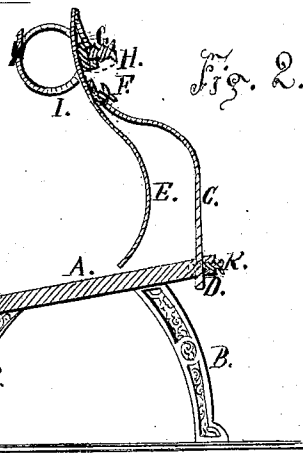
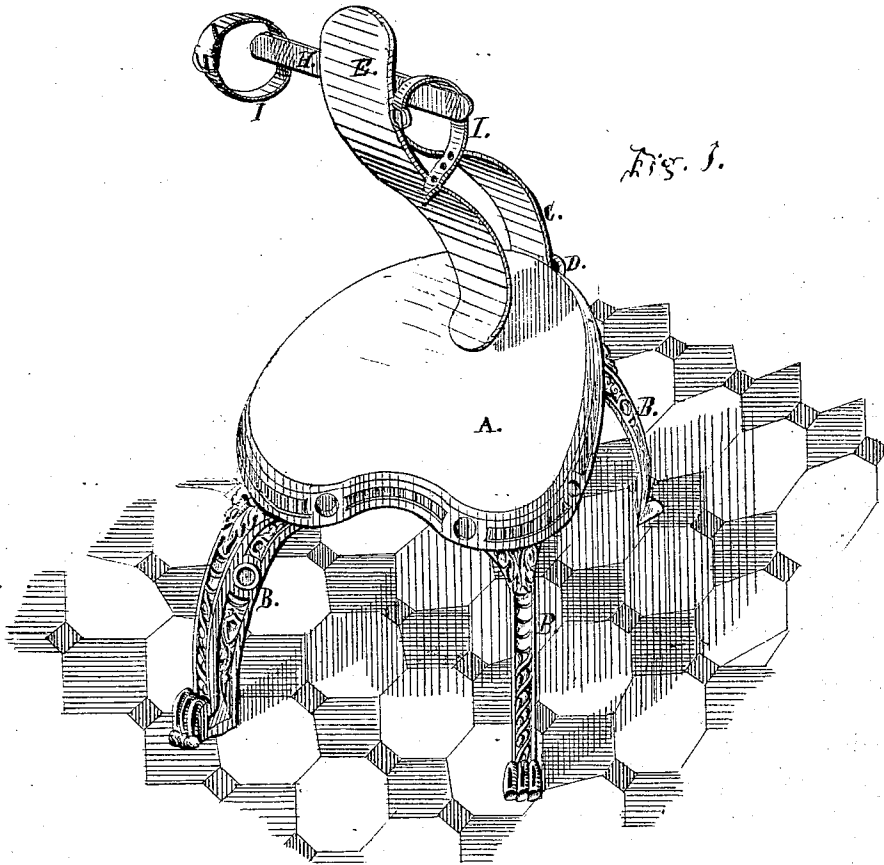


SAMUEL W. COZZENS.

Improvement in Sewing-Machine Chairs.

No. 127,578.

Patented June 4, 1872.



Witnesses:
F. C. Smith.
J. B. Smith

Inventor:

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UNITED STATES PATENT OFFICE.

SAMUEL W. COZZENS, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN SEWING-MACHINE CHAIRS.

Specification forming part of Letters Patent No. 127,578, dated June 4, 1872.

SPECIFICATION.

I, SAMUEL W. COZZENS, of Milwaukee, in the county of Milwaukee, in the State of Wisconsin, have invented certain Improvements in Sewing-Machine Chairs, of which the following is a specification:

Nature and Object of the Invention.

My invention is a chair with a portable or separate back, self-adjustable within and of itself by reason of its being made from any springy or elastic substance, and is constructed so as to support the muscles of the back, and more particularly the spinal column of any person operating a sewing-machine, the said support being more particularly obtained by reason of the peculiar shape or form of the said back, as well as from its self-operating adjustable qualities, to be attached permanently or temporarily to any chair-bottom or stool by such means as will admit of its being easily removed, or adjusted to the peculiar height of the operator by raising or lowering the same, said back to be constructed of one, two, or more springs, either attached to each other or separate, when accomplished by the spring in the center of back, as shown.

Description of the Drawing forming part of the Specification.

Figure 1 is a perspective view of my invention, and Fig. 2 is a vertical sectional view.

General Description.

A is the chair-seat; C, a spring, attached to the back of the chair-seat by a set-screw, or in any other manner; D, a set-screw, passing through bracket K, and through or against the lower end of spring C; E, a spring-back,

of peculiar shape, and fitted and fastened to the spring C; F, a set-screw or bolt, attaching E to spring C. This spring E may be fastened to spring C in any manner thought best; G, a keeper, on the back of spring C, to hold a strip, H, on the ends of which are straps I, through which the arms of the operator may be passed. This strip H and straps I may be used or not, and may be attached or detached, as thought best; G, a set-screw, to hold the piece H in position. The front legs of this chair are shorter than the hind legs, giving the seat A a forward pitch.

The operation of this chair is easy and convenient. The spring C is put in position and secured to the seat, and the spring E is secured to the end of spring C, the lower end of spring E striking the operator at the base of the spinal column, and by its peculiar shape fits and supports the muscles of the spinal column and back, which, in combination with the forward pitch of the seat of the chair, is calculated to render the operation of running a sewing-machine much easier than in the use of an ordinary chair, and the strip H and straps I are calculated to be used with the chair whenever the operator desires a more erect position or expansion of the chest.

Claims.

1. The back, consisting of the springs C and E, constructed as described, in combination with the seat A.
2. The brace H, in combination with the back E C and seat A, as described.

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Witnesses:

F. E. SMITH.
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