

*J. Decamp,*

*Bed Bottom.*

*No. 95,329.*

*Patented Sept. 28, 1869.*

FIG. 1.

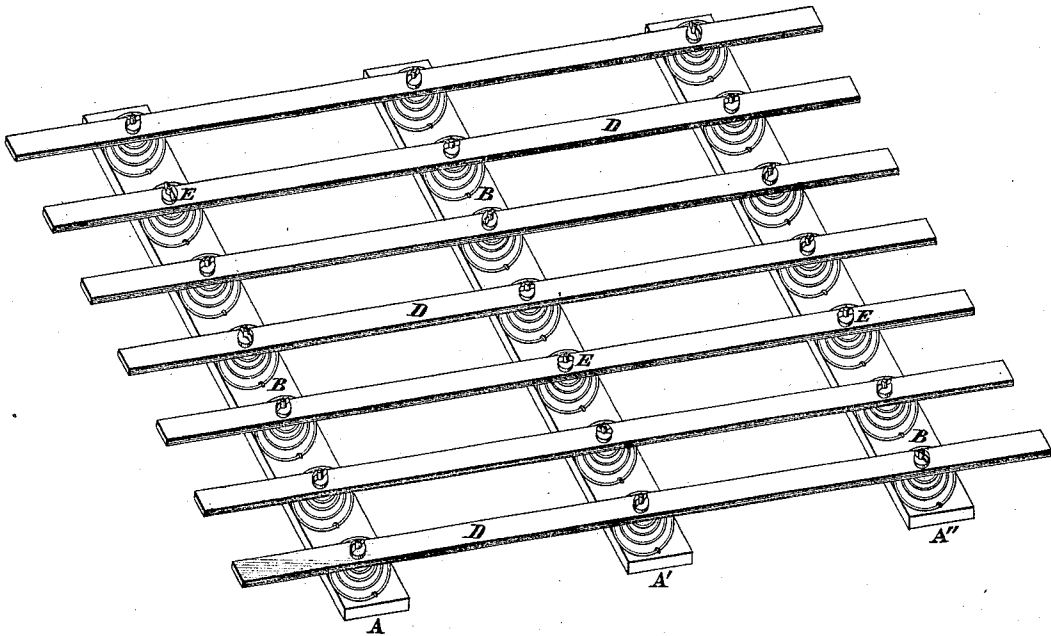


FIG. 2.

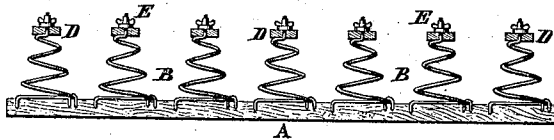


FIG. 3.

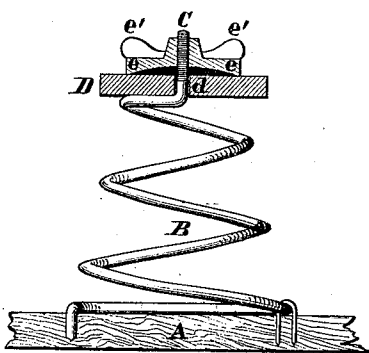
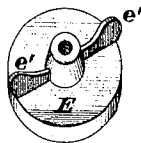


FIG. 4.



*Knight Bros.*  
*Atty. of John Decamp.*

ATTEST.

*Wm. A. Layman,*  
*Sam. Knight*

# United States Patent Office.

JOHN DECAMP, OF CINCINNATI, OHIO.

Letters Patent No. 95,329, dated September 23, 1869.

## IMPROVED BED-BOTTOM.

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

### To whom it may concern:

Be it known that I, JOHN DECAMP, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Bed-Bottom; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to the class of bed-bottoms in which a series of wooden slats are supported upon spiral springs, and consists in a simple and effective mode of attaching the springs and slats, without the use of any woven or fibrous fabric, such as webbing, straps, cords, and the like, which are objectionable because of their liability to harbor vermin, besides being very destructible and capable of attachment in the manufactory only, thus making it impossible to separate the parts for package, cleansing, or transportation, as can be done with my arrangement.

My invention also dispenses with the use of any lateral strap or brace, whether of wood, metal, or other material.

The construction being also such as to be capable of being quickly taken to pieces and put together again by any person of ordinary intelligence, or of being readily reduced in size to fit any particular bedstead.

Figure 1 is a perspective view of a bed-bottom embodying my invention.

Figure 2 is a transverse section of the same.

Figure 3 is a section on an enlarged scale through one of the springs, with its accompanying nut.

Figure 4 is a perspective view of the nut.

A A' A'' are three bearing-rails, whose ends are intended to rest in rebates in the side rails of the bedstead.

Resting upon, and attached to these rails are as many series of spiral springs, B, of the customary truncated conical form, except that their upper extremities C pass vertically through apertures *d* in the slats D, and are screw-threaded to receive nuts, E, somewhat concave or dished, or with a projecting margin, *e*, on their under sides, and wings *e'* on the upper sides, with which to turn the nut by hand.

The spring has its base or large diameter to the rail, and supports the slat upon the upper coil.

The nuts E enable all the parts of the bottom to be in a few minutes united in one compact and stanch, yet elastic whole, without the use of any tool whatever, or any mechanical skill; and the flat and rounded upper contour of the nut prevents wear of the mattress, while its sharp and salient lower margin gives it a firm and stable attachment to the slat.

The nuts are preferably of metal, but may be of hard wood, or its equivalent, and may, if desired, enter recesses or countersinks in the tops of the slats.

The number of rails, slats, and series of springs may be greater or less, as may be desired.

It is intended that the springs in this form of bottom shall be of sufficient stiffness to supersede the necessity of webbing or other lateral stays. About No. 7 wire makes a good spring for this purpose.

In order to put this bottom together, it is merely necessary to pass the upper ends of the springs through the apertures *d*, and fasten the same by the nuts E, an operation that can be performed by the thumb and finger.

Should the bottom be too large for the bedstead, it can be easily fitted to it without any detriment, by simply shortening off the rails or slats, as the case may be.

For transportation or removal, the bottom may be in a few minutes taken apart, without any tool whatever, and put in one or more very compact parcels.

This bottom is equally elastic in every part, and affords no harbor whatever for vermin, nor is it liable to get out of order by use.

I claim herein as new and of my invention—

The combination of the slats A D, the spring B, screw C, and dish-formed or concave nut E *e*, provided with wings *e'*, all constructed and arranged as and for the purpose set forth.

In testimony of which invention, I hereunto set my hand.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.

JOHN DECAMP.