

LEWIS HENRY BULLOCK.

Improvement in Wagon-Seats.

No. 115,158.

Patented May 23, 1871.

Fig. 1.

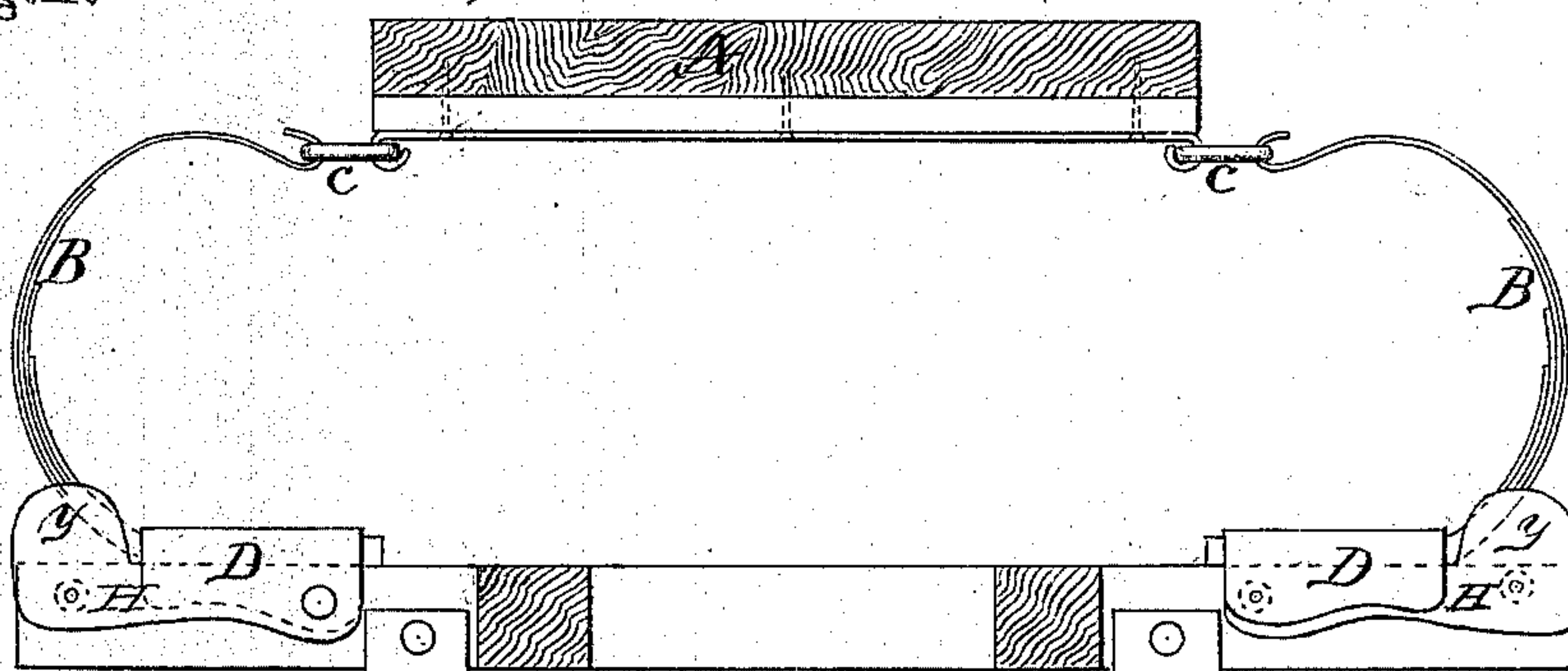
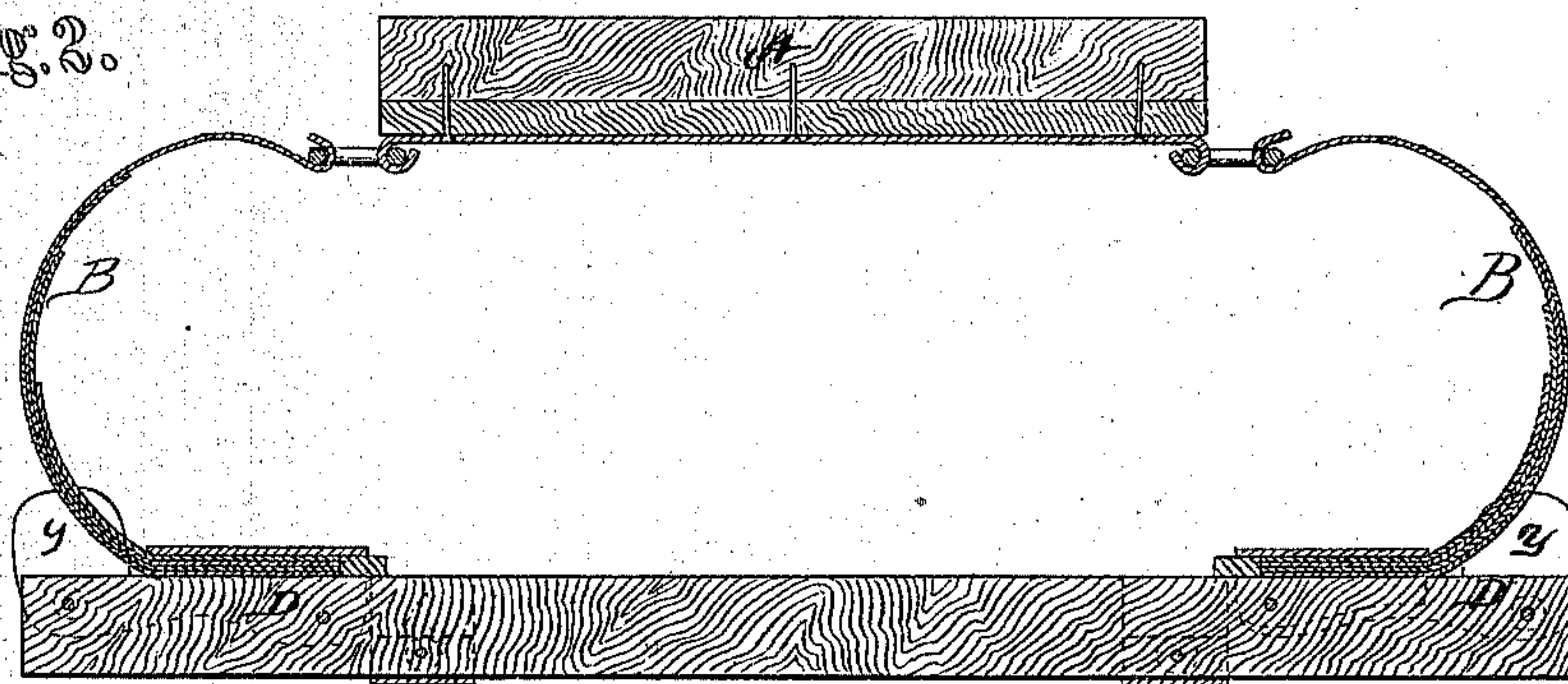


Fig. 2.



Witnesses:  
Chas. Kempton,  
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Inventor:  
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# UNITED STATES PATENT OFFICE.

LEWIS HENRY BULLOCK, OF CHAMPAIGN CITY, ILLINOIS.

## IMPROVEMENT IN WAGON-SEATS.

Specification forming part of Letters Patent No. 115,158, dated May 23, 1871.

*To all whom it may concern:*

Be it known that I, LEWIS HENRY BULLOCK, of Champaign city, in the county of Champaign and State of Illinois, have invented a new and valuable Improvement in Wagon-Seats; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a central vertical transverse section of my invention. Fig. 2 is a vertical cross-section taken through the springs.

My invention relates to wagon-seats; and consists in the construction and novel arrangement of removable clasps or ties upon the cross-heads of the base of the frame, intended to aid in holding the springs in position and afford a ready means of substitution when a spring is worn out or broken.

A of the drawing represents my wagon-seat proper; B B, the springs; C C, rings connecting the springs with the seat; and D, a cross-

head of the base of the frame. The letter H represents my clasp or tie, which fits on one end of a cross-head and clasps both the lower end of the spring and said cross-head, in the manner shown on the drawing. This tie is secured in place by nuts and screws, and thereby made removable at will.

In order to give additional strength and permanency to the springs I construct my clasps with flanges extending upward, as shown by the letters y, which flanges serve as guides and supports for the springs and conduce to the end desired.

### *Claim.*

In a wagon-seat, the flanged clasps H attached to the ends of the cross-heads, substantially as and for the purposes specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

LEWIS HENRY BULLOCK.

Witnesses:

WILLIAM HENRY BAKER,  
GEORGE WARREN CURTISS.