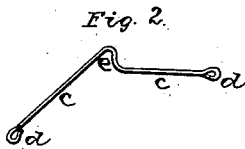
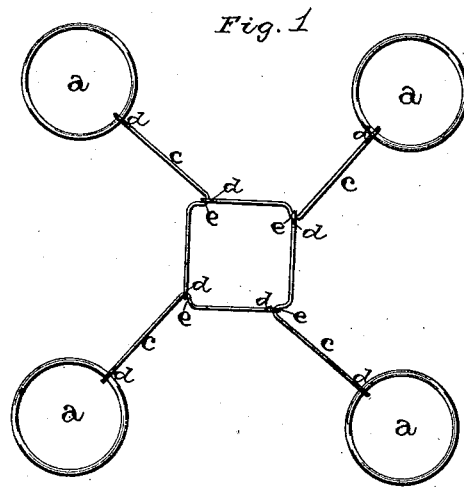


C. MERRICK.  
Bed-Bottoms.

No. 196,469.

Patented Oct. 23, 1877.



WITNESSES

*J. W. Garner*  
*Will H. Kerst*

INVENTOR.

*Clinton Merrick*  
per  
*F. A. Lehmann, Atty*

# UNITED STATES PATENT OFFICE.

CLINTON MERRICK, OF YORKVILLE, ILLINOIS.

## IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. **196,469**, dated October 23, 1877; application filed July 10, 1877.

*To all whom it may concern:*

Be it known that I, CLINTON MERRICK, of Yorkville, Kendall county, Illinois, have invented certain new and useful Improvements in Bed-Bottoms, of which the following is a specification:

My invention relates to an improvement in bed-bottoms; and it consists in the manner of combining the tie-wires for the purpose of fastening the springs together, as will be more fully described hereinafter.

The accompanying drawings represent my invention.

*a* represents an ordinary spring, and *c* the tie-wires which form my bottom. Each one of these ties has a hook, *d*, formed upon each end, one for fastening to the spring, and the other for catching in an adjoining tie. Each one of the ties is made perfectly straight from the spring down to the point *e*, where it is bent into a small crook, as shown, for the end of the adjoining tie to catch in. From this crook the tie extends straight outward, and at this end it catches in a similar crook in an adjoining tie. Each one of these ties being formed in this manner, they can be connected to the

springs and to each other very rapidly and securely, and, as thus secured together, form a square between the springs, as shown.

This method of forming the tie dispenses with a great deal of hard work; of a center-piece to hook them into; besides, each one of these corners forms a joint. When pressed down, these joints make it equal to a spring. When the weight is taken off it springs back into its place, and, besides, making more of an equal net-work for the covering to lie on than any of the methods heretofore used.

Having thus described my invention, I claim—

The combination of the ties *c*, formed with their hooks at their ends and crooks in their centers, with the springs *a*, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of July, 1877.

CLINTON MERRICK.

Witnesses:

JAS. S. BARBER,  
JOHN FITZGERALD.