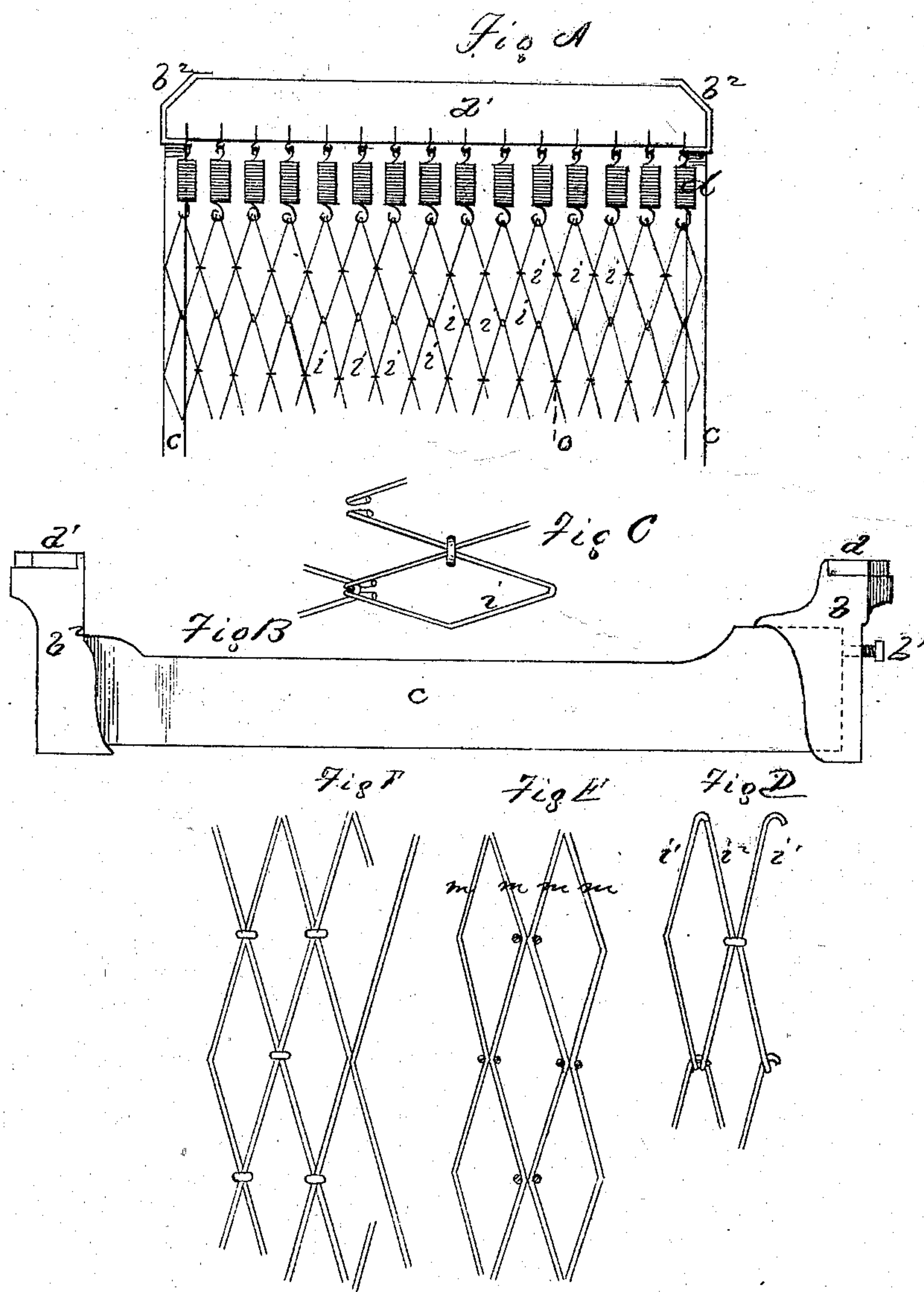


E. S. FIELD.
Spring Bed-Bottoms.

No. 138,491.

Patented May 6, 1873.



WITNESSES.

Peter M. Kutyra
John Pollitt

INVENTOR.

Edwin S. Field

UNITED STATES PATENT OFFICE.

EDWIN S. FIELD, OF HARTFORD, CONNECTICUT.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **138,491**, dated May 6, 1873; application filed December 2, 1872.

CASE B.

To all whom it may concern:

Be it known that I, EDWIN S. FIELD, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Spring-Beds, of which the following is a specification, reference being had to the accompanying drawing.

I have, for convenience' sake, divided the invention in two divisions, A and B, that part thereof described and claimed in this specification being included in division B.

In the drawing, Figure A is a top view of a part of the frame of a bed having one form or construction of my improved wire-mattress attached thereto. Fig. B is a side view of such frame. Fig. C is a detached enlarged view of a few of the wire links composing the mattress, shown in Fig. A. Fig. D is a view of an equivalent method of forming the diamond-shaped figures composing the netting, shown in Fig. A. Fig. E is another such equivalent. Fig. F is still another such equivalent.

The invention relates to a wire-mattress; and the parts in which it particularly consists will be found specified in the claims at the end of this specification.

The letter *a'* indicates one of the two end pieces of the bed-frame, resting by its ends in the corner-sockets *b² b²*, attached to the ends of the side rails *c c*. To such end pieces are attached the spiral springs *d'*, to the other ends of which is attached the wire-netting, composed of the diamond-shaped wire figures *i*, formed each of one piece of wire, having the

ends hooked so as to take into the apex of the next figure. These rings are connected at their obtuse angles by the rings *o*.

In Fig. D these diamond-shaped figures are shown as composed of two pieces of wire, *i¹ i²*, each forming half the figure, one end of such half, as at *x*, being hooked in toward its fellow, and the other end being hooked downward so as to take into the next figure.

In Fig. E these figures are shown as composed of two continuous wires, *m m*, attached at the apexes of the figures by rings, as well as to each other at the obtuse angles.

In Fig. F the figures are shown as composed of continuous wires, but each wire forming the corresponding sides of two adjacent figures between the angles of the wire.

I claim as my invention—

1. As a component part of a bed-bottom, a diamond-shaped link made of one piece of wire, and having the two ends of the wire turned downward at one of the angles of the link so as to form a hook to take into an angle of the next link, substantially as and for the purpose set forth.

2. A bed-bottom composed of such links as are specified in the last clause, hooked together at two of the angles of the links, and united at the other two angles by subsidiary rings or links, substantially as described.

EDWIN S. FIELD.

Witnesses:

STEVENS ROGERS,
JOHN POLLITT.