

D. A. Scott,

Bed Bottom.

No. 104,504.

Patented June 21, 1870.

Fig. 1.

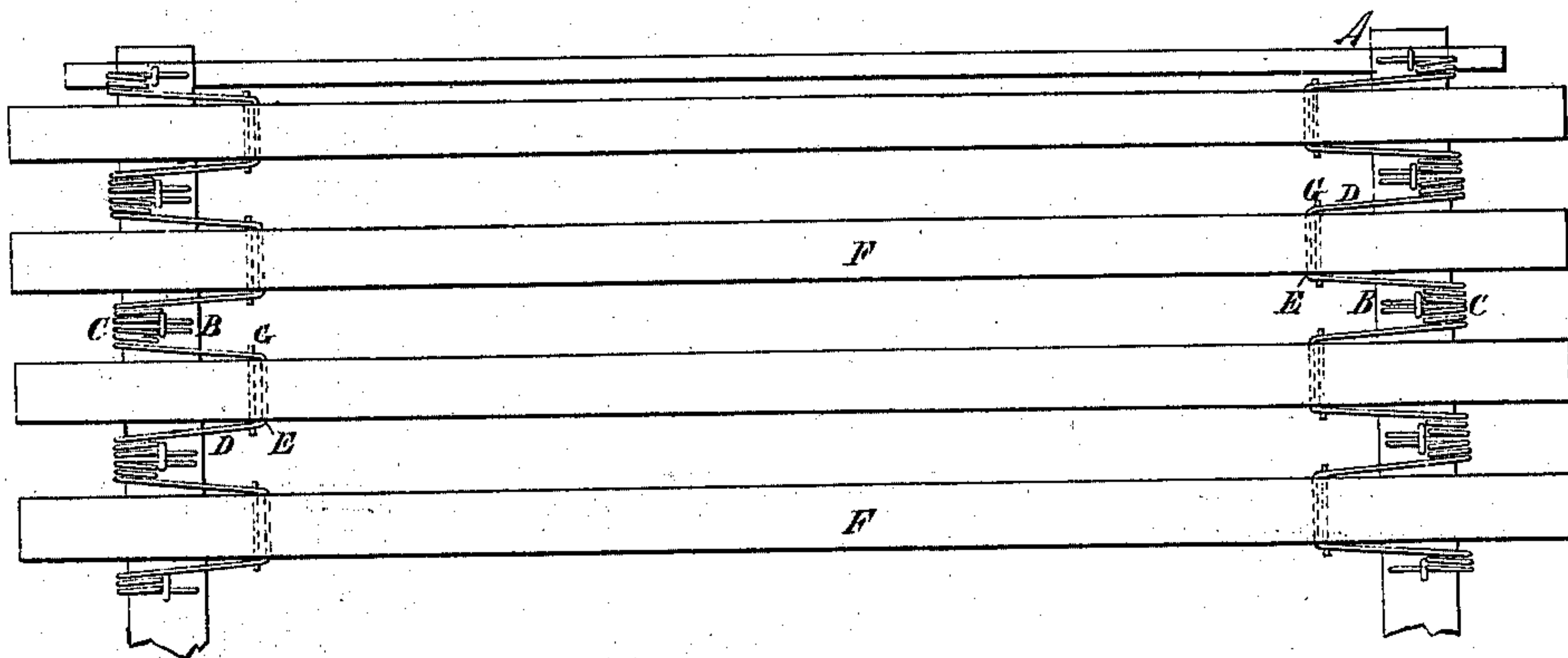
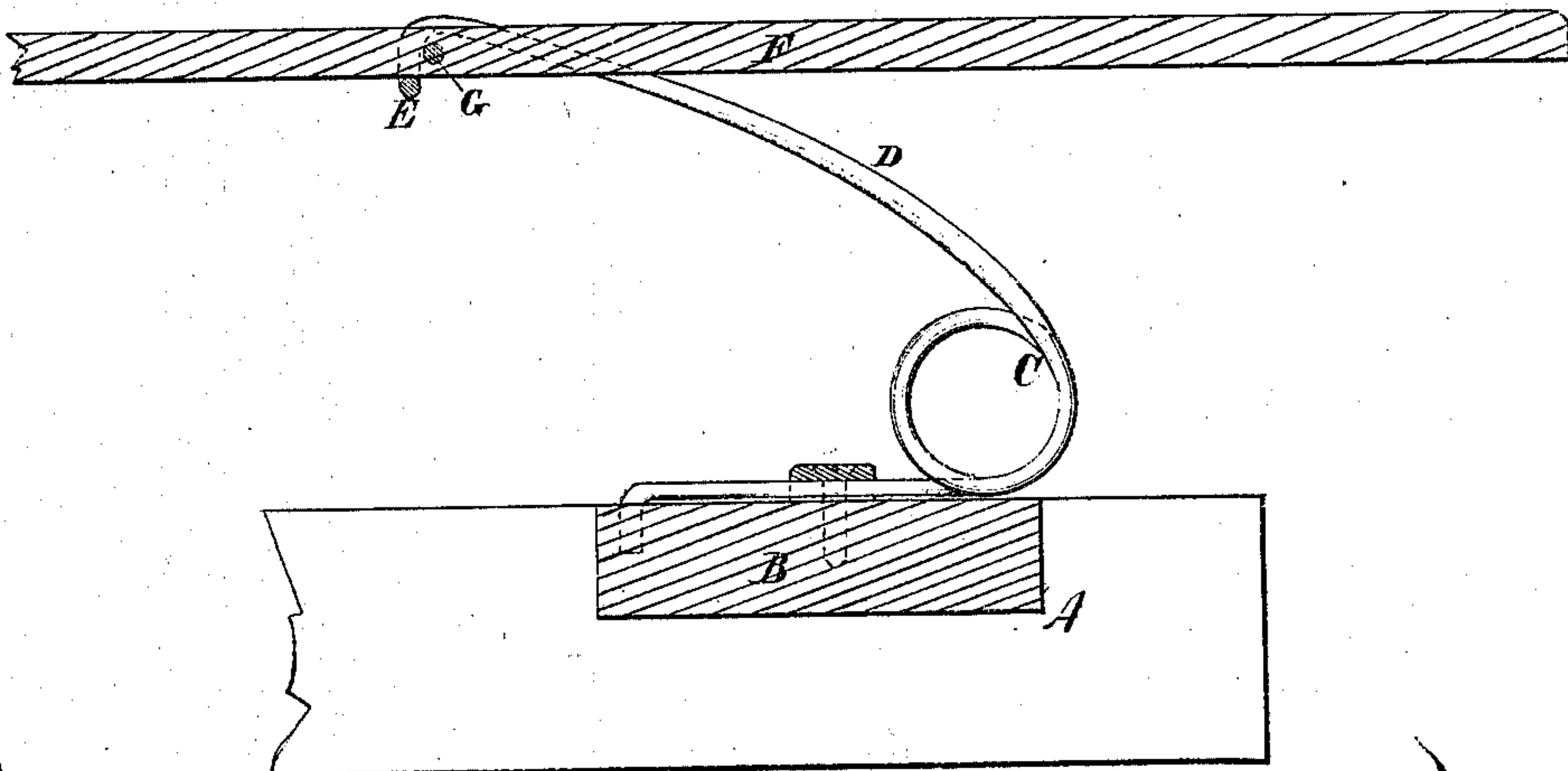


Fig. 2.



Witnesses:

*H. D. Peck
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Inventor.

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DAVID A. SCOTT, OF CINCINNATI, OHIO, ASSIGNOR TO ALLEN C. RICHARDS, OF SAME PLACE.

Letters Patent No. 104,504, dated June 21, 1870.

IMPROVED SPRING BED-BOTTOM.

The Schedule referred to in these Letters Patent and making part of the same.

I, DAVID A. SCOTT, of Cincinnati, in the county of Hamilton and the State of Ohio, have invented a certain Improvement in Spring Bed-Bottoms, of which the following is a specification.

My invention relates to a bed-bottom constructed with lifter-springs, the slats resting upon the stirrup, and held by lugs projecting beyond the arms thereof, and settling between them when depressed.

Figure 1 is a plan of a spring bed-bottom embodying my invention.

Figure 2 is a longitudinal section of one of the slats and spring connected therewith.

A is the frame of the bed-bottom, to the cross-rails B of which are secured the springs C.

The two arms D of the springs are turned downward at their upper ends, and are united together by the stirrup-bars E, upon which the ends of the slats rest.

In order that the slats may be confined to their places upon the springs, the pins or lugs are driven into the slats, and their ends project beyond the edges of the slats a little more than the thickness of the arms D of the springs, and in such location, near the ends of the slats, that the projecting ends of the lugs G may be beneath the point of union of the arms D and stirrup E of the springs.

The arms D of the springs, being close to the slats at their termination in the stirrups E, the slats will be

confined in their places upon the springs, unless extraneous force is used to remove them. This may be necessary when, by long and violent use, they sag and require turning over, or, when cleansed, it will be found to be more conveniently accomplished when they are detached.

To remove the slat, press down upon it until the ends are nearly in contact with the frame A; the stirrups E are caused to approach each other; the slat is then moved toward one of the springs, and, since the arms D of the springs diverge from the stirrup E, the ends of the lug at one end of the slat will be liberated from beneath the said arms of the spring, then the slat is moved in the opposite direction until the lugs at the other end are also freed from contact with the arms of the spring.

The slat may be turned over or cleansed, as the case may be, and inserted by reversing the operation necessary for its removal.

I claim as my invention—

The reversible slats F, projecting between and beyond the arms D of the lifter-springs, and secured to the stirrup thereof by the lugs G, arranged and constructed as described and for the purposes set forth.

DAVID A. SCOTT.

Witnesses:

H. D. PECK,
C. L. FISHER.