

(No Model.)

W. VOGLER.
PILLOW OR CUSHION.

No. 527,634.

Patented Oct. 16, 1894.

Fig. 1.

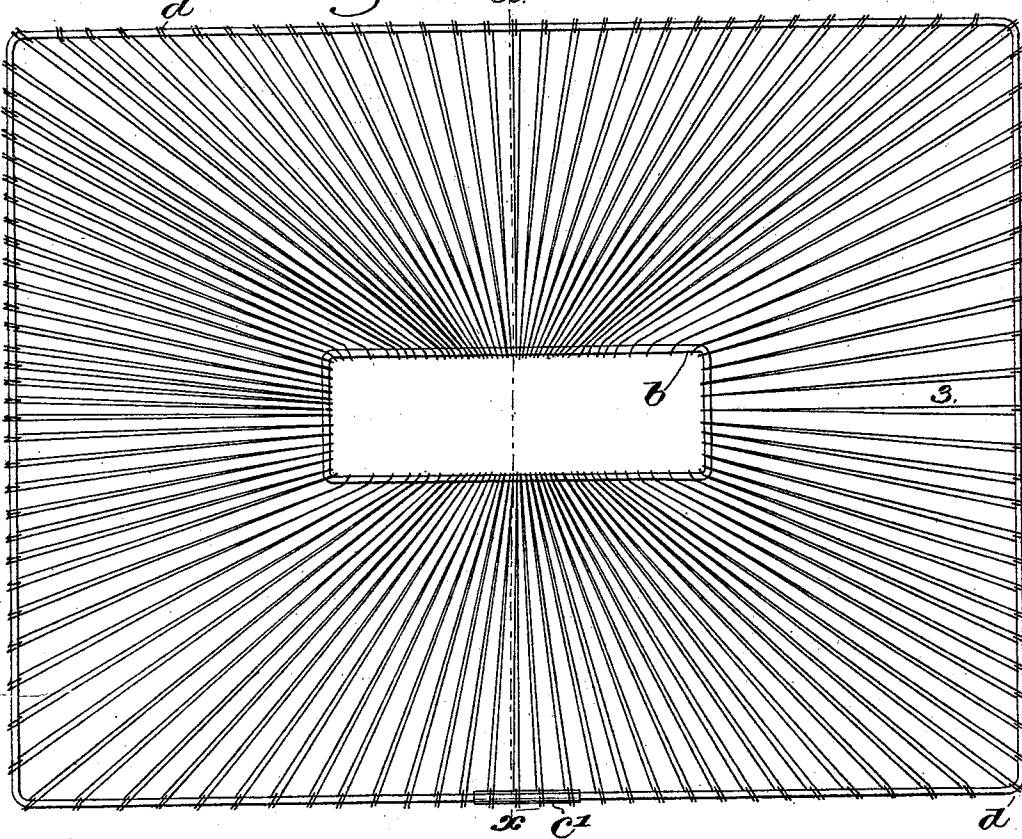
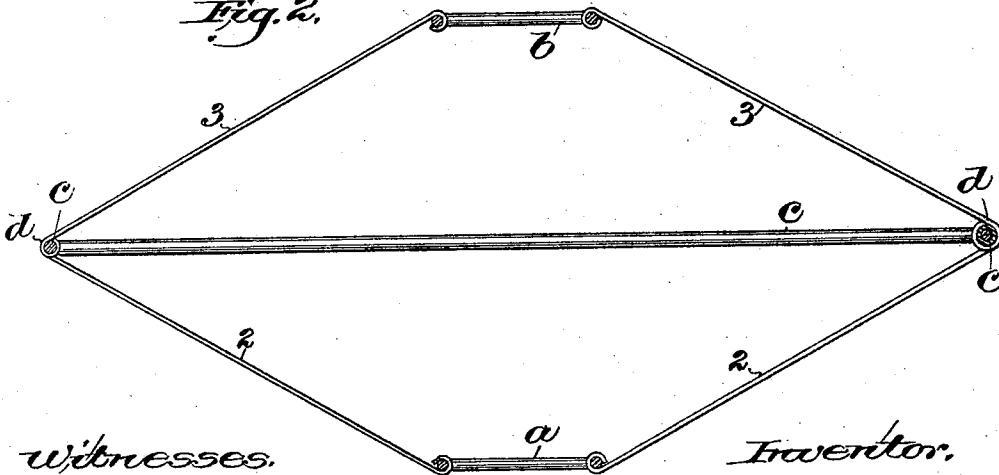


Fig. 2.



Witnesses.

Louis M. Howell
Edward F. Allen

Inventor.

William Vogler;
by Henry Gregory attys.

UNITED STATES PATENT OFFICE.

WILLIAM VOGLER, OF SOMERVILLE, MASSACHUSETTS.

PILLOW OR CUSHION.

SPECIFICATION forming part of Letters Patent No. 527,634, dated October 16, 1894.

Application filed July 29, 1893. Renewed May 2, 1894. Serial No. 509,849. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM VOGLER, of Somerville, county of Middlesex, State of Massachusetts, have invented an Improvement in
5 Pillows or Cushions, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts.

10 Pillows and cushions are commonly filled with feathers, hair, and other material. The feathers are very soft, and as does the hair, they retain the heat of the person, and are, therefore, objectionable.

15 Attempts have been made to utilize metal in pillows and cushions, and wire cloth has been so employed to some extent.

My invention has for its object the production of a novel pillow or cushion composed
20 of metal, the same consisting of bottom and intermediate frames or sections one of which is expansible, the said frames being connected together by preferably a series of spring wires or ribs, the parts being so constructed and assembled that when weight is
25 applied to the pillow or cushion to compress its series of springs one of the frames which is expansible expands and permits the top of the pillow or cushion to descend and conform
30 in part to part of the form resting against or on the pillow or cushion.

Figure 1 in top or plan view shows a pillow or cushion embodying one form of my invention, and Fig. 2, a section in the line $x-x$
35 Fig. 1.

My improved pillow or cushion is shown as composed of a bottom frame a , a top frame b , and a central frame c , the latter frame, in the form in which my invention is herein shown,
40 being made expansible, the said frames being represented as made from wire.

The shapes or outlines of the frames a , b , c , may be varied as desired, and the size and character of the wire may be varied without
45 departing from my invention so long as one of the three points to which the springs are

connected is free to yield or expand as the springs are depressed.

The wire of which the frame c is made has its free ends extended loosely into preferably
50 a guiding sleeve c' , shown only in Fig. 1, into which said ends enter loosely and slide when the pillow is in use.

The frame c has connected to it a series of steel wire springs d , the arms 2, 3, of said
55 springs being connected respectively with the frames a and b , the central parts of the said springs, and also preferably the free ends of the wire springs being wound about said frames.

In use pressure or weight on the top of the pillow or cushion causes the part pressed upon to descend, and in so doing the expansible frame c yields, the ends of the said
60 frame c , as herein illustrated, drawing at such time out of the collar c' the pillow or cushion, adapting its surface to the requirements of the weight upon it.

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

1. A pillow or cushion composed of three frames or sections, one of which is expansible, and a series of spring wires connecting the same together, the expansible frame expanding
75 under the action of the weight upon the pillow or cushion, substantially as described.

2. A pillow or cushion composed of three frames or sections one of which is expansible, and located in different horizontal planes, and a series of spring wires each connected to all of the frames, the expansible frame expanding
80 under the action of the weight upon the pillow or cushion, substantially as described. 85

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM VOGLER.

Witnesses:

GEO. W. GREGORY,
LAURA MANIX.