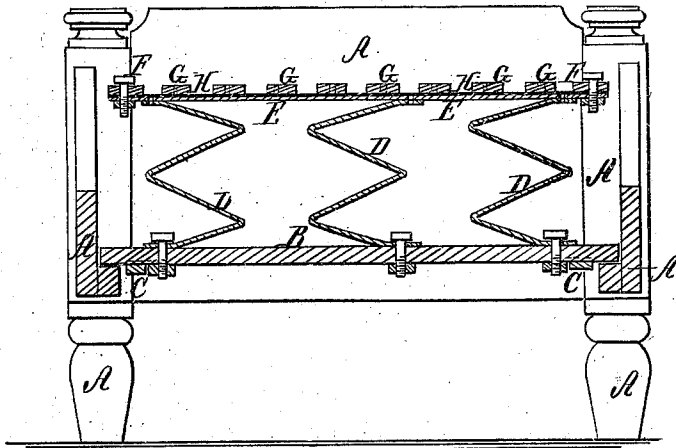


*Gaffney & Dunks,*

*Bed Bottom,*

*N<sup>o</sup> 83,373.*

*Patented Oct. 27, 1868.*



*Witnesses;*  
*Albin Kendorff*  
*Wm. A. Magan*

*Inventors;*  
*T. J. Gaffney & C. H. Dunks*  
*per Munn & Co*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

THOMAS J. GAFFNEY AND CHARLES H. DUNKS, OF DETROIT, MICHIGAN.

## IMPROVED SPRING BED-BOTTOM.

Specification forming part of Letters Patent No. **83,373**, dated October 27, 1868.

*To all whom it may concern:*

Be it known that we, THOMAS J. GAFFNEY and CHARLES H. DUNKS, of Detroit, in the county of Wayne and State of Michigan, have invented a new and Improved Spring Bed-Bottom; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which the figure is a vertical cross-section of a bedstead to which our improved spring bed-bottom has been attached.

This invention relates to improvements in spring bed-bottoms; and it consists in the method of securing the longitudinal top slats to the transverse steel bars, which are supported by **W**-shaped springs.

**A** is the frame of the bedstead, about the construction of which there is nothing new. **B** are cross-slats, the ends of which rest upon cleats attached to the inner sides of the side bars of the frame **A** of the bedstead.

The cross-slats **B** are connected to each other and held in their proper relative positions by longitudinal bars **C** attached to their under sides near their ends, as shown in the figure.

**D** are springs made in the shape of an **M** or **W** laid upon its side, and the lower ends of which are secured to the cross bars or slats **B** by bolts and nuts, as shown in the figure.

The upper ends of the springs **D** are riveted or otherwise securely attached to the steel cross bars or straps **E**, as shown in the figure.

**F** and **G** are the longitudinal slats upon which the bedding is placed.

The slats **F** are secured to the ends of the steel spring bars or straps **E**, outside of the ends of the springs **D**, by bolts and nuts, as shown in the drawing, so that they may be readily detached when desired, and so that they may be set close to the inner sides of the side rails of the bedstead.

The slats **G** are kept in their proper relative position by being secured to strips **H** of leather, cloth, or other suitable flexible material, which extend along the upper sides of the steel spring-bars **E**, and their ends are clamped between the said bars and the side slats **F**, as shown in the figure.

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

The leather strips **H**, in combination with the longitudinal top slats **G** and transverse steel bars **E**, whereby the slats are secured to the bars, as herein shown and described.

THOMAS J. GAFFNEY.  
CHARLES H. DUNKS.

Witnesses:

C. BAKER,  
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