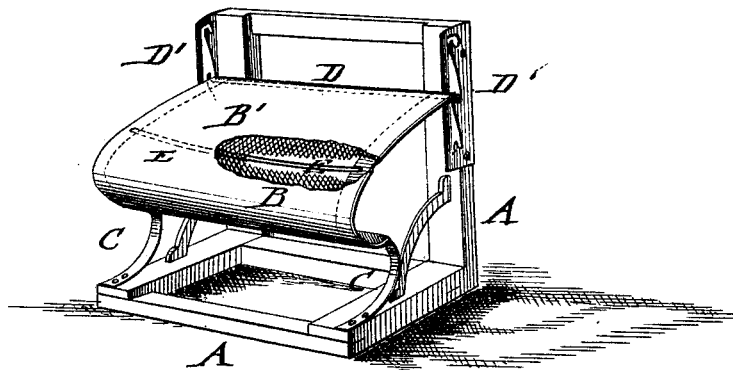


J. BEAMER.
SPRING-PILLOW.

No. 180,827.

Patented Aug. 8, 1876.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JACOB BEAMER, OF MANOR STATION, PENNSYLVANIA.

IMPROVEMENT IN SPRING-PILLOWS.

Specification forming part of Letters Patent No. **180,827**, dated August 8, 1876; application filed May 27, 1876.

To all whom it may concern:

Be it known that I, JACOB BEAMER, of Manor Station, in the county of Westmoreland and State of Pennsylvania, have invented a new and Improved Pillow, of which the following is a specification:

The accompanying drawing represents a perspective view of my improved wire spring-pillow.

The object of my invention is to furnish, in place of the feather pillow, an improved wire spring-pillow, that is conducive to sound and healthy sleep by keeping the head cool, and admitting pure air to the back of the same, which is of special advantage in fevers and affections of the brain. The spring-pillow may also be readily adjusted to any height, and forms a clean, neat, and pliable support in the lying and upright position of the body.

The invention consists of a wire-cloth stretched on curved band-springs, which are attached at the lower ends to a suitable supporting-frame, and at the upper ends, by a cross-strip, to upright rack-bars. The supporting-springs are laterally braced by a curved stiffening-rod.

In the drawing, A represents the supporting-frame of my improved pillow; B, the wire-cloth, which is stretched laterally over the supporting S-shaped band-spring C, the wire-cloth being extended over the upper and longer parts, and down to about the middle of the curved parts of the springs, as shown in the drawing.

The wire-cloth is covered with a layer, B', of perforated felt or other fabric, with which it furnishes a comfortable and pliable support for the head, while it keeps the same cool by admitting the free access of air to the part of the head resting thereon.

The lower ends of springs C are firmly attached to the base part of frame A, which is placed in position into the bedstead, to be

used in place of the feather pillow. The upper ends of the side springs C are connected by a lateral rod, D, of wood or metal, that is seated at any suitable height into the racks D' of the upright posts of frame A. The wire pillow may thereby be raised or lowered, as required. It furnishes, by raising the pillow to sufficient height, a yielding, cool, and pleasant back-support in case of sickness, which is in every way preferable to the bolstering up of the back by the hot feather pillows.

The springs C are further connected at the middle part of the wire-cloth by a stiffening brace-rod, E, that prevents the independent sway of the springs, and imparts greater strength to the whole. The brace E is slightly bent or concaved, to be out of the way of the caving in of the stretched wire-cloth.

The wire pillow form thus a stiff, yet elastic, support for the head or back, that is easily kept clean, and not liable to get out of order, being durable, comfortable, and healthy.

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

1. A pillow made of wire-cloth, stretched and supported on side band-springs, substantially as specified.

2. A pillow made of wire-cloth, covered with perforated felt or other fabric, and supported and stretched on side springs, substantially as specified.

3. The combination of a wire spring-pillow, having lateral top rod, with supporting racks, to raise or lower the pillow, substantially as specified.

4. A wire spring-pillow, having a lateral spring-connecting brace-rod, substantially as specified.

JACOB BEAMER.

Witnesses:

JOHN W. SHERBONDY,
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