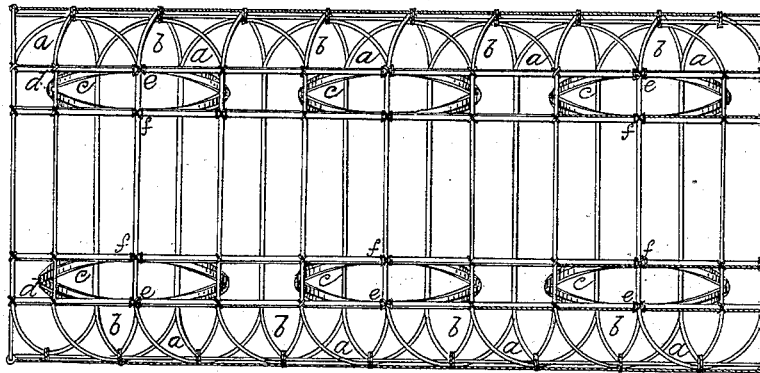


T. S. SPERRY.  
Pillow, Bolster and Mattress.

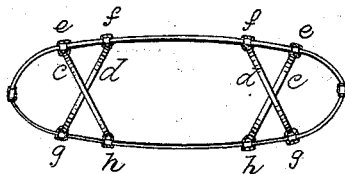
No. 217,299.

Patented July 8, 1879.

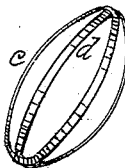
*Fig. 1.*



*Fig. 2.*



*Fig 3*



Witnesses  
R. Kewell.  
James H. Hunter.

Inventor  
Timothy S. Sperry

# UNITED STATES PATENT OFFICE.

TIMOTHY S. SPERRY, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN PILLOWS, BOLSTERS, AND MATTRESSES..

Specification forming part of Letters Patent No. **217,299**, dated July 8, 1879; application filed July 16, 1878.

*To all whom it may concern:*

Be it known that I, TIMOTHY S. SPERRY, of the city of Brooklyn, in the State of New York, have invented certain new and useful Improvements in Pillows, Bolsters, Mattresses, and Similar Articles; and declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to an improved arrangement of the parts—namely, of an outer spring shell or frame supported by egg-shaped springs in pairs, each spring in the pair being nearly at right angles to but disconnected from the other, substantially as hereinafter described.

In the drawings, Figure 1 is a top or plan view of the outer spring shell or frame containing my improved spring. Fig. 2 is a vertical cross-section thereof, and Fig. 3 is a view of the improved spring shown detached from the outer spring shell or frame.

*a b* are spiral springs, the one being wound in an opposite direction to the other, and connected by any of the well-known means for attaching such parts, and which form the spring shell or frame. *c d*, &c., are pairs of oval or egg shaped springs, each spring in the pair being disconnected with but crossing the other at nearly a right angle, and secured on the interior of the spring shell or frame, and attached thereto at four or more points, *e f g*

*h*, so as to form a support thereto. I prefer to make one of these egg-shaped springs in each pair a little smaller than the other, so that when the sides of the shell are collapsed by pressure one of said egg-shaped springs shall press down within the other, and thereby avoid abrasion to the edges of the covered wire of which such springs are composed. A sufficient number of these pairs of supporting-springs are placed in the spring-shell of the pillow or mattress, and secured as above stated.

On pressure being applied to such pillow or mattress, the sides of the spring-shell will collapse these pairs of egg-shaped springs in such a way that no injury will occur to them, and so that the members of each pair will telescope, yet retain their elasticity, and the springs instantly rebound on the pressure being released from the spring-shell.

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

A pillow, bolster, or mattress composed of an outer spring shell or frame, supported by egg-shaped springs in pairs, each spring in the pair being at nearly right angles to but disconnected from the other, substantially as described.

TIMOTHY S. SPERRY.

Witnesses:

JAMES H. HUNTER,  
K. NEWELL.