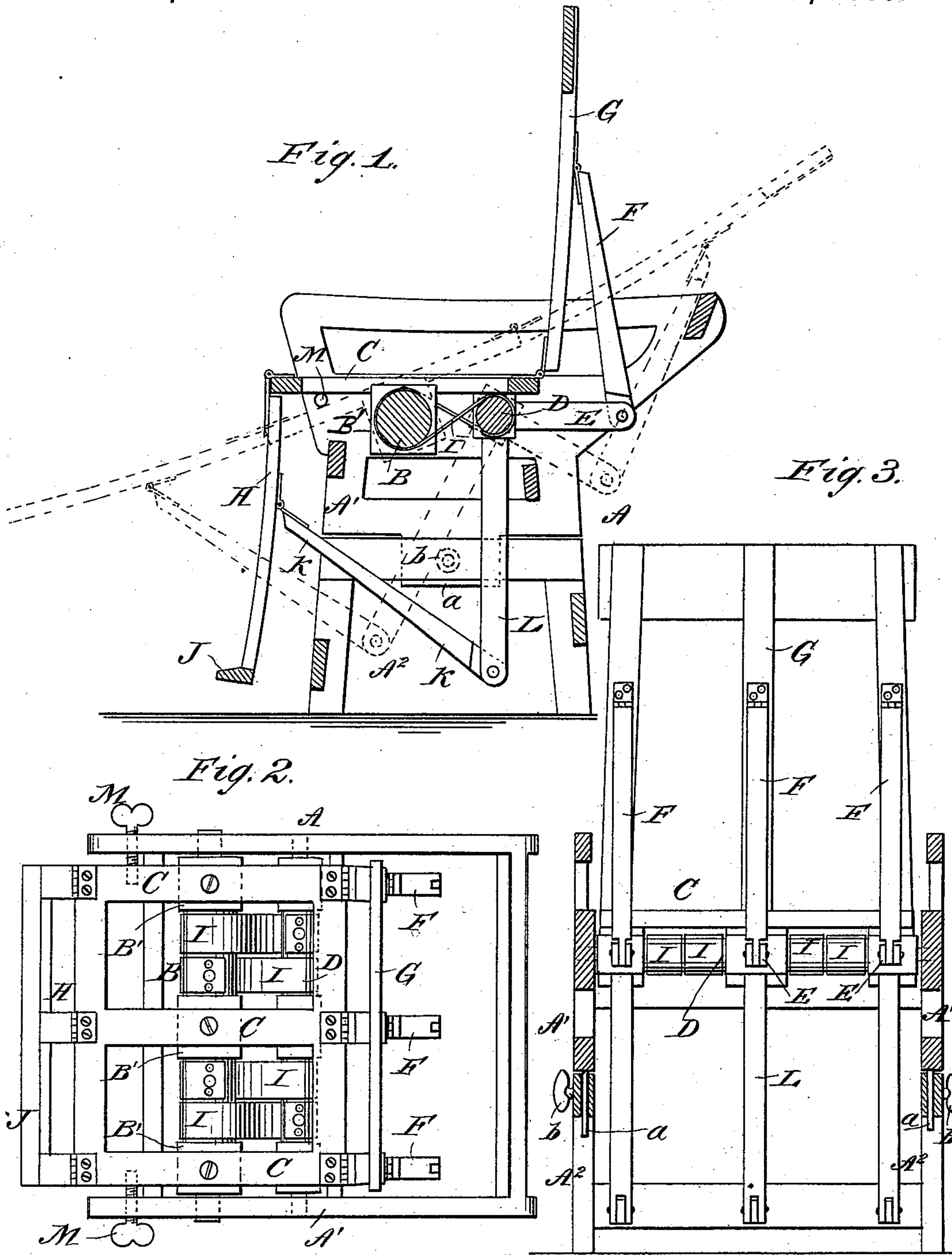


(No Model.)

L. DAVIS.
RECLINING CHAIR.

No. 337,132.

Patented Mar. 2, 1886.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEWIS DAVIS, OF JACKSON, OHIO.

RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 337,132, dated March 2, 1886.

Application filed July 20, 1885. Serial No. 172,120. (No model.)

To all whom it may concern:

Be it known that I, LEWIS DAVIS, of Jackson, in the county of Jackson and State of Ohio, have invented a new and Improved Reclining-Chair, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved reclining-chair, which is simple in construction, strong and durable, and can be adjusted very easily to the desired position.

The invention consists in the construction and combination of parts and details, as will be fully set forth hereinafter, and then pointed out in the claims.

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 longitudinal sectional elevation of my improved reclining-chair. Fig. 2 is a plan view of the same. Fig. 3 is a rear view and cross-section of the same.

The chair is supported by a base, A, formed of the two sections A' and A², held together by tongues a, projecting from the top section, A', into slots in the bottom section, A², and by screws b, for locking the tongues in place. The top-section, A', forms arm-rests. As the base is formed of sections, the chair can be packed very snugly. In the side pieces of the top section, A', a shaft, B, is journaled, which has squared portions B', on which the seat-slats C, or any other seat-frame, are secured. A short distance behind the shaft B a shaft, D, is journaled parallel with the same, and the shafts B and D are connected by crossed belts, bands, or straps I, secured on the rounded parts of the said shafts, so that when one of the said shafts is turned in either direction the other is turned with it. From the shaft D arms E project toward the rear, and have their rear ends connected by braces F with the back-rest G, hinged to the rear part of the seat, the braces F being hinged or pivoted to the back-rest and the arms E. The leg-rest H is hinged to the front of the seat, and is provided at the bottom with a foot-board, J. Bars K are hinged to the back of the leg-rest and to the lower ends of arms L, projecting down from the shaft D. Screws or pins M are held in the side pieces of the top

section, A', and serve to prevent the seat from swinging down when it is desired to lock the parts in place.

The operation is as follows: When the person occupying the chair leans back, the back-rest G is swung to the rear and the braces F press down the arms E and turn the shaft D, from which, by means of the belts I, the shaft B is turned, and the seat C brought into the inclined position shown in dotted lines. The arms L are swung to the front, and by means of the braces K swing the leg-rest H to the front, thus bringing the leg-rest H, the seat C, and the back-rest G in line, as shown in dotted lines. The inclinations of the back and leg-rests to the seat can easily be changed, as both move together. To bring the back-rest into the vertical position, it is only necessary to swing the leg-rest against the front of the supporting-frame of the chair. When the pins or screws M project under the seat-frame, the front part of the seat-frame cannot swing down, and thus the swing of the back-rest to the rear or the foot-rest to the front is prevented.

My improved chair can be used in cars, hospitals, parlors, on hotel-verandas, and in many other places.

The chair is strong and durable, can be adjusted very easily, and is very convenient.

If desired, a number of my improved reclining-chairs can be connected by a bar, so that all can be worked together. The supporting-frame can also be of a different construction, and can be simplified, if desired.

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

1. In a reclining-chair, the combination, with a supporting-frame, of a shaft journaled in the same, a seat on the shaft, a leg-rest hinged to the seat, a shaft journaled or supported in the seat-supporting frame near the rear end of the latter, and arms projecting down from the rear shaft, bars connecting said arms with the leg-rest, and of devices for revolving one shaft from the other, substantially as herein shown and described.

2. In a reclining chair, the combination, with a supporting-frame, of a shaft journaled in the same, a seat secured on the shaft, a shaft behind the one carrying the seat, arms project-

ing from the said rear shaft, a back-rest hinged to the seat, braces pivoted to the back-rest and the arms on the rear shaft, and of devices for revolving one shaft from the other, substantially as herein shown and described.

5 3. In a reclining-chair, the combination, with the supporting-frame, of a seat secured on a shaft mounted on the frame, a back-rest and a leg-rest hinged to the seat, braces con-

necting the back-rest with a shaft actuating the shaft carrying the seat, and bars connecting pendent arms of the actuating shaft with the leg-rest, substantially as herein shown and described.

LEWIS DAVIS.

Witnesses:

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