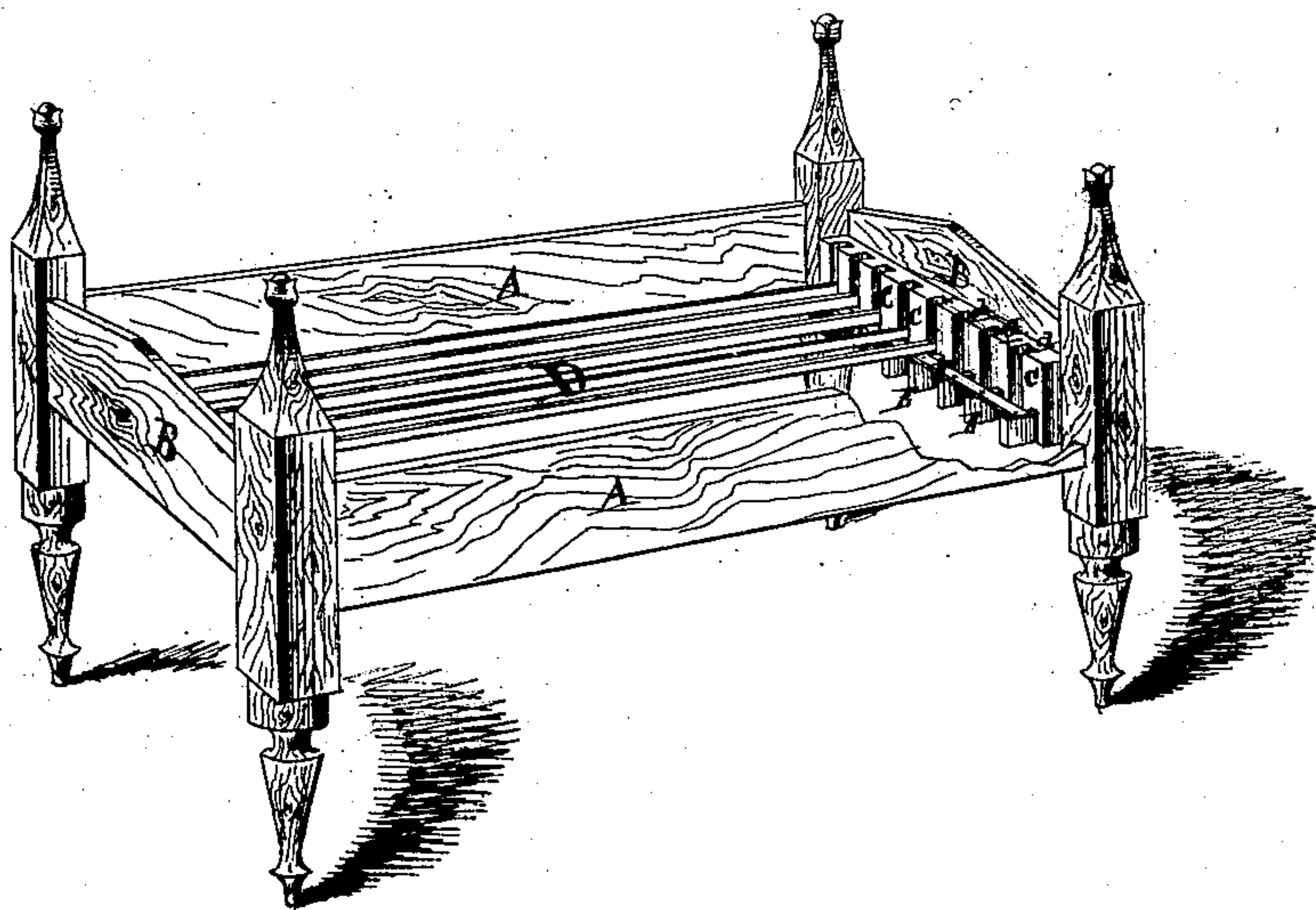


J. H. Quackenbush,

Bed Bottom.

No. 110284.

Patented Dec. 20, 1870.



ATTEST

H. F. Everts
Notary Public

INVENTOR

J. H. Quackenbush
per Attorney
W. S. Springer

United States Patent Office.

JAMES HENRY QUACKENBUSH, OF LUDDINGTON, MICHIGAN.

Letters Patent No. 110,284, dated December 20, 1870.

IMPROVEMENT IN SPRING-BED BOTTOMS.

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

To whom it may concern :

Be it known that I, JAMES HENRY QUACKENBUSH, of Luddington, in the county of Mason and State of Michigan, have invented a new and useful Improvement in Spring-bottom Bedsteads; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which my improved bedstead is shown in perspective.

The nature of this invention relates to an improved construction of a bedstead, so arranged that the slats which form the bottom, upon which to place the mattresses, will have a vertical spring.

The invention consists in the arrangement and combination of the various parts, as more fully hereinafter described.

In the accompanying drawing—

A represents the side rails, and B the head and foot-boards of a bedstead of ordinary construction.

To the head and foot-boards, and upon the inner sides thereof, are secured, in a vertical position, the

ribs C, the spaces *a* between which are of the width of the bottom longitudinal slats D.

The ribs are provided with shoulders E upon the top, to which is secured the elastic strap F, upon which the ends of the horizontal bottom slats D rest.

When the weight of persons occupying the bed is imposed thereon, the elastic strap allows a vertical springing motion of the slats, which are retained in place by the ribs, the whole forming a very economical and easy spring-bed.

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

The ribs C, provided with shoulders E and the elastic strap F, in combination with the head and foot-boards of a bedstead, and the bottom slats D, when arranged to operate as herein set forth.

JAMES HENRY QUACKENBUSH.

Witnesses :

LEVI SHACKELTON,
JOHN B. LOZO.