

No. 105,636.

PATENTED JULY 26, 1870.

M. CAHILL.
SPRING BED BOTTOM.

Fig. 2.

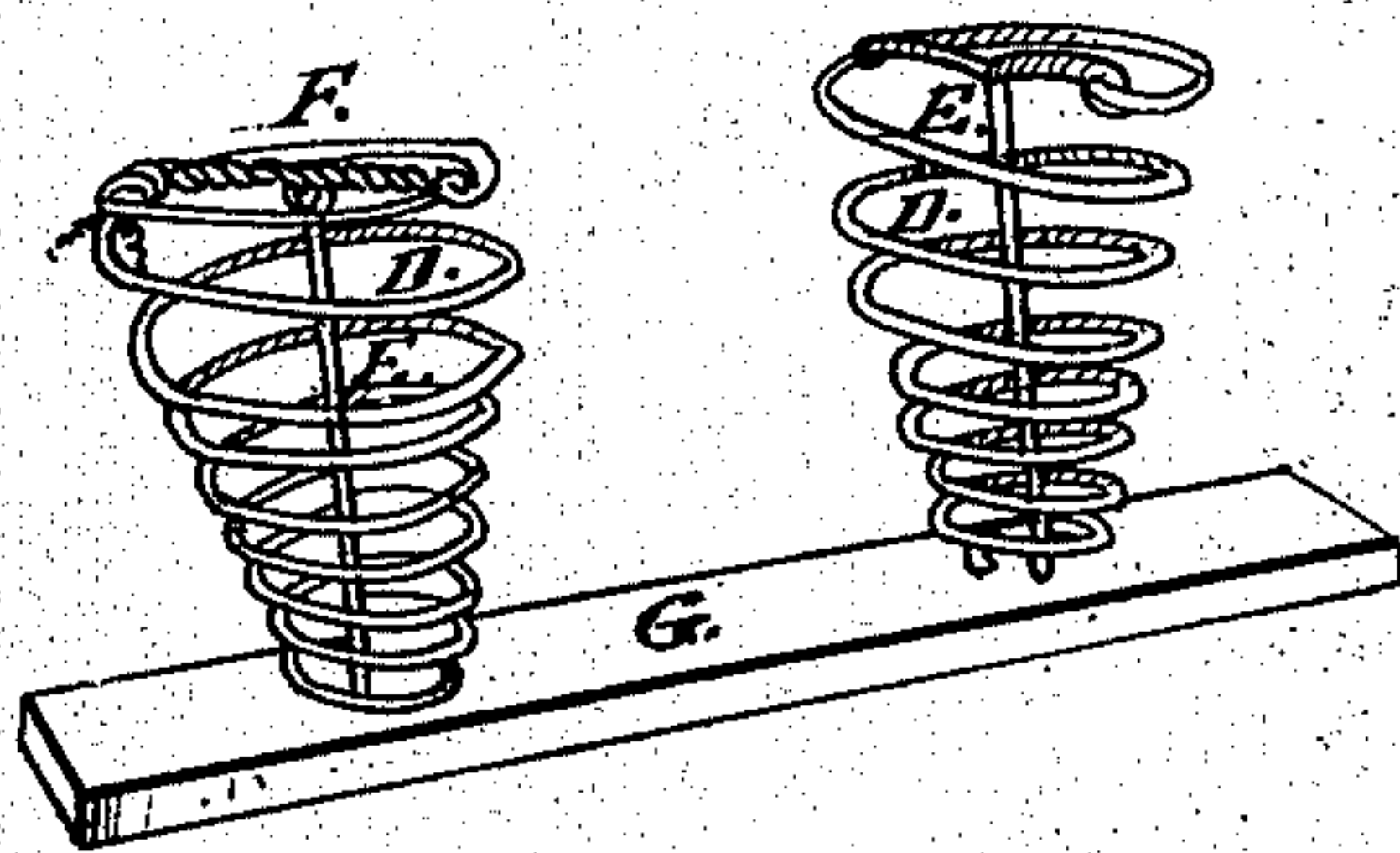
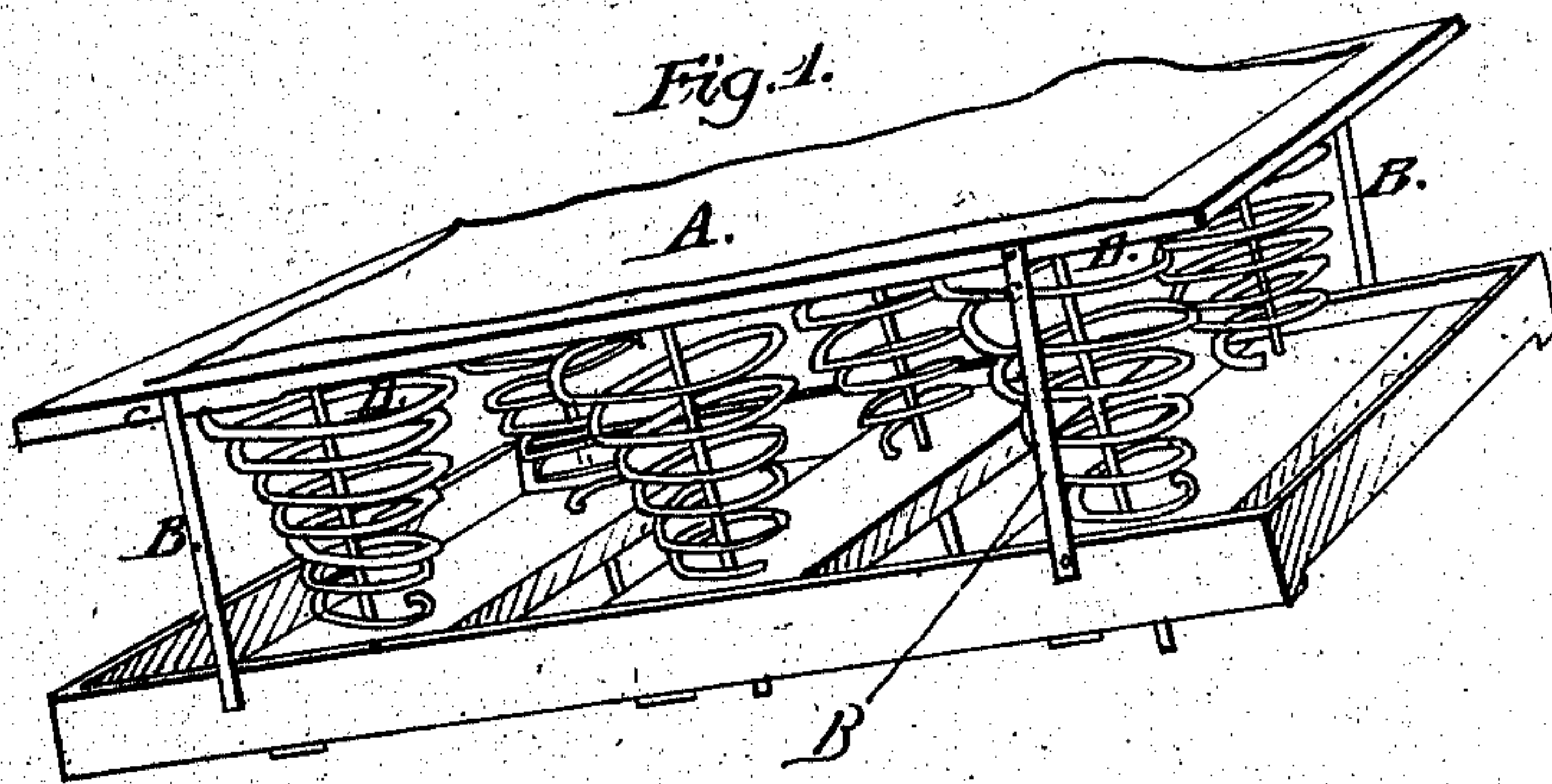


Fig. 1.



WITNESSES:
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MORTIMER CAHILL, OF KALAMAZOO, MICHIGAN.

Letters Patent No. 105,636, dated July 26, 1870; antedated July 14, 1870.

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, MORTIMER CAHILL, of Kalamazoo, in the county of Kalamazoo, in the State of Michigan, have invented a new and Improved Spring Bed-Bottom; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure 1 is a perspective view of the bed-bottom, complete.

Figure 2 is a perspective view of one of the slats, with the spiral springs attached.

Similar letters of reference indicate corresponding parts in the several figures.

The nature of my invention consists in a guide, which supports the spring without the aid of a disk.

The object of the invention is to obtain a portable top, which can be easily removed, that the center slats may be readily shifted to the foot of the bed when they become compressed by wear; also, to obtain a guide, by means of which each spring is perfectly supported without the aid of cords or any other material running from one spring to the other.

To enable others skilled in the art to understand and construct my invention, I will proceed to describe it.

A is the movable top, held in position by the four straps, B B B B, or placed loosely on the top of the

springs. The movable top is a square frame, covered with canvas, surrounding and retaining in position the outer springs.

O O O O are buttons, by which the straps are held.

D is the spring, constructed in any known form of spiral spring.

E is the guide, which consists of a steel wire or rod, having an eye at the upper end, into which is fastened a wire or cord of any material sufficiently strong to keep it in the center of the spring, as seen at F, in fig. 2. The lower end of the guide passes through slat G, which holds the guide in a perpendicular position, permitting it to pass downward when the spring is compressed. The wire or cord used to retain the guide in the center of the spring may be fastened in any convenient manner to opposite sides of the same.

Having thus described the nature and object of my invention,

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

The combination of the guide E, the point passing through the slat and the top, with an eye held by a looped wire, with the spring D and movable slat G, in the manner and for the purposes described.

MORTIMER CAHILL.

Witnesses:

G. F. GREEN,
LE ROY CAHILL.