

E. L. GRABLE.
Spring-Pillows.

No. 200,281.

Patented Feb. 12, 1878.

Fig. 2.

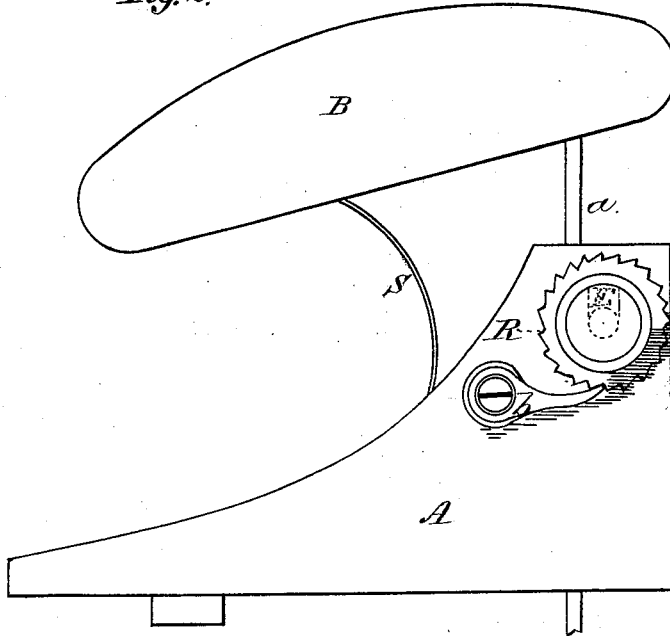
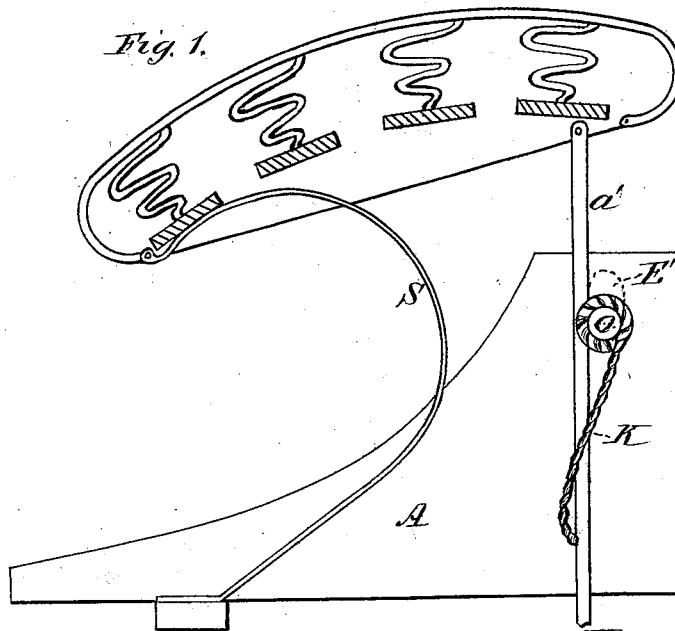


Fig. 1.



Witnesses:

*W. L. Gillmore
D. A. J. Hatfield*

Inventor:

*Edward Grable
by Jno M Cutmen
his Attorney*

UNITED STATES PATENT OFFICE.

EARHART L. GRABLE, OF MANOR STATION, PENNSYLVANIA.

IMPROVEMENT IN SPRING-PILLOWS.

Specification forming part of Letters Patent No. **200,281**, dated February 12, 1878; application filed June 4, 1877.

To all whom it may concern:

Be it known that I, EARHART LUCIAN GRABLE, of Manor Station, Westmoreland county, State of Pennsylvania, have invented a Spring-Pillow, of which the following is a specification:

My invention relates to a pillow adjustable at various heights and inclinations or angles, and suitable for either an invalid-pillow or for ordinary use; and the improvements I have made therein consist in the construction of a pillow of any approved material superposed upon a bed of spiral or other springs; also, in the construction of a supporting-frame provided with openings for the passage of two or more elevating-rods, and the connecting of the front portion of the pillow with the front portion of the frame by means of C-shaped springs, to the end that, when the rear of the pillow is elevated or depressed, the front may constantly maintain the same relative position; also, in the provision of a rod or roller fitted with ratchet and pawl, and connected with the elevating-rods by means of cords or other suitable devices for the elevation of the rear portion of the pillow.

In the accompanying drawings, Figure 1 is a cross-sectional view of my improved pillow. Fig. 2 is an end view of the same, showing the means of elevation.

As shown by the drawings, A represents the frame of my pillow, the raised rear portion of which is provided with openings for the admission of the vertical elevating-rods *a a'*. Upon the front of the frame I make fast the lower ends of the C-shaped springs S S, and make their upper ends fast to the front of the frame of the spring-pillow B. The spring-pillow B I construct with a frame of wood or other approved material, of any design, and fit it with spiral or helical or any other form of spring, covering the whole with any approved material. The rear portion I make fast to the upper extremities of the elevating-

rods *a a'*. I make fast upon the exterior of the frame A the pawl *b*, and pass through the slots E E' the rod or roller O. This roller I provide with a handle or knob, and place upon it the ratchet R, meshing upon the pawl *b* when at rest, and cleared from contact therewith when the rod is lifted in the slot. I connect, by means of cords K, this roller with the elevating-rods, and the rotating of the roller elevates the pillow, which is kept in place by means of the pawl *b* upon the ratchet R.

To lower the pillow I lift the rod or roller in the slot. This clears the ratchet from the pawl, and the pillow descends by force of gravity.

I do not confine myself to the form of device herein described for elevating the pillow; but the elevating-rods may be replaced with racks meshing into pinions upon the rod or roller.

The pillow thus constructed forms a clean and cool support for the head or the upper portion of the body. In case of illness, the position of the patient may be changed by the attendant without the necessity of touching or disturbing the invalid.

I claim as my invention—

1. The supporting-frame A, provided with the elevating-rods *a a'*, the cords K K, the roller O, pawl *b*, slots E E, and ratchet R, all constructed and operated as and for the purpose set forth.

2. The combination of the spring-pillow B with the frame A and springs S S, the whole constructed as shown and described, and for the purpose set forth.

In testimony that I claim the foregoing as my invention I have hereunto set my hand in presence of two subscribing witnesses this 4th day of January, A. D. 1877.

EARHART LUCIAN GRABLE.

Witnesses:

H. F. LUDWICK,
DANIEL STEINER.