

No. 108,998.

PATENTED NOV. 8, 1870.

D'A. T. GALE.
BED SPRING.

Fig. 1.

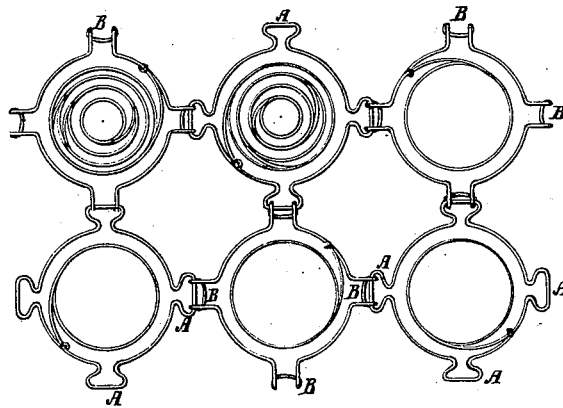
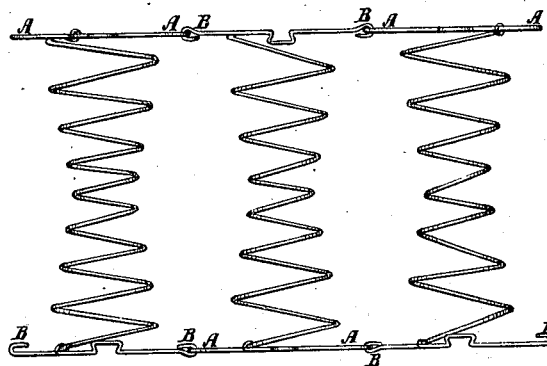


Fig. 2.



Witnesses:

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D'ALEMBERT T. GALE, OF FORT WAYNE, INDIANA.

Letters Patent No. 108,998, dated November 8, 1870.

IMPROVEMENT IN BED-SPRINGS.

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, D'ALEMBERT T. GALE, of Fort Wayne, in the county of Allen and State of Indiana, have invented a new and useful Improvement in Bed-Springs; 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 an improved manner of connecting the top and bottom coils of coiled bed-springs, and it consists in an arrangement of loops or eyes in one end coil, and hooks in the other, and the hooking of the same together, as hereinafter described.

Figure 1 is a plan view of several springs joined together according to my improvement, and

Figure 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

Each spring has the plain loops or eyes A, formed in one end coil, and the hooked loops B in the other end coil, as shown, preferably four of each, at the four equi-angular points, and they are placed, when forming the bed-bottom, alternately with plain loops and hooks up, so that where the end coils of the adjacent springs meet, the hook B of one will engage the plain loop A of the other that they may be

locked together, and thus be secured by bending the hook so as to prevent the release of the loop or eye.

These loops, or eyes and hooks, are made by bending and shaping devices employed in connection with the coiling apparatus, and adapted for forming them quickly and economically, and when so made, they form a very simple and cheap means of fastening the springs together, being especially desirable in that no detached connecting-pieces, strings, or the like, are needed.

A bed-bottom formed of these springs, connected to slats in the usual manner, may be rolled up into a roll convenient for moving, without injuring the springs or connections.

Having thus described my invention,

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

The springs formed with the loops or eyes A in one end coil, and the hooks B in the other, and hooked together thereby, substantially in the manner specified.

The above specification of my invention signed by me this 6th day of October, 1870.

D'ALEMBERT T. GALE.

Witnesses:

GEO. W. MABEE,
W. C. PIKE.