F. Neuhaus,

Tailors' Seat.

No. 80,991. Patented Aug. 11, 1868.

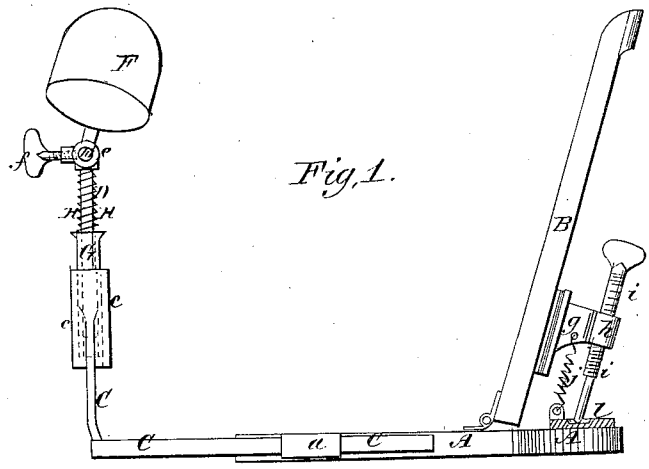
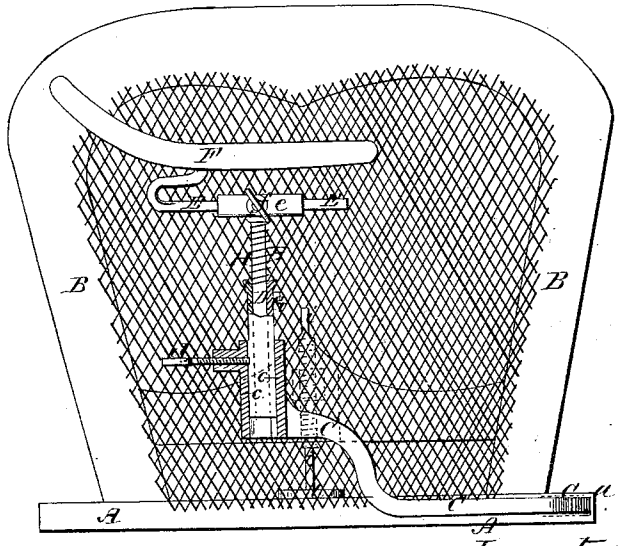


Fig. 1.

Fig. 2.



Witnesses.

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FRIEDRICH NEUHAUS, OF BELLEVILLE, ILLINOIS.

Letters Patent No. 80,991, *dated August* 11, 1868.

IMPROVED TAILORS' SEAT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, FRIEDRICH NEUHAUS, of Belleville, in the county of St. Clair, and State of Illinois, have invented a new and useful Improvement in Tailors' Seats; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side elevation, partly in section, of my improved tailors' seat.

Figure 2 is a front elevation, partly in section, of the same.

Similar letters of reference indicate like parts.

This invention relates to certain improvements on the tailors' seat for which Letters Patent were granted to me on the second day of June, 1868.

The present invention consists, first, in providing the hinged back-support of a tailor's seat with an adjustable elastic gauge, by which its degree of inclination can be regulated. This gauge consists of a screw and spring, so applied that the aforesaid result will be obtained.

The invention consists, second, in so connecting the leg-support with the bar that holds it, that the said leg-support may be elastic, and also up-and-down adjustable.

The invention, finally, consists in bending the bar that slides on the seat and that supports the leg-support, so as to bring the leg-support opposite the middle of the seat.

A, in the drawing, represents the seat, made of suitable material, and of suitable shape, substantially in the manner indicated in the aforesaid Letters Patent.

B is the back-support, hinged to the seat, so that it can be folded down, or set to any desired degree of inclination.

On one side of the seat is formed the eye *a*, to receive the sliding bar C, as is also fully described in the aforesaid Letters Patent.

The bar C is bent so as to bring its vertical socket or eye *c* nearly opposite the middle of the seat, and not quite so near to one side of the same as in my former patent.

D is the rod, which has the horizontal socket or eye *e* to receive the bar E, on which the narrow cushion F is arranged. By means of the set-screw *f*, or its equivalent, the bar E can be clamped in the tube *e*. The bar D is of prismatic form, and fits into a pipe, G, with corresponding bore, which pipe works up and down in the socket *c*. Between the upper end of the pipe G and a shoulder or projection of the bar D is a spiral spring, H, wound around D, as shown. The pipe G can be clamped in the tube *c* by means of a set-screw, *d*, as shown.

By this combination of the parts C, D, G, and H, the leg-support F will always be elastic, and still at the same time be up-and-down adjustable.

The rod D is prismatic, so that it cannot turn in the pipe G, while it can be turned with the same when the latter is released by the screw *d*.

By having the bar C curved, to bring the cushion F nearly opposite the middle of the seat, the position of the occupant will be more comfortable.

The rod or bar E, I prefer to have round, so that it can turn in the socket *e* around its own axis.

From the rear of the back-support B projects an arm, *g*, on which a nut, *h*, is formed or held. A screw, *i*, is fitted through this nut, and opposite the lower end of this screw is secured upon the seat a metal or other step, *l*, as is clearly shown in fig. 1.

j is a spiral or other spring, connecting a projection from the back, B, with the seat, as shown.

When the person occupying the seat reclines against the back-support B, the spring will be compressed, and will make the back-support elastic, the screw acting as a gauge to prevent inclination of the back, B, beyond a certain desired point.

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

1. The combination of the leg-cushion F with the bar E, socket *e*, rod D, pipe G, socket *c*, and spring H, all made and operating substantially as herein shown and described, for the purpose of making the said cushion at once elastic and adjustable.

2. The combination of the seat A and hinged seat-back B with the spring *j*, arm *g*, and gauge-screw *i*, all operating substantially as herein shown and described.

FRIEDRICH NEUHAUS.

Witnesses:

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