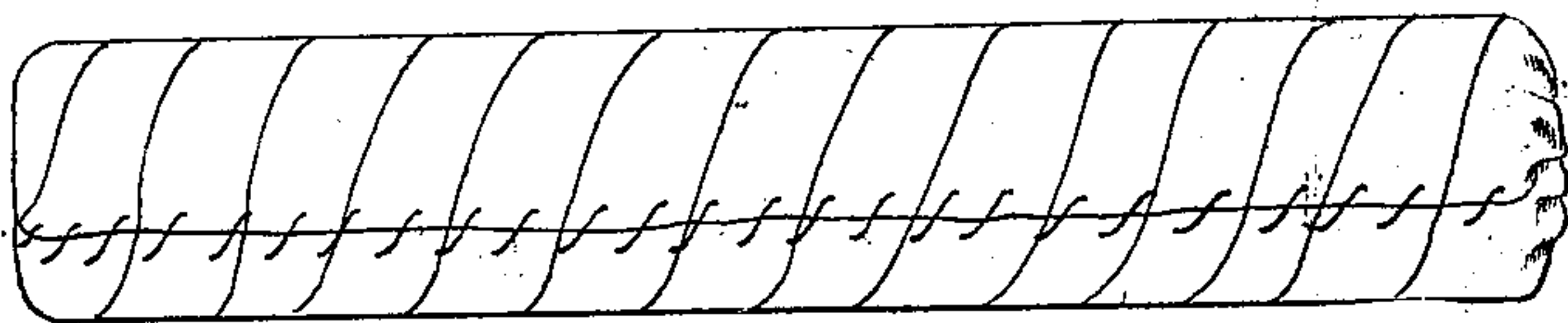
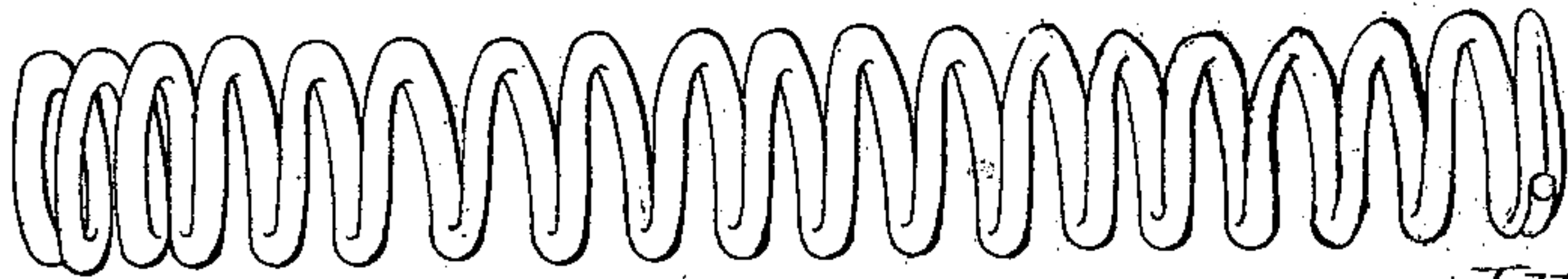


Fig. 5.



Attest:

S. S. Bush
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United States Patent Office.

HENRY BEYRODT, OF LOUISVILLE, KENTUCKY.

Letters Patent No. 79,302, dated June 30, 1868.

IMPROVED BED-SPRING.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY BEYRODT, of the city of Louisville, county of Jefferson, in the State of Kentucky, have invented a new and improved "Bed-Spring;" and I do hereby declare the following is a full and exact description thereof, reference being had to the accompanying drawing, and the letters of reference marked thereon, like parts being indicated by like letters in the several figures.

The nature of my invention consists in so constructing a spring as to combine comfort in its application, greater ease of adaptation to old as well as new bedsteads, and allowing the same to be more easily cleansed, taken apart, and put together.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the drawings, No. 1 represents an ordinary wooden frame, to be placed inside of the rails, and having strips of webbing, A, tacked to the same. On the ends and sides of this frame are several holes, *a*, which the springs work in. No. 2 represents an elevation of my cylindrical spring, No. 3 being the empty case, also in elevation. No. 5 is an ordinary spring, to be placed inside of the cylinder, (after being covered with rubber, as seen in No. 4;) and No. 6 represents the presser or bearings for the frame No. 1, it working through slots in the side of the cylinder, as seen in No. 3. The spring and the presser are kept in the cylinder by means of a pin, as seen in No. 7, and in the cylinder in No. 2. The under surface of presser I cover with rubber, as seen at *b*, No. 6.

The drawing represents an ordinary or full-sized spring. The lower part of the cylinder has a pointed projection, *c*, to secure it, by pressing upon an inner projection of the rails, whilst at the top there is an ear, *d*, having a hole in it, to secure the said cylinder to the rails.

It will be seen each spring has two bearings for the frame, that is, the presser, No. 6, projects on each side of the cylinder, moving up and down through its slots, whilst it bears directly upon the inner spring.

The rubber lining, or under covering of the presser, serves to break any violent concussion when forced down to its full extent, and it comes in contact with the inner strip below, on which the cylinder rests.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

The combination and arrangement of the outer cylinder No. 3, the spiral spring and its covering No. 4, and the presser No. 6, constructed and operated in the manner as shown and described, and for the purpose set forth.

Witnesses:

H. C. SHIVELL,
W. H. HIERONYMUS.

HENRY BEYRODT.