

T. ROLLER.

Mattresses.

No. 137,030.

Patented March 18, 1873.

Fig. 1.

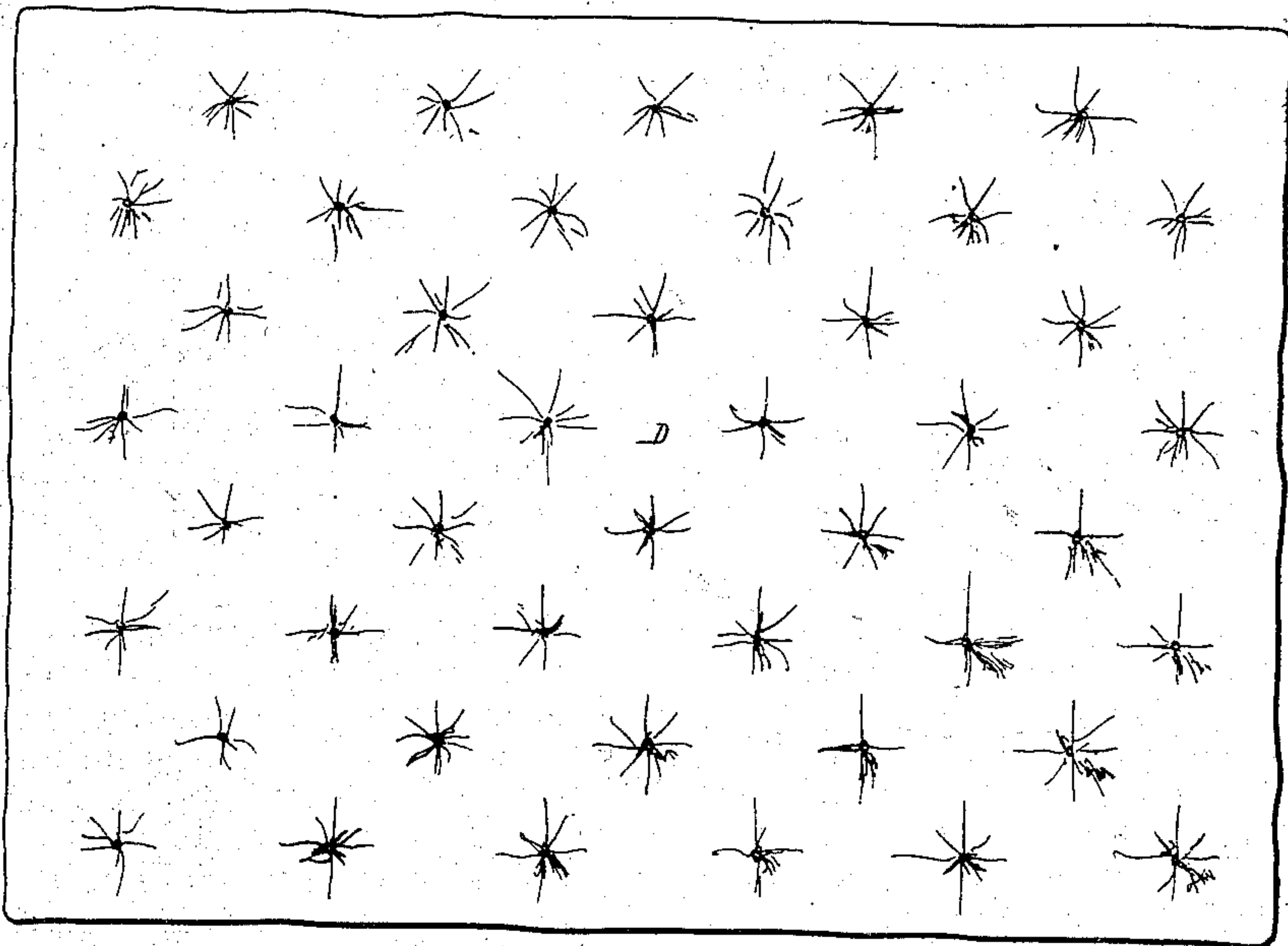
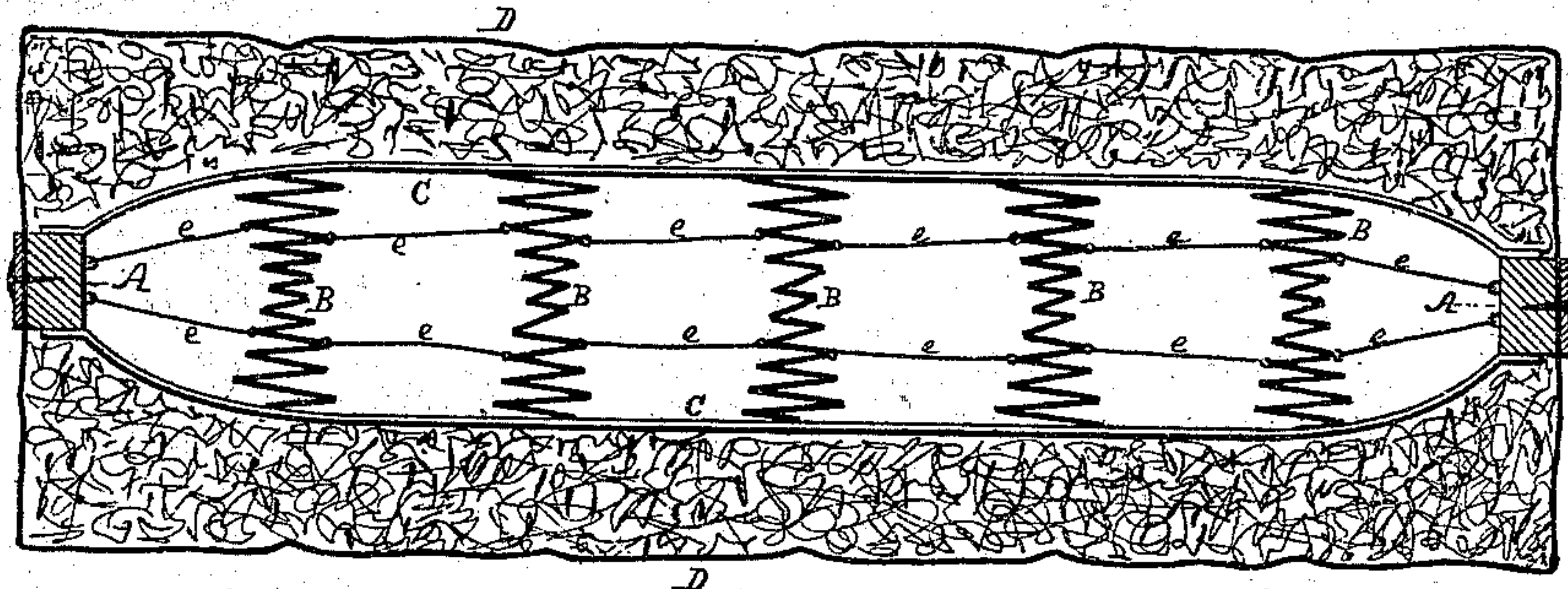


Fig. 2.



Witnesses.
Jno. D. Patten,
D. P. Plow

Inventor:
Theophilus Roller
By Johnston & Guinday
his Attorneys

UNITED STATES PATENT OFFICE.

THEOPHILUS ROLLER, OF ALLEGHENY CITY, PENNSYLVANIA.

IMPROVEMENT IN MATTRESSES.

Specification forming part of Letters Patent No. 137,030, dated March 18, 1873.

To all whom it may concern:

Be it known that I, THEOPHILUS ROLLER, of the city and county of Allegheny and State of Pennsylvania, have invented a certain new and useful Improvement in Mattress; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in constructing a mattress with a series of spiral springs suspended in a frame between two sheets of canvas secured to the frame, and placing the filling of the mattress between said canvas and the outer ticking.

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

In the accompanying drawing, which forms part of my specification, Figure 1 is a top view or plan of my improved mattress. Fig. 2 is a vertical and longitudinal section of the same.

In the accompanying drawing, A represents the frame, which consists of two side pieces and two end pieces, constructed of wood, and secured together by dovetailing and wooden pins, but may be secured together in such other manner as may be deemed best by the mechanic. Suspended in the frame A are spiral springs B through the medium of cords *e*.

Over the ends of the springs B is spread a canvas, C, the edges of which are tacked to the frame A. To the outer edges of the frame is tacked the ticking D, and between it and the canvas C is placed the hair-filling *f*, or such other filling as may be suitable for a mattress.

The mattress hereinbefore described is quilted in the usual manner as indicated in Fig. 1.

A mattress constructed in the manner herein set forth will be susceptible of being reversed, so that its upper and lower side may be alternately used, and will be flexible and perfectly elastic, and will at all times have to the sleeper a feeling of freshness, which, to the weary and afflicted, is a luxury not to be lightly esteemed.

Having thus described my improvement, what I claim as of my invention is—

A reversible mattress, provided with a central frame, in which are suspended spiral springs, which are suspended between canvas secured to the frame, between which and the outer ticking is placed filling of hair or any suitable material, substantially as herein described, and for the purpose set forth.

THEOPHILUS ROLLER.

Witnesses:

A. C. JOHNSTON,
JAMES J. JOHNSTON.