

W.C. Hubbard Bed Bottom.

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Fig. 1.

PATENTED JUL 4 1871

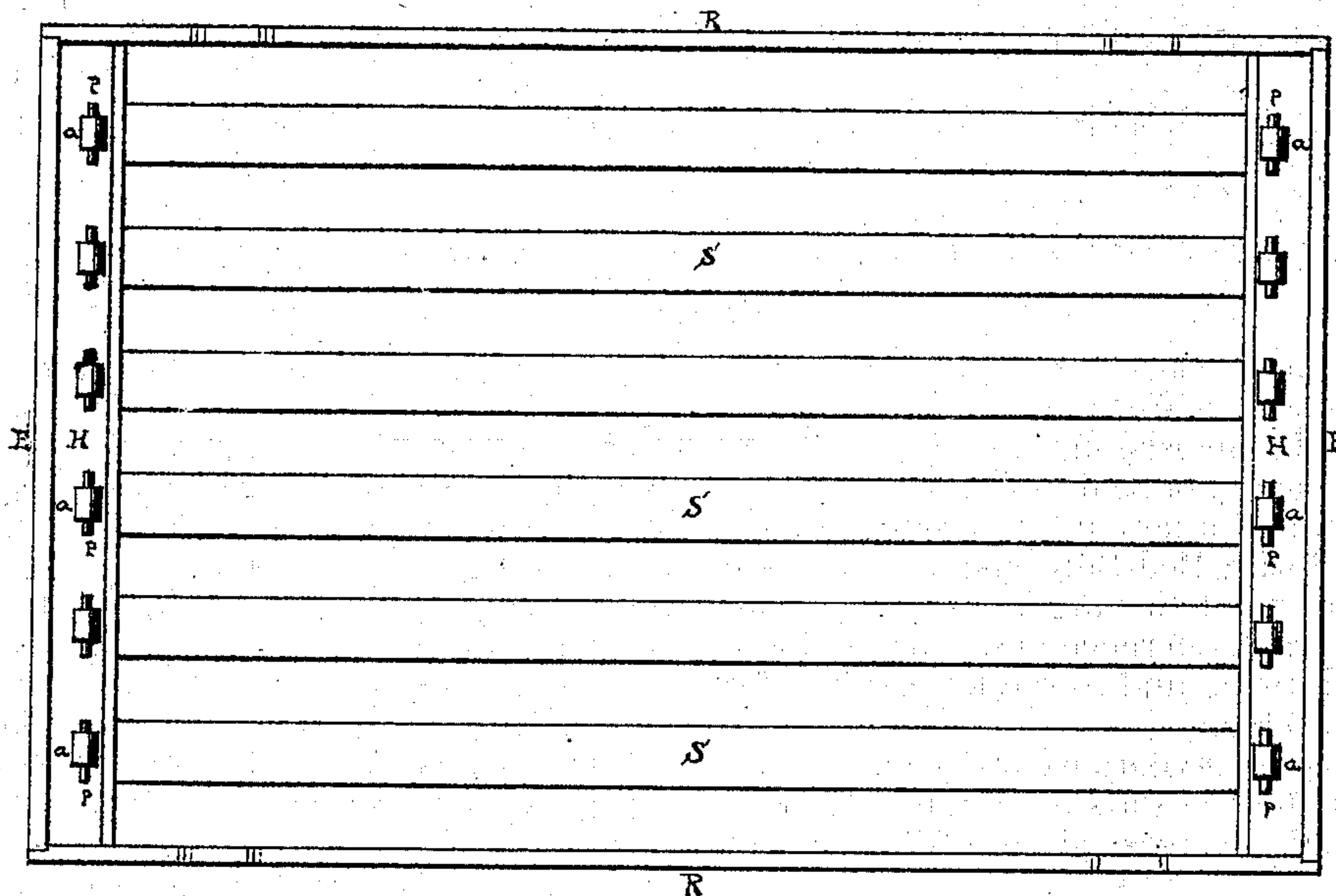


Fig. 2.

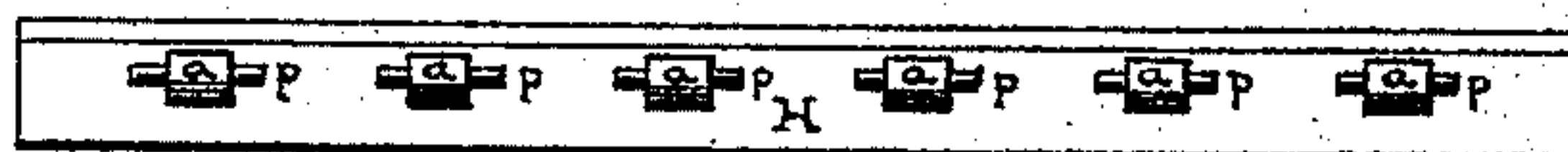


Fig. 3.



Fig. 4.

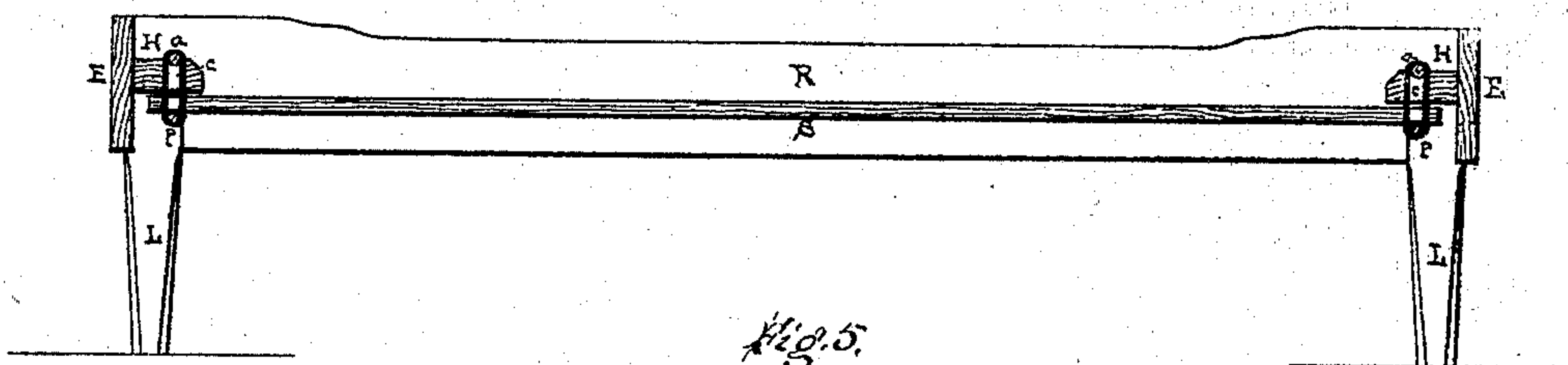
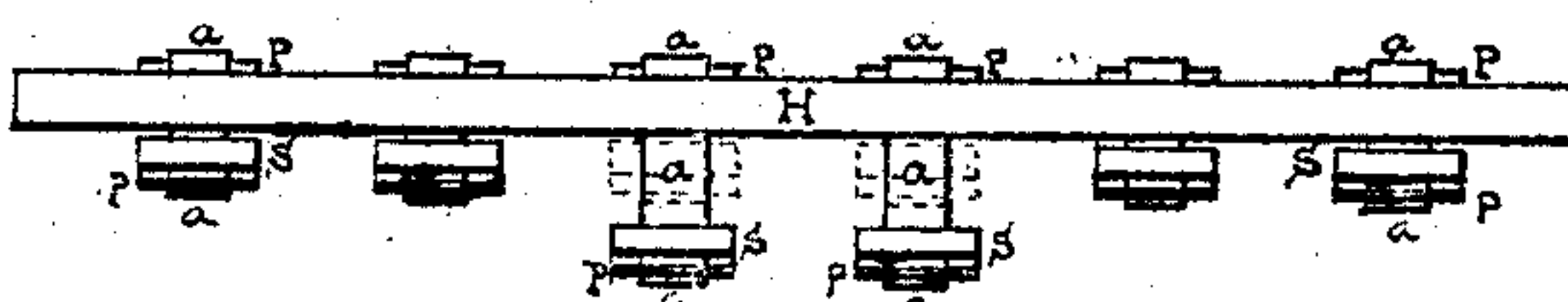


Fig. 5.



Witnesses.

J. W. Miles.
B. G. Cooley

Inventor.

W. C. Hubbard

UNITED STATES PATENT OFFICE.

WILLIAM C. HUBBARD, OF HUBBARDSTON, MICHIGAN, ASSIGNOR TO HIMSELF,
JEROME J. ROBBINS, AND WILLIAM W. CARNER, OF SAME PLACE.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. 116,712, dated July 4, 1871.

To all whom it may concern:

Be it known that I, WILLIAM C. HUBBARD, of the village of Hubbardston, township of North Plains, in the county of Ionia and State of Michigan, have invented a new and improved Mode of Constructing Spring Bed-Bottoms; and I do hereby declare that the following is a full 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 the manner of supporting the slats or hanging the same to the head and foot cross-pieces of the bed-bottom.

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

Figure 1 is the bed-bottom in plan, showing the head and foot cross-pieces H H in position; also, slats S S S; also, upper end of rubber webbing-loops *a a a* as they inclose the wooden supporting-pins P P P.

Fig. 2 is a detached view of one of the cross-pieces H, as seen from the top, showing upper end of rubber webbing-loops *a a a* as they inclose wooden supporting-pins P P P.

Fig. 3 is a detached view of one of the slats S, showing the mortise through it at D, through which mortise the rubber webbing-loop passes when in position.

Fig. 4 is a side elevation of the bedstead-rail R, legs L L; also, a cross-section of head and foot

cross-pieces H H, to which the slat S is attached by means of the rubber webbing-loops *a a*, as further shown by the red line, and passing through the mortise *c c* in head and foot cross-pieces H H, and inclosing wooden supporting-pins P P, the pins resting in a countersink the length of pin on top of cross-piece; also, showing loop passing through mortise in slat S and inclosing wooden supporting-pins P P on under side of slat.

Fig. 5 is an end elevation of the bed-bottom, illustrating the edge of one of the cross-pieces H and end of slats S S S; also, upper and lower ends of rubber webbing-loops *a a* as they inclose wooden supporting-pins P P P, both on top of cross-piece H and under side of slats S S S. In the center of this figure I have shown two slats, S S, as they would appear with a load upon them, and the rubber webbing-loops *a a* stretched to their full length.

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

The mortise D through the slat S, through the head and foot cross-pieces H H, with wooden supporting-pin P resting in countersink on top of cross-pieces, and wooden supporting-pin crossing mortise on under side of slat, substantially in the manner and for the purpose as herein described and set forth.

WILLIAM C. HUBBARD.

Witnesses:

J. W. MILES,
B. G. COOLEY.