J. C. FISH.

SPRING BED-BOTTOM.

No. 172,987. Patented Feb. 1, 1876.

Fig. 1.

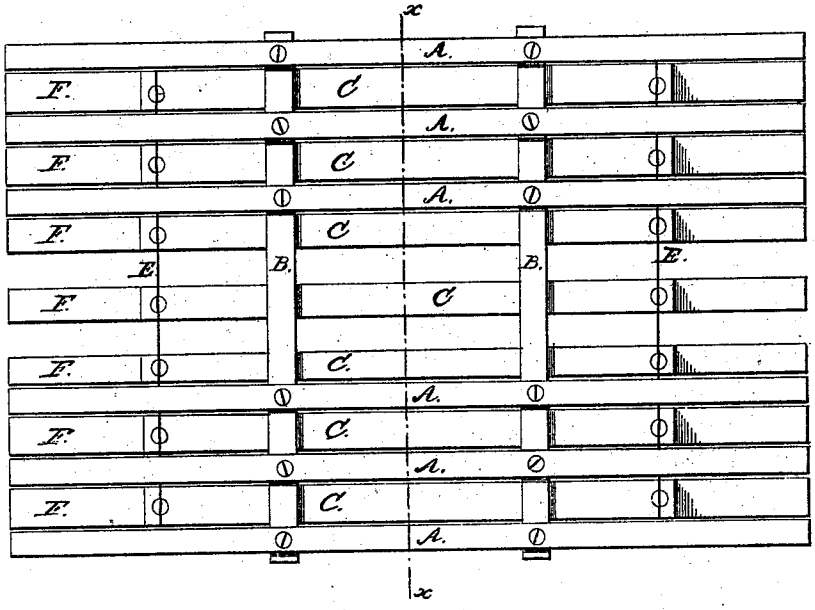



Fig. 2.

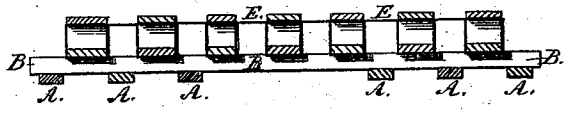
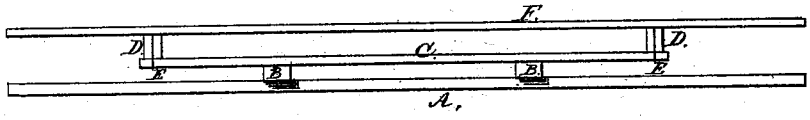



Fig. 3.




Witnesses:

James J. Coe

J. B. Adams

Inventor:

John C. Fish.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

JOHN C. FISH, OF GENESEO, NEW YORK, ASSIGNOR OF ONE-HALF HIS RIGHT TO JOHN RORBACH, OF SAME PLACE.

## IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **172,987**, dated February 1, 1876; application filed January 11, 1876.

*To all whom it may concern:*

Be it known that I, JOHN C. FISH, of Geneseo, in the State of New York, have invented certain new and useful Improvements in Multiplex-Spring Beds; 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 which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

The object of my invention is to produce a wooden multiplex-spring bed that is cheap, light, durable, and comfortable, and easy to the persons lying thereon; and the invention consists of a number of main or bottom slats on each side of the bed, about three inches apart, and extending from the head to the foot of the bed, and upon said slats are fastened two cross-pieces, extending across the bed, and about one-third of the length of the slats apart. Upon the cross-pieces are fastened slats or springs, about twelve inches shorter at each end than the bottom slats, and placed at intervals across the bed, so as to spring downward between the main or bottom slats. At each end of the short springs is placed a short standard, secured by wires or other equivalent fastening, and upon the standards are fastened a second or upper series of longitudinal slats, of the same width of the short slats and same length as the bottom or main slats.

In the accompanying drawing, Figure 1 is a bottom view of my spring-bed. Fig. 2 is a cross-section on line *x x* of Fig. 1. Fig. 3 is a side elevation of the same.

In the drawing, A represents the main or bottom slats, arranged on each side of the bed, (say three on a side,) about three inches apart, and extending from the head to the foot thereof. To these slats are fastened the cross-pieces B, at about equal distances apart, say one-third the length of the bottom slats. Upon these pieces are secured the short slats or springs C, which are about twelve inches shorter at each end than the main slats, and placed at the intervals or spaces across the bed, so as to spring downward between the bottom slats. At each end of the short springs or slats are placed the short wooden pieces or standards D, and secured by a wire, E, or other equivalent fastening, which passes over them and around the spring-slats from one to the other, and so continuously across the entire bed. Upon the standards D are fastened finally the slats F, with nails, screws, or in any other suitable manner. They are of the same width as the short slats or springs C, and of the same length as the main or bottom slats A.

The advantages of my improved multiplex-spring bed are, that it gives the person lying on it the easiest possible position for repose, and if two persons are lying on the bed they will not roll against each other, even if one of them is a much heavier person than the other; it is very simple, light, and durable, and can be very easily put together or taken apart; it can be furnished at a very low cost.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the slats A, cross-pieces B, springs C, standards or blocks D, and slats F, substantially as and for the purpose herein described.

JOHN C. FISH.

Witnesses:
JAMES J. CONE,
J. B. ADAMS.