

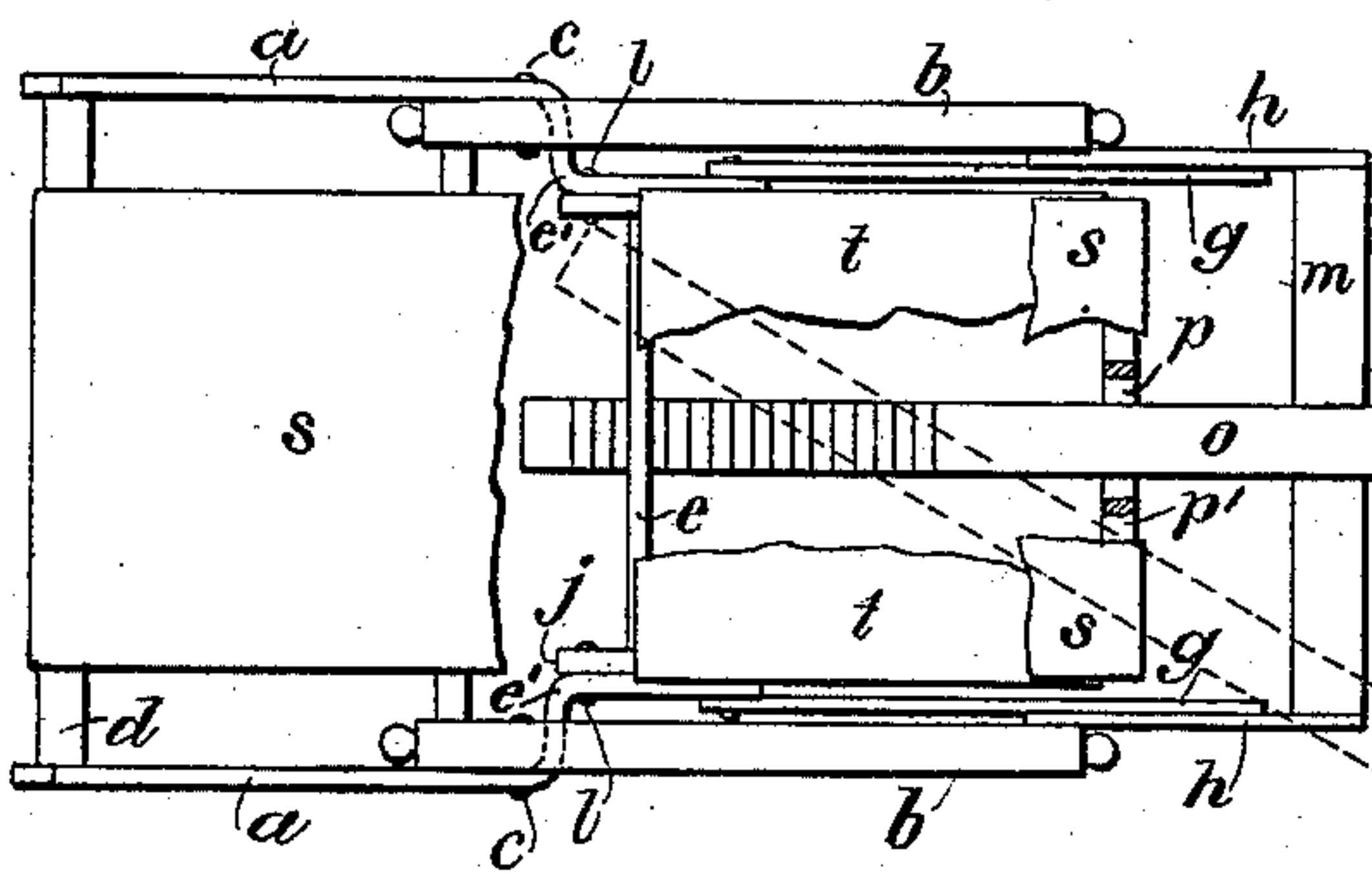
(No Model.)

I. DEPPEN.  
RECLINING CHAIR.

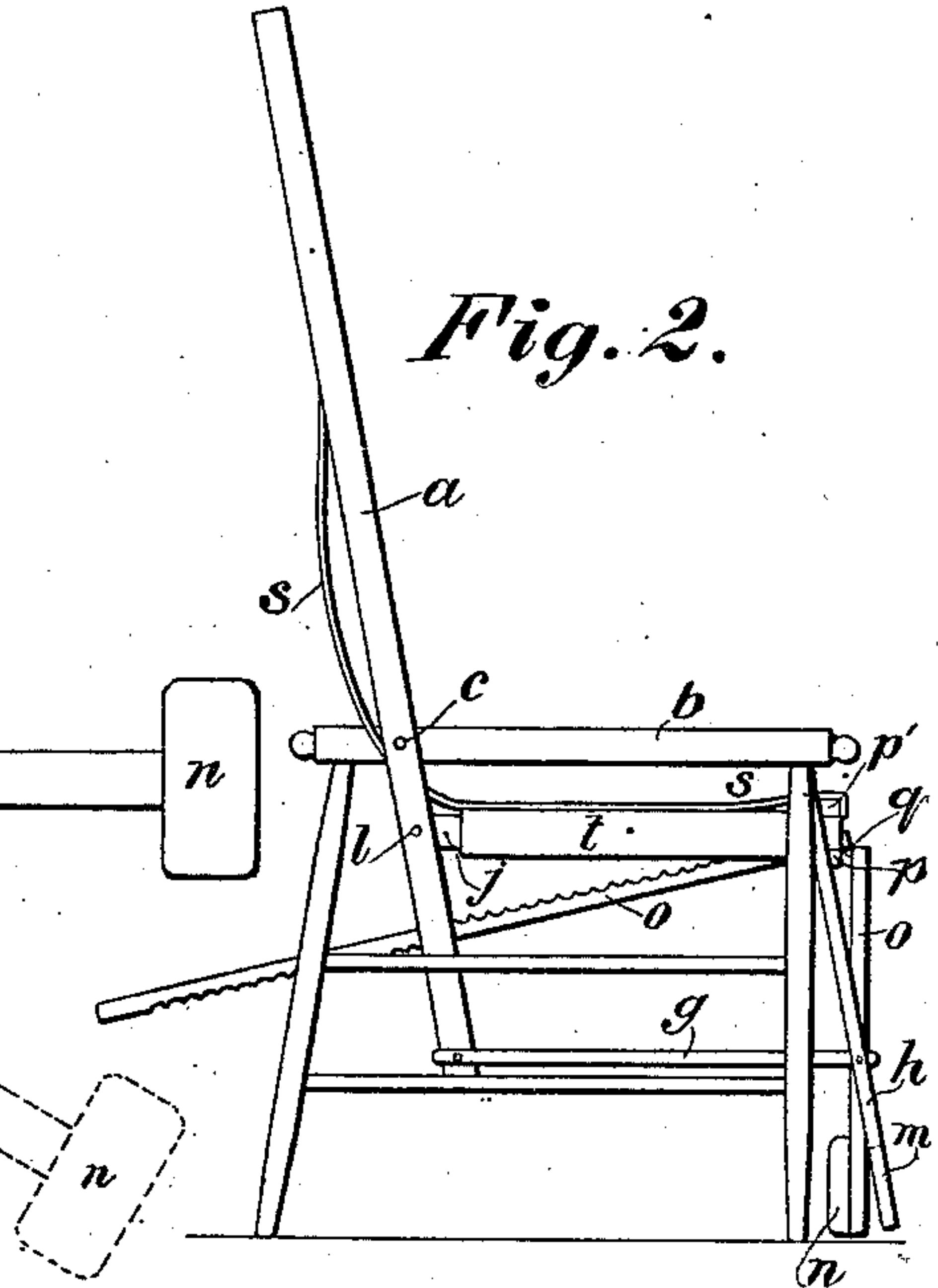
No. 294,973.

Patented Mar. 11, 1884.

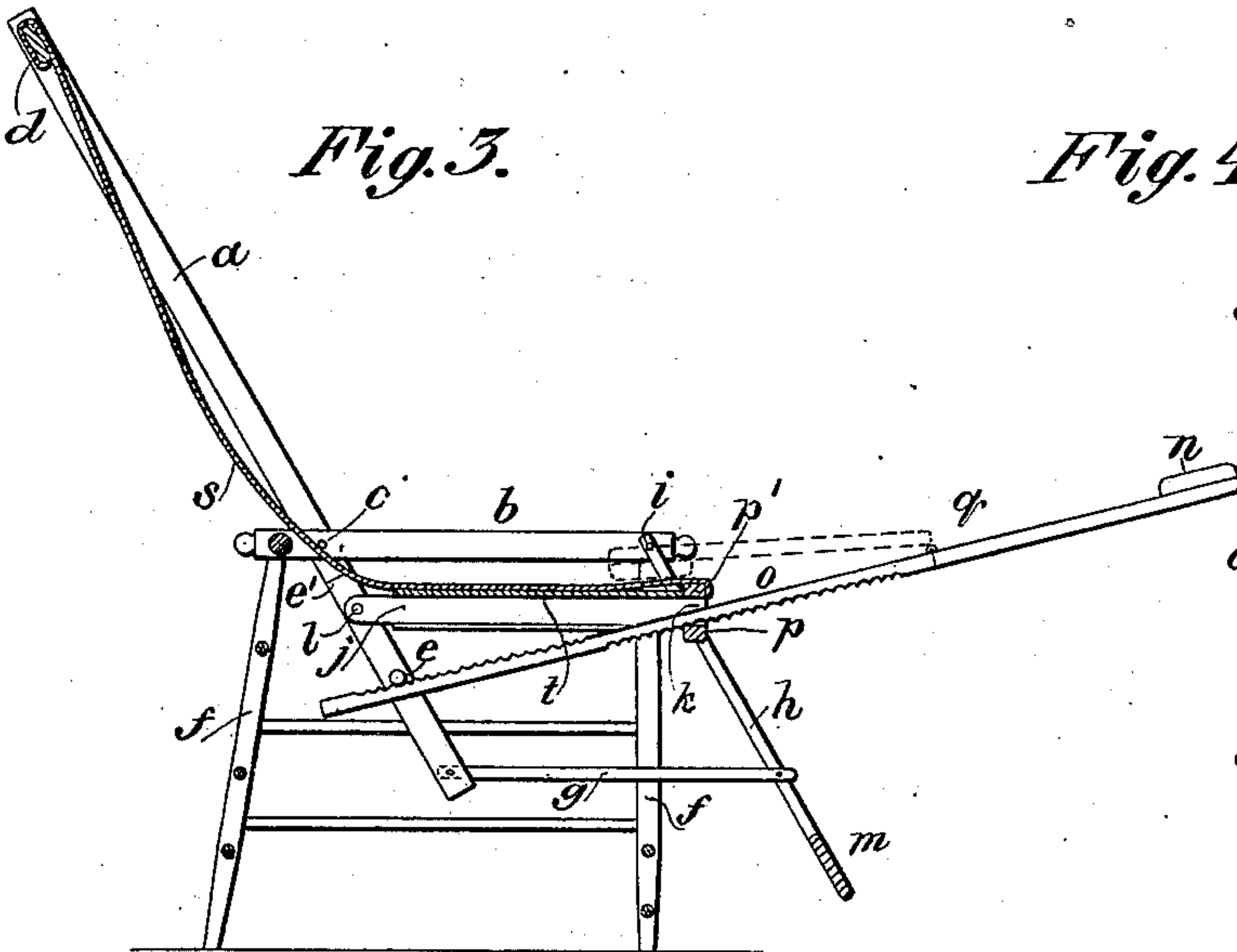
*Fig. 1.*



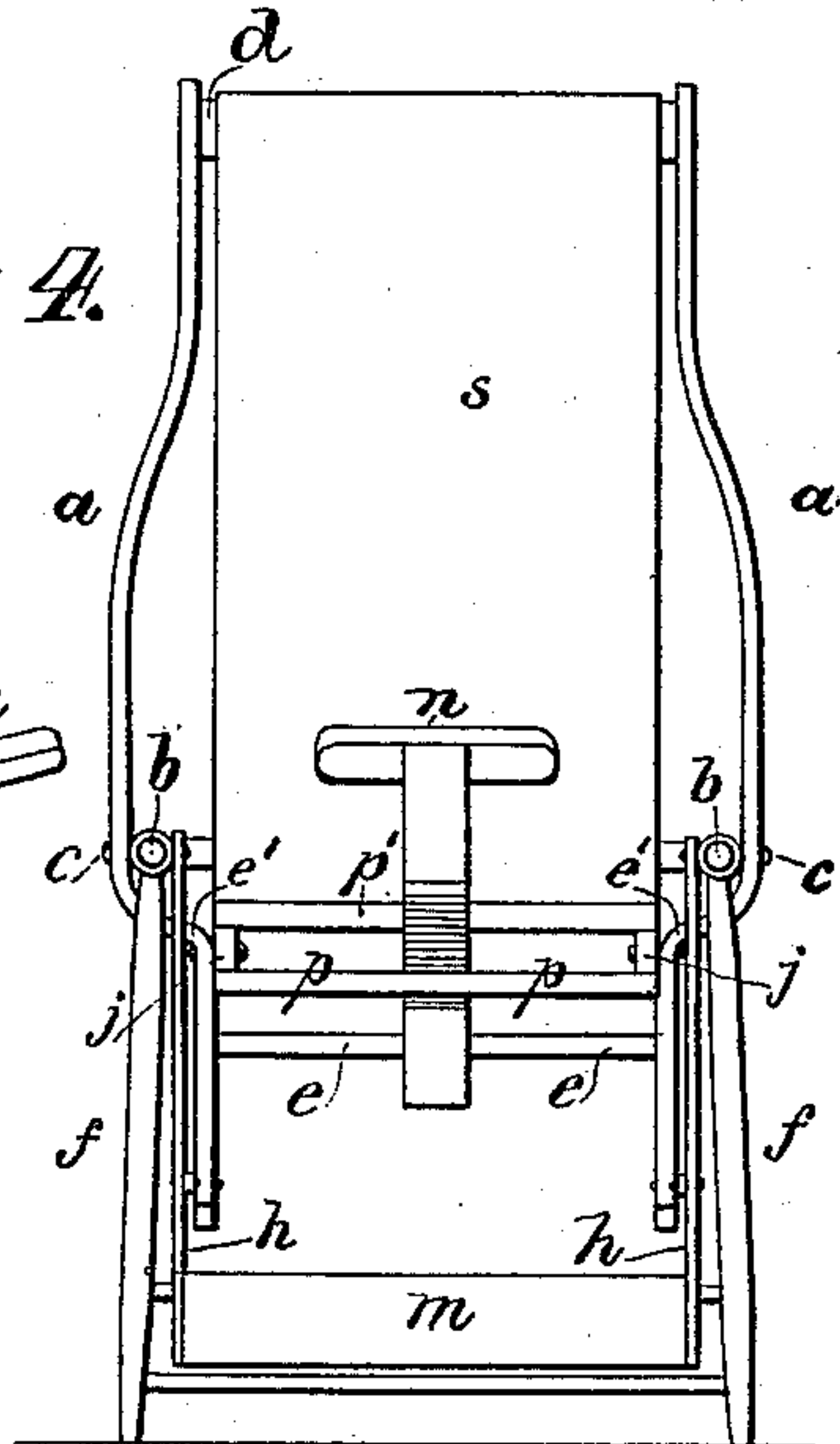
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ISAAC DEPPEN, OF HYDE PARK, PENNSYLVANIA.

## RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 294,973, dated March 11, 1884.

Application filed March 21, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, ISAAC DEPPEN, of Hyde Park, in the county of Lackawanna and State of Pennsylvania, have invented a new and Improved Reclining-Chair, of which the following is a full, clear, and exact description.

My invention consists of a simple contrivance of the back, the seat, and a swinging frame at the front, carrying a foot-rest, in a jointed arrangement with each other and with the supporting-frame, whereby the inclination of the back can be changed, at the will of the occupant, by slight movements of the body and limbs, without rising off the seat.

It also consists of an adjustable bar foot-rest, in combination with the back and front swinging frames for a holding device, to keep them in position, and for an elevated foot-rest capable of considerable lateral and lengthwise adjustment for a support for the outstretched legs of the occupant; and it also consists of a contrivance of the carpet web of the seat and back, calculated to lessen the strain on the back and make it more durable, all as herein-after fully described.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my improved reclining-chair, with a part of the web of the seat and back broken out. Fig. 2 is a side elevation, with the back set in the uppermost position and the foot-rests folded down. Fig. 3 is a sectional elevation, with the back set lower and the foot-rests elevated; and Fig. 4 is a front elevation of the chair, also showing a modified form of the side bars of the back.

The frame of the back consists of side bars, *a*, that are pivoted to the arms *b* at *c*, and of the cross-bars *d e*, the bar *d* being longer than the width between the arms *b*, so that the bars *a* connect with the outsides of the arms to make a wide and comfortable back, and below the arms the bars *a* are bent under them at *e'*, and therefrom extend downward inside of the legs *f*, and are connected by rods *g* with the foot-rest frame *h*, that is pivoted at *i* to the arms *b*, near their front ends and between them, and has the seat-frame *j* pivoted to it at *k*, said seat-frame being also arranged between the legs and arms, and being pivoted at *l* to

the back-frame, making a contrivance of parallel-bar connections between the back-frame and the foot-rest frame *h*, by which the person sitting on the chair can swing the back of the chair to suit his pleasure by simply swinging his body forward and backward. The frame *h* carries a suspended foot-rest, *m*, at its lower end, for the support of the feet when bent down from the knees, and another support, *n*, to hold them up when in an outstretched position, and a serrated rod, for fastening the back and said foot-rest *m* in any desired position. I provide a flat bar, *o*, to be inserted under cross-bar *e* and over the lower part of front seat-bar, *p*, and having the surfaces serrated or grooved suitably for preventing it from slipping on said bars, by which the weight of one or both of the legs will hold the seat and back when set, and the removal of the weight will relieve the back to allow it to be shifted. By the same connection of the bar it is readily adjustable lengthwise along the frame to extend the rest *n* or set it back toward the seat also laterally, as indicated in Fig. 1.

I make a joint, *q*, in the bar *o*, so that by turning the bar over when the chair is to be used for sitting upright and shifting it farther along under the seat the foot-rest *n* may be folded down out of the way, as in Fig. 2.

I make the back-web *s* long enough to pass forward to the upper front bar, *p'*, of the seat-frame, and connect it thereto, and fasten the edges of the seat-web *t* to the side bar, *j*, of the seat-frame, for relieving the back-web of the stress of the weight of the occupant of the chair.

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

In a reclining-chair, the combination of the leg-frame having arms *b*, the back having cross-bar *e* and side bars, *a a*, bent at *e'*, the seat-frame pivoted to said back at *l*, the foot-rest frame pivoted at *i* to arms *b* and to the seat-frame at *k*, and having cross-bar *p*, and the bar *o*, carrying foot-rest and having diagonally-opposite serrations, as and for the purpose specified.

ISAAC DEPPEN.

Witnesses:

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WM. R. WILLIAMS.