2 Sheets--Sheet 1.

G. D. GOSS.

Mechanism for Supporting Leg-Rests for Chairs.

No. 167,095. Patented Aug. 24, 1875

Fig 1

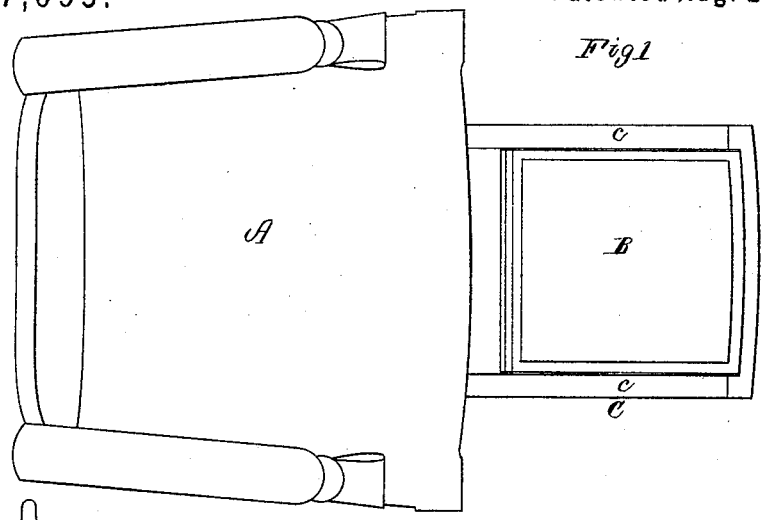


Fig. 2.

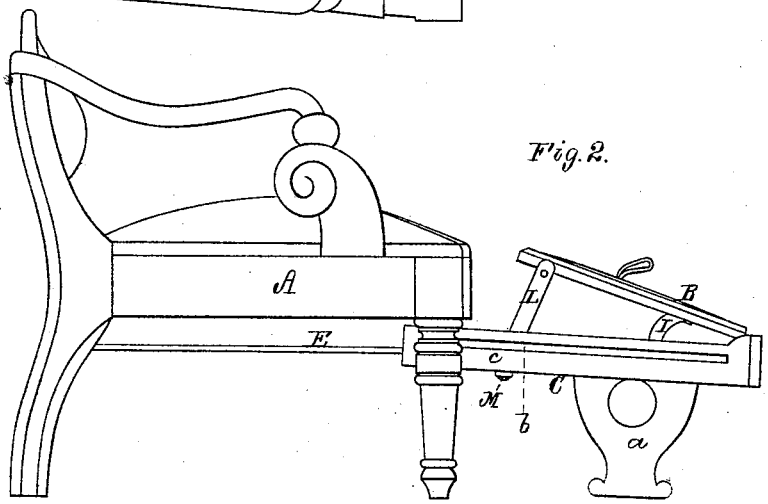
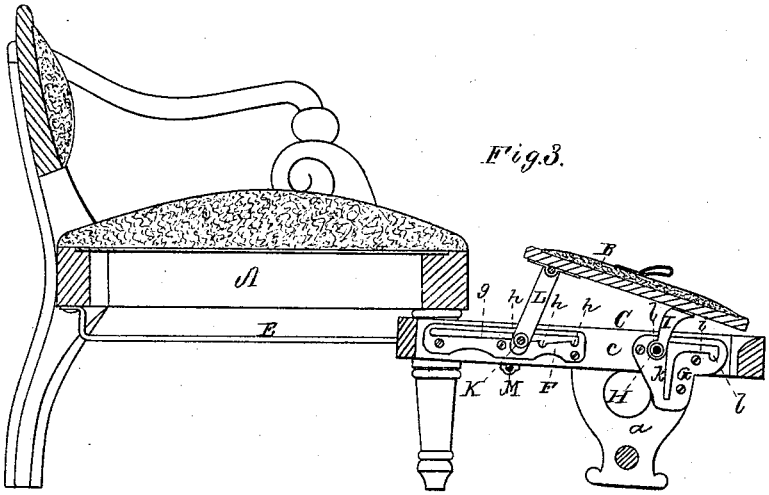


Fig. 3.



Witnesses.
S. N. Piper
L. N. Fowler.

George D. Goss.
by his attorney.
N. Holden

2 Sheets--Sheet 2.

G. D. GOSS.

Mechanism for Supporting Leg-Rests for Chairs.

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Fig. 4

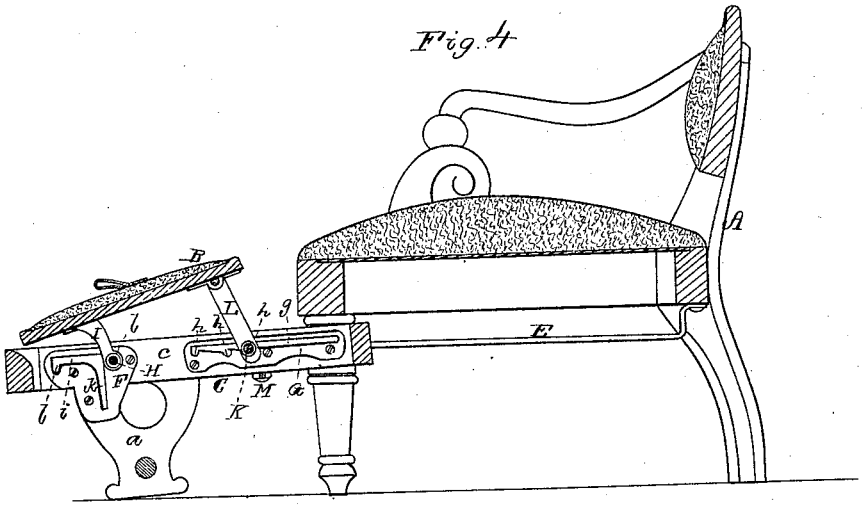
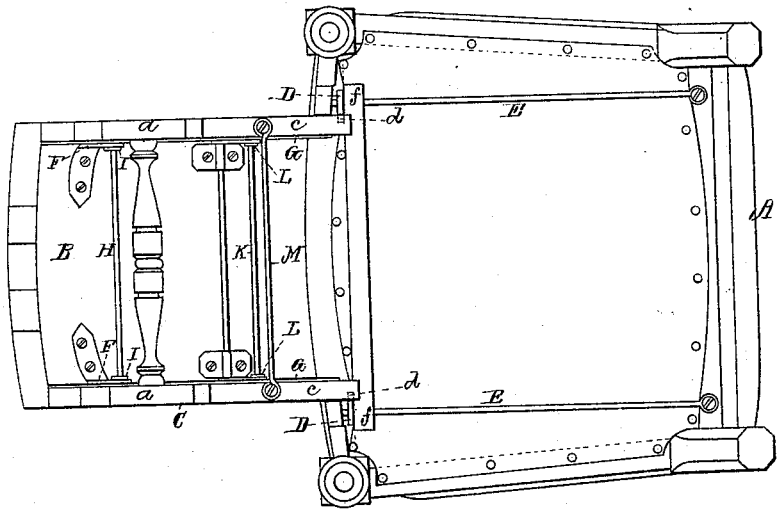


Fig. 5.



Witnesses.

S. W. Pyper.

L. N. Fowler.

George D. Goss.

by his attorney

R. H. Eddy

UNITED STATES PATENT OFFICE.

GEORGE D. GOSS, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN MECHANISMS FOR SUPPORTING LEG-RESTS FOR CHAIRS.

Specification forming part of Letters Patent No. **167,095**, dated August 24, 1875; application filed June 1, 1875.

To all whom it may concern:

Be it known that I, GEORGE D. GOSS, of Boston, of the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Mechanism for Supporting the Leg-Rest of a Chair; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side elevation, Figs. 3 and 4 longitudinal sections, and Fig. 5 an under-side view, of a chair provided with my invention, the slide-frame being shown as drawn out, and the leg-rest as elevated.

My invention relates to means of supporting a leg-rest, or connecting it with a slide-frame, and also to means of applying the latter to a chair, the whole being to enable the leg-rest to be set into various different positions when the frame is run out, or to be folded down within the frame, and with it pushed back entirely underneath the chair.

In such drawings, A denotes the chair, provided with the leg-rest B and the supporting slide-frame C, the latter having a pair of sustaining-legs, *a a*, projecting down from it, in manner as shown. The slide-frame has a long groove, *b*, made lengthwise in the outer side of each of its two opposite side bars *c c*, such grooves being to receive studs *d d*, projecting from brackets D D affixed to the chair. The slide-frame C also has ears or projections *f f*, extending from it at its rear corners, such ears or projections being perforated to receive two guide-rods, E, arranged parallel to each other, and fixed to the brackets and to the chair.

These brackets not only serve as supports for the rods, but, with the ears, they act as stops to arrest the forward movement of the slide-frame.

From the above it will be seen that the grooves and studs and the ears and rods support the slide-frame, and admit of it being moved from underneath the chair out into the position as represented in the drawings. They also enable the frame to be readily moved in or out without sticking or binding, or with little or no lateral sway to produce such.

There are attached to the inner face of each of the side bars of the said frame two plates, F G, each having slots, and also notches leading out of such slots, as shown. While each back plate G has a single straight slot, *g*, provided with three notches, *h h h*, each front plate F has two slots, *i k*, one of which is horizontal, and the other nearly vertical and leading out of the first, there being a notch, *l*, at each end of the upper slot. The slots of the front plates F receive the ends of a rod, H, supported by stationary arms I I that project down from the leg-rest B. Another such rod, K, supported by arms L L, pivoted to the leg-rest at its rear part, extends into the slots of the hook-plates G G. Furthermore, below the plates G G the slide-frame C is furnished with a rod, M, extended transversely across it, and arranged as represented.

In consequence of the rear arms L L being pivoted to the leg-rest, they may be moved so as to carry their rod K into any pair of fellow notches of the plates G G, while the rod H may be in either fellow pair of notches of the plates F F, whereby the leg-rest may be adjusted to various inclinations.

By moving the rod H down the slots *k*, and the rod K back to the rear ends of the slots *g*, the leg-rest will be brought down into a horizontal, or nearly horizontal, position, and upon the support-rod M, in order to enable the slide-frame and the leg-rest to be pushed in entirely underneath the chair. Furthermore, the leg-rest may be dropped or set into one or or more inclined positions within the slide-frame.

I claim as my invention as follows, viz:

1. The slide-frame C, provided with the grooves *b* and perforated ears *f*, in combination with the chair A, provided with the studded brackets D and the support-rods E, all being arranged and applied as set forth.

2. The leg-rest B and its two rods H K, (one being supported by stationary and the other by pivoted arms, as described,) in combination with the slide-frame C and the slotted and notched plates F F G G, applied to it as set forth.

3. The combination of the rod M, slide-frame C, leg-rest B, notched plates F F G G, rods H K, and arms I L, all arranged substantially as specified.

GEORGE D. GOSS.

Witnesses:
R. H. EDDY,
J. R. SNOW.