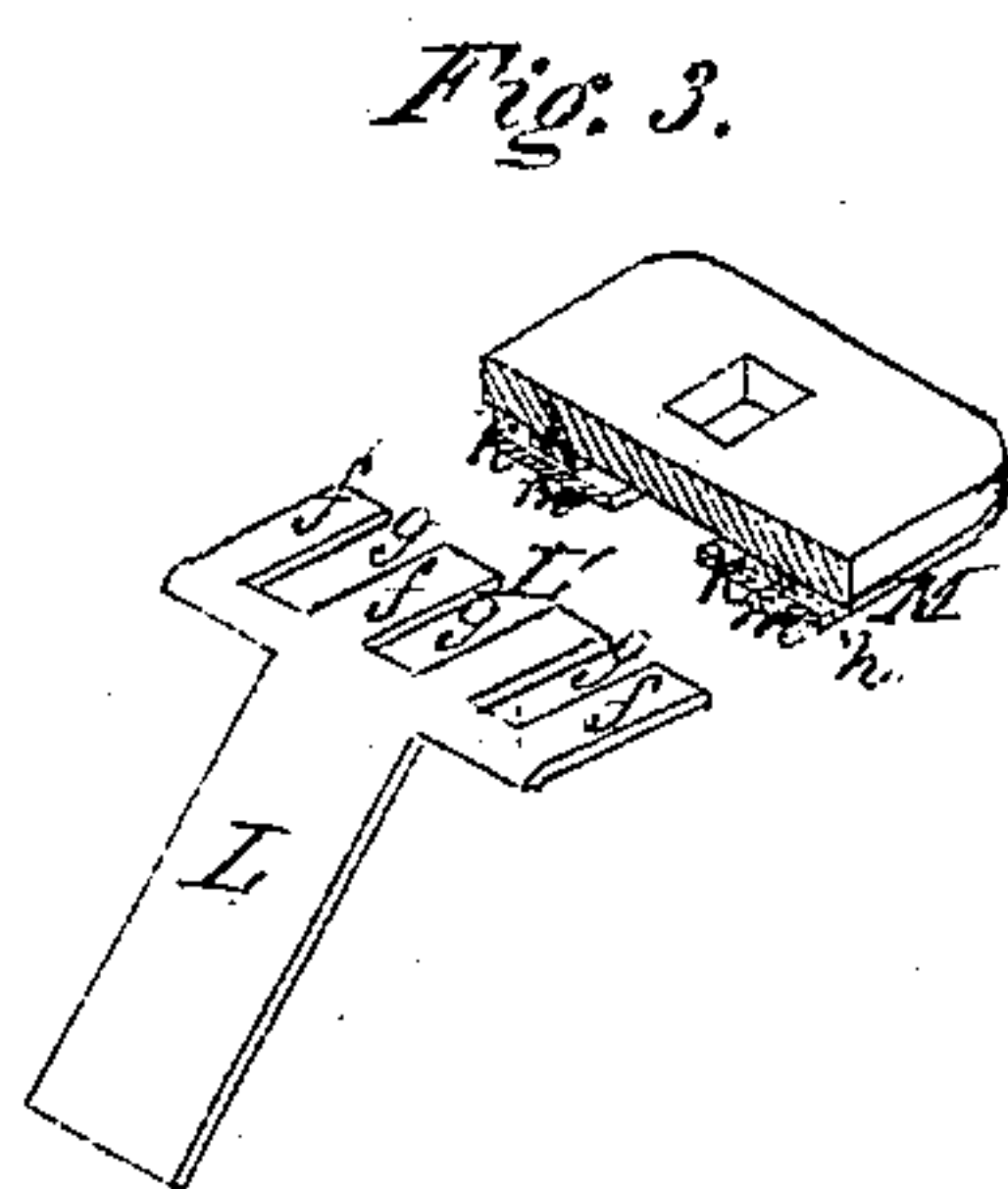
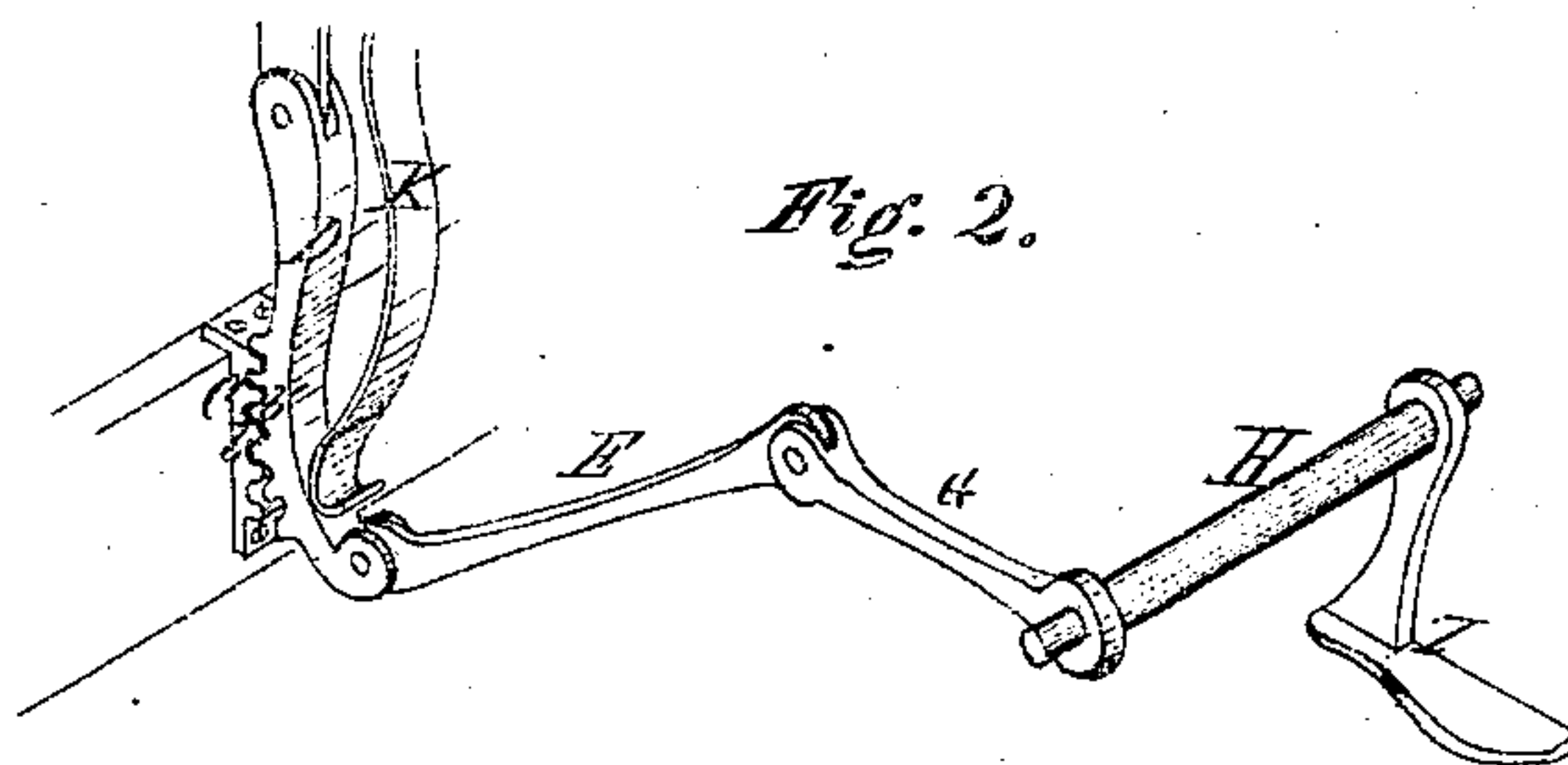
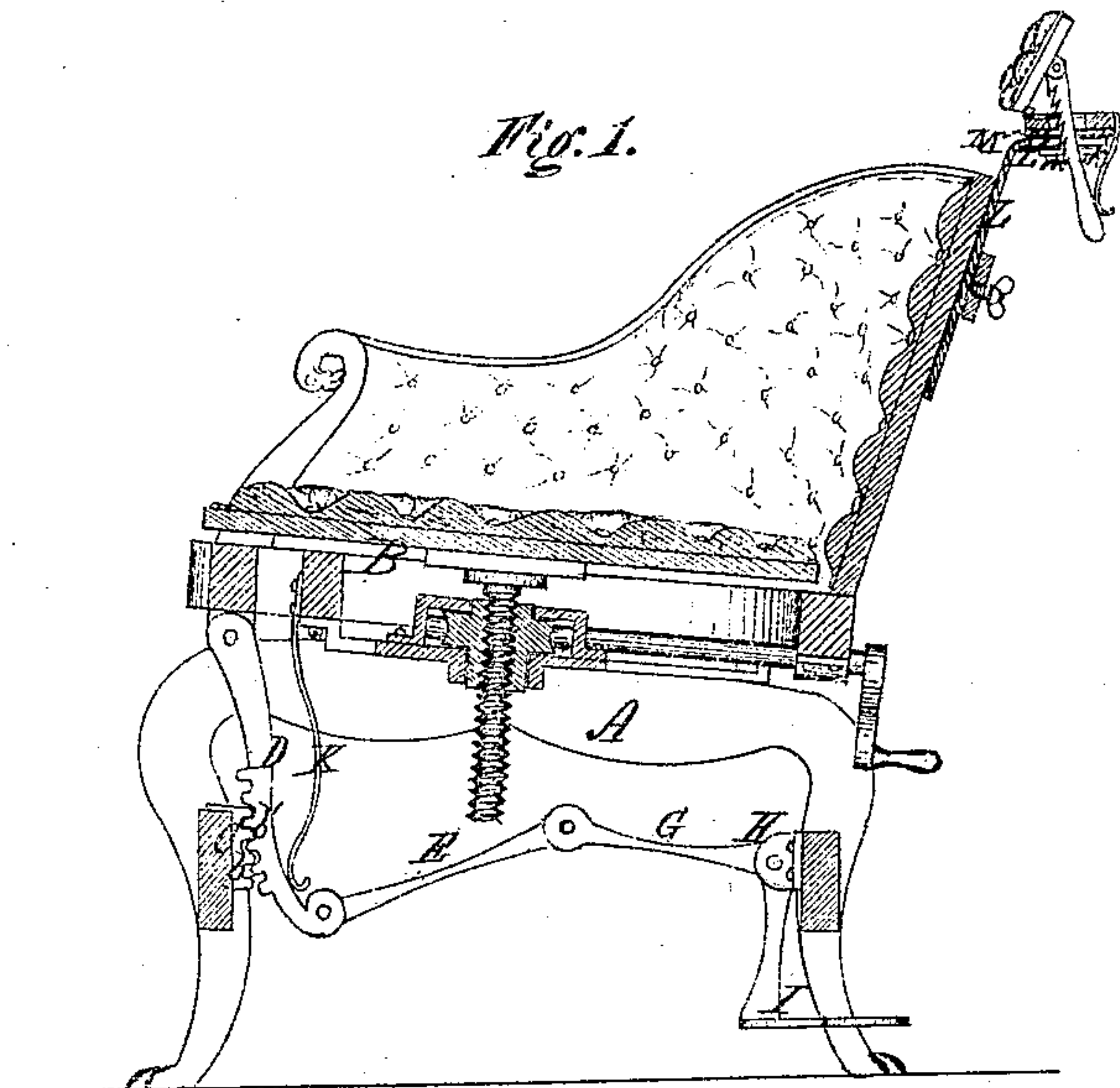


M. Leidecker,

Barbers Chair.

No. 102,688.

Patented May 3. 1870.



Witnesses.

R. F. Osgood

Geo. M. Matt

Inventor.
Michael Leidecker,
By J. Fraser & Co.,
attys

United States Patent Office.

MICHAEL LEIDECKER, OF ROCHESTER, NEW YORK,

Letters Patent No. 102,688, dated May 3, 1870.

IMPROVED BARBER AND DENTAL CHAIR.

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, MICHAEL LEIDECKER, of the city of Rochester, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Barber and Dental Chairs, of which the following is a specification.

Nature of Invention.

This invention consists in a new and improved arrangement for adjusting the angle of the chair.

General Description.

In the drawings—

Figure 1 is a sectional elevation.

Figure 2, a perspective view of the parts for adjusting the chair.

Figure 3, a similar view of the parts for adjusting the head-rest.

A is the base of the chair, and

B, the seat, pivoted so as to turn to any desired angle.

To the front cross-piece of the base is rigidly secured a catch-block, C, and to the bottom of the seat-frame is pivoted a depending pawl-arm, D.

These parts have, respectively, teeth *b b'* which engage, those on the pawl-arm being of considerable extent, to allow the desired adjustment.

To the lower end of the pawl-arm is pivoted a toggle-arm, E, connected at the opposite end with an arm, G, which forms a rigid extension of shaft H.

The latter is set in suitable bearing in the frame of the base, and has depending from it a foot-pedal, I, by which the parts are operated. This pedal comes at the rear of the chair, where the operator stands, and at the right-hand side, where it is most convenient to his reach.

On the back side of the pawl-arm rest one or more flat springs, K, attached at the top to the seat-frame, and pressing against the pawl-arm, as clearly shown. Foot-levers and ratchets are in common use for this purpose, but, as ordinarily arranged, are not equivalent to my device. I am enabled to make the engagement in the front of the chair, and centrally, and at the same time carry the connection across to the rear,

and to the right-hand corner. This brings the operating parts at the right position for the operator, and also enables the old form of the pivoted seat and base to be employed without the use of ball-and-socket joints.

The spring or springs K, combined with the pawl-arm, have a special advantage, aside from keeping the parts in engagement, inasmuch as a degree of stiffness and resistance is imparted to the back action of the disengaging arrangement, clear through to the pedal.

The head-rest standard L has its top spread into a broad lateral bearing, L'.

This is divided into a series of parallel forks or arms, *f f f*, projecting backward, in line with the chair, and having equal spaces, *g g*, between them.

The bottom of the head-rest has a metallic plate, M, with two ways or ribs, *h h*, standing out from the face, and of such size and such distance apart as to enter two of the slots *g g*, between the forks *f f*, closely filling the space.

On the faces of these ways rest clamp-lugs, *k k*, overlapping the forks *f f*, to which they clamp, to hold the head-rest in place, by means of screws *m m*.

By simply setting the head-rest out or in, more or less, I can get the longitudinal adjustment, and, by drawing out, and inserting in other positions, I attain the desired lateral adjustment. This arrangement, while it allows the desired adjustment, holds the head-rest in position much more securely than in other arrangements, as no slipping or sliding can occur.

What I claim, and desire to secure by Letters Patent, is—

The arrangement of the toothed block C, pawl-arm D, spring or springs K, toggle-arms E G, shaft H, and pedal I, when combined with the parts A B of the chair, in the manner described, and for the purpose specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

MICHAEL LEIDECKER.

Witnesses:

R. F. OSGOOD,

GEO. W. MIATT.