(No Model.)

G. KNECHT.

BARBER'S CHAIR.

No. 370,877. Patented Oct. 4, 1887.

Fig. 1.

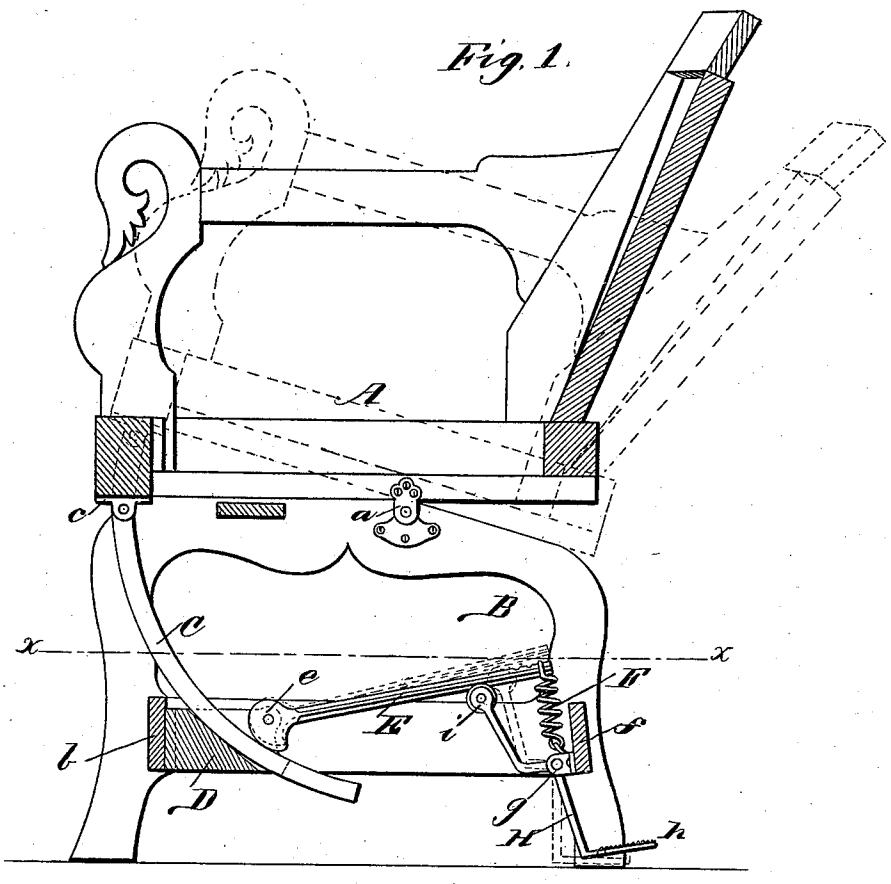
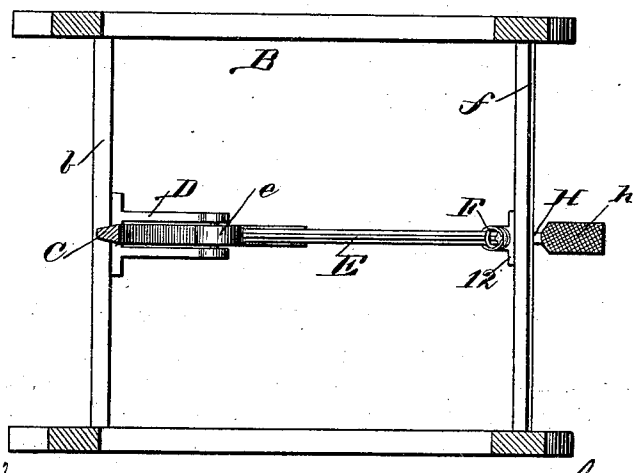


Fig. 2.



Witnesses,
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UNITED STATES PATENT OFFICE.

GUSTAV KNECHT, OF CHICAGO, ILLINOIS.

BARBER'S CHAIR.

SPECIFICATION forming part of Letters Patent No. 370,877, dated October 4, 1887.

Application filed July 16, 1887. Serial No. 244,453. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV KNECHT, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Barbers' Chairs, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to barbers' chairs in which the seat is pivotally secured upon its base to be tilted thereon, and more particularly to the attachment to such chair for adjustably locking the seat in any desired reclining position, and it has been my object to provide such an attachment that will automatically lock the seat by frictional holding or clamping and that is readily released for adjustment of the seat by a treadle in the rear of the base; and with that object in view my invention consists of the novel devices and combinations of devices hereinafter described, and specifically claimed.

In the accompanying drawings, Figure 1 represents a longitudinal vertical section of a barber's chair having my improvements, and Fig. 2 a sectional plan on line *x x* in Fig. 1.

Corresponding letters in the several figures of the drawings designate like parts.

A denotes the seat-frame, and B the base, of the chair, both of any usual construction and connected by side hinges, *a*.

Under the forward end of the chair-seat frame, A, is secured a bracket-plate, *c*, into which is pivotally connected the upper eyed end of a curved bar, C, bent of tapering-shaped iron. This bar C is embedded in the correspondingly-shaped groove of a bracket, D, secured against the front brace-bar, *b*, of the base B of the chair, and so as to slide therein, and between the rearward ends of this bracket D is pivoted the cam-shaped hub *e* of a lever, E, so constructed that a down pressure of such lever E will cause the cam-shaped hub *e* to press against the bar C, and by clamping will hold the same rigid. The rearward end of lever E is notched in its upper edge for attaching one end of a spring, F, the other end of which is coupled to the rear cross-brace, *f*, of the base B in a manner that such spring will pull the lever E downward, and will thus clamp the bar C automatically for holding the seat A in the required position.

Against the forward face of rear cross-brace, *f*, and near the lower edge thereof, is secured a bracket, *g*, forming the pivot support for a lever, H, on the pendent end of which is formed a pedal, *h*, while its upward forwardly-curved extension is bifurcated and eyed for a pivoted roller, *i*, grooved in its periphery for riding against the under edge of lever E. By stepping upon pedal *h*, and thereby swinging the roller *i* rearwardly, the lever E will be pushed upward, whereby the cam-hub *e* of said lever will release its hold against bar C for adjusting the seat, and then by releasing the pedal again the spring F will pull the lever E downward for locking the bar C again.

This device so constructed is not only strong and durable and forms a rigid and safe hold for the chair-seat on any desired reclining position, but it also affords decided advantages over devices for a like purpose provided with rack-teeth, it being noiseless in its movements, and obviates lost motion in its working parts.

This attachment can be applied as well to dental and surgical chairs.

What I claim is—

1. The combination, with the seat and base of a barber's chair pivotally connected, of a curved bar, C, secured to the seat and sliding in a grooved bracket, D, secured to the base of the chair, a lever, E, having a cam-shaped hub pivoted in the end of bracket D, and a spring, F, forcing the cam-hub *e* into contact with bar C, substantially as set forth.

2. The combination, with the seat and base of a barber's chair pivotally connected together, of the curved bar C, secured to the seat and sliding in a grooved bracket, D, secured to the base of the chair, a lever, E, having a cam-shaped hub pivoted into the end of bracket D, a spring, F, forcing the cam-hub *e* into contact with bar C, and a pedal-lever, H, for turning the cam-hub *e* to release bar C, all substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GUSTAV KNECHT.

Witnesses:
WILLIAM H. LOTZ,
OTTO LUBKERT.