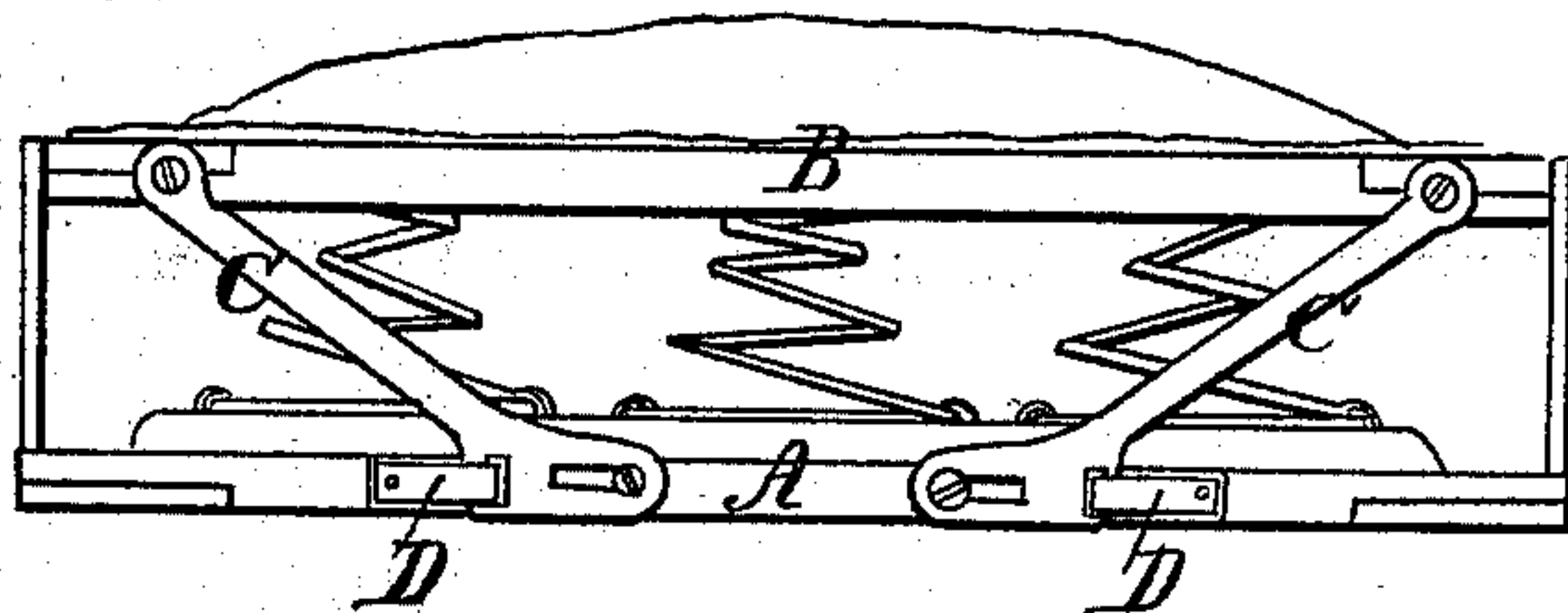


G. C. Grant,

Bed Bottom.

No. 95,105.

Patented Sep. 21. 1869.



Inventor

G. C. Grant

per,

Charles J. Mason
Attys.

Witnesses

Cornelius Cox

Leopold Buch

United States Patent Office.

GEORGE C. GRUT, OF MILWAUKEE, WISCONSIN.

Letters Patent No. 95,105, dated September 21, 1869.

IMPROVED SPRING-BED BOTTOM.

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, GEORGE C. GRUT, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented new and useful Improvements in Spring-Beds; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction and arrangement of a "metallic brace spring-bed," which will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and which represent a side view of the bed.

A represents the bottom, and B, the top frame of an ordinary spring-bed.

On each side, as well as each end, I place two metallic braces, C C, which are pivoted to the top frame B at their upper ends, and at their lower ends provided with a horizontal slot, of suitable length, through which a screw is inserted in the bottom frame A, thus connecting the brace to the same.

These slots allow the braces to slide a certain distance, when the top frame yields to any pressure on the same.

Each brace is, at its lower end, provided with a rubber spring, D, or its equivalent, to raise the same up again when the pressure on the top frame is removed.

The advantages of such metallic braces over those made of wood, are many, and I will only mention the most prominent. I prefer making the braces of cast-iron, which is much stronger than wood, and not liable to break, bend, or get out of order. It is simple in its construction, being only one piece, easily adjusted to a bed, requiring only two screws to keep it firmly in its place.

It will effectually prevent lateral motion of the top frame, which is quite essential in the construction of a spiral-spring bed.

It is cheaper, and does not require any straps to keep the bed from tipping, the braces holding the top frame at a given height from the bottom frame.

These braces may be placed on the inside edges of the frames, instead of on the outside.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The arrangement and combination of the slotted braces C, rubber springs D, spiral springs supporting the bed, and the bed-pieces A and B, substantially as and for the purposes set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 27th day of February, 1869.

GEO. C. GRUT.

Witnesses:

JAS. MACALISTER,
E. H. BROWN.