

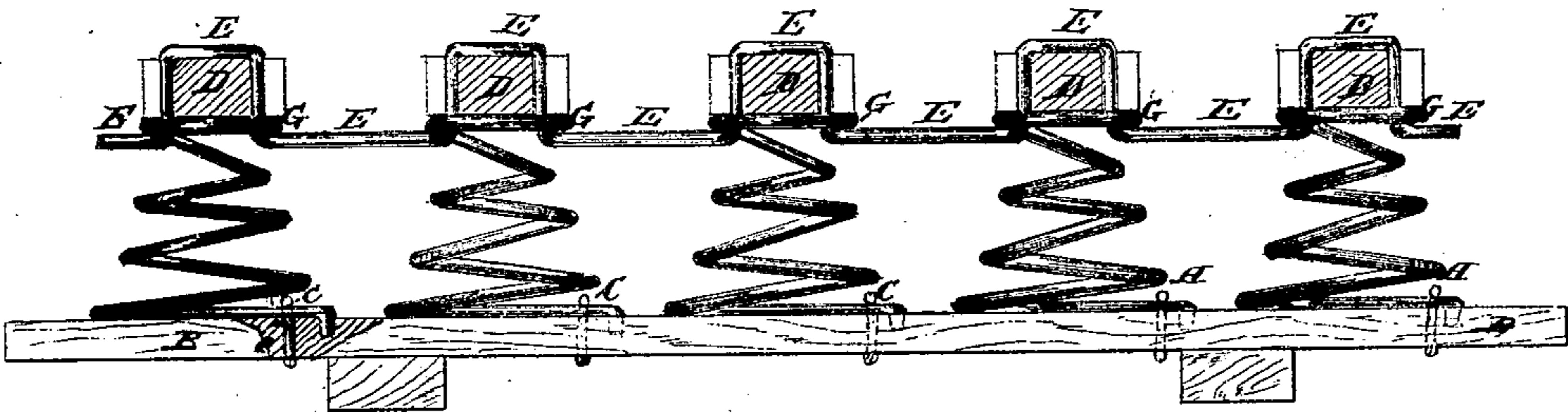
GEORGE W. ROBBINS.

Improvement in Spring Bed-Bottoms.

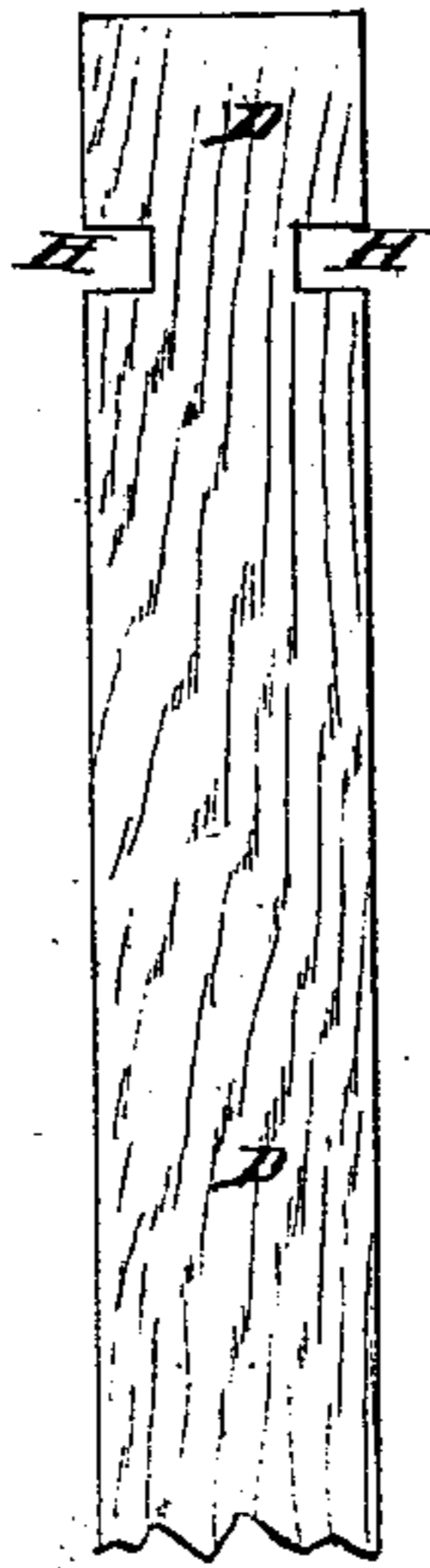
No. 114,712.

Patented May 9, 1871.

*Fig. 1.*



*Fig. 2.*



Witnesses:

*P. C. Distenck.*  
*L. J. Mabey*

Inventor:

*G. W. Robbins*

PER

*Munnell*

Attorneys.

# United States Patent Office.

GEORGE W. ROBBINS, OF DUBUQUE, IOWA.

Letters Patent No. 114,712, dated May 9, 1871.

## IMPROVEMENT IN SPRING BED-BOTTOMS.

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 W. ROBBINS, of Dubuque, in the county of Dubuque and State of Iowa, have invented a new and improved Spring Bed-Bottom; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in the manner of connecting the wire springs to the bottom cross-slats and the top slats of spring bed-bottoms; also, in connecting the top slats together; and

It consists in connecting the bottom coil of each spring to the bottom slat by a wire staple, the prongs of which pass through and span the cross-piece, and are hooked over the said coil, and in connecting the top slats to the springs and together by a wire extending from one to the other, and bent around three sides of the slats, and passing through the top coil, all as hereinafter described.

Figure 1 is a transverse section through my improved bed-bottom, and

Figure 2 is a plan of one of the top slats.

Similar letters of reference indicate corresponding parts.

The lower coil A of each spring is secured to the cross-slat B by wire staples C, the prongs of which pass through and span the cross-piece from the bottom, and are hooked over the said coils.

The top slats D are secured to the upper ends of the springs, and connected together by the wires E having a looped or bent part, F, for each slot extend-

ing from the bottom of the two sides, and over the top; and at the lower ends of these bent parts the said wires are passed through the top coils G, and thence each way to the next slat.

The slats have notches H in the sides, in which the vertical parts of the loops are fitted to prevent slipping on the said slats.

The springs may be engaged with the wires E and the top slats by screwing the top coil in between the wires and the slats before engaging them with the bottom slats, and they may at any time be readily disengaged by unscrewing them after disengaging the lower ends from the slats B.

When the springs are disengaged from the wires E and top slats the said wires may be readily detached from the slats D.

Having thus described my invention,

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

1. The attachment of the springs to the bottom slats B by the prongs of the staples C passing through and spanning the cross-bar, and hooking over the bottom coil, substantially as specified.

2. The connection of the top slats to the springs and together by the transverse wire E, bent around the slats, and through the top coil, and extending from one slat and spring to another, all substantially as specified.

GEORGE W. ROBBINS.

Witnesses:

JOSEPH S. HOOPER,  
JOHN BIEDERT.