

(No Model.)

F. CHICHESTER.
TYPE WRITER'S CHAIR.

No. 574,602.

Patented Jan. 5, 1897.

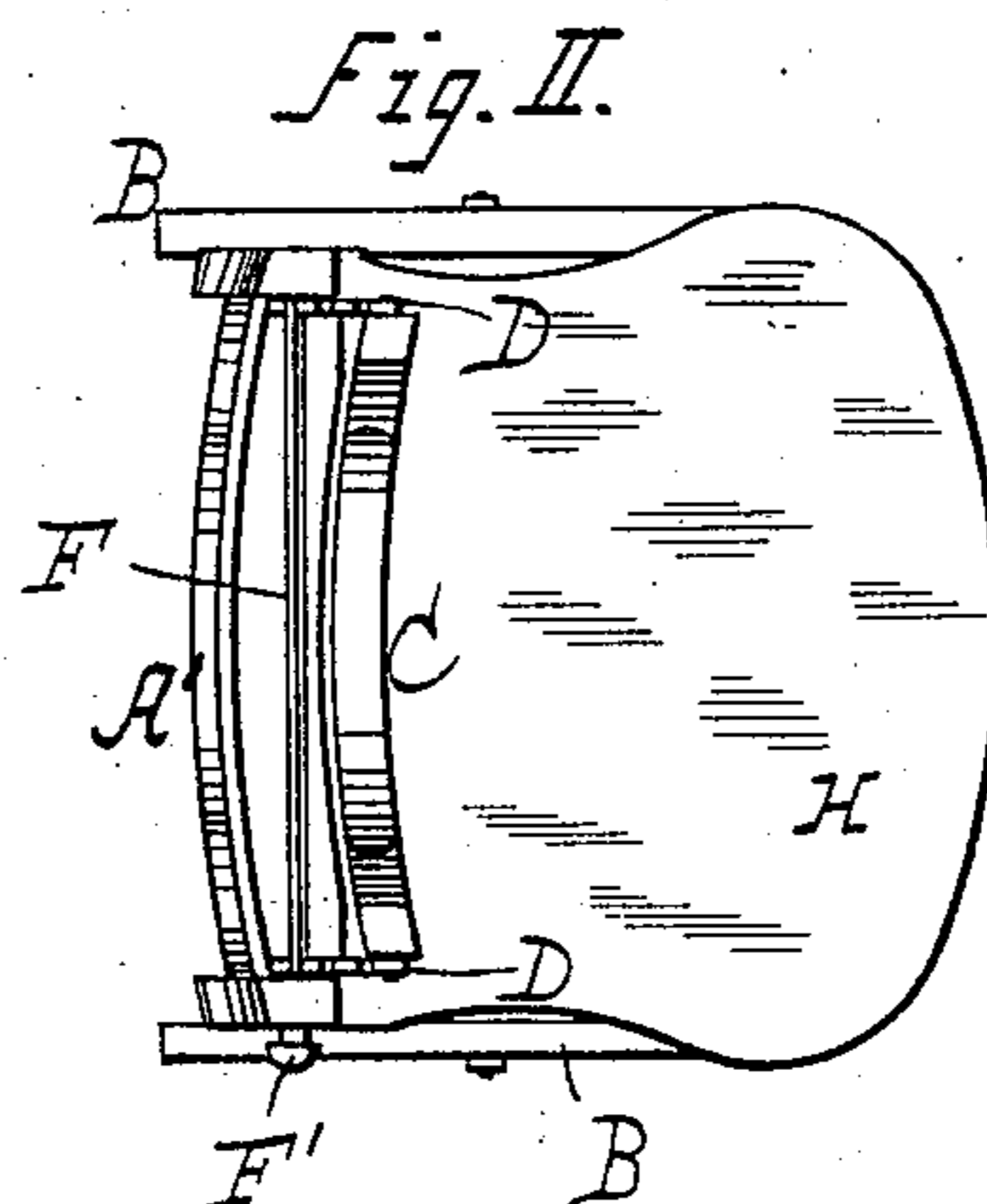
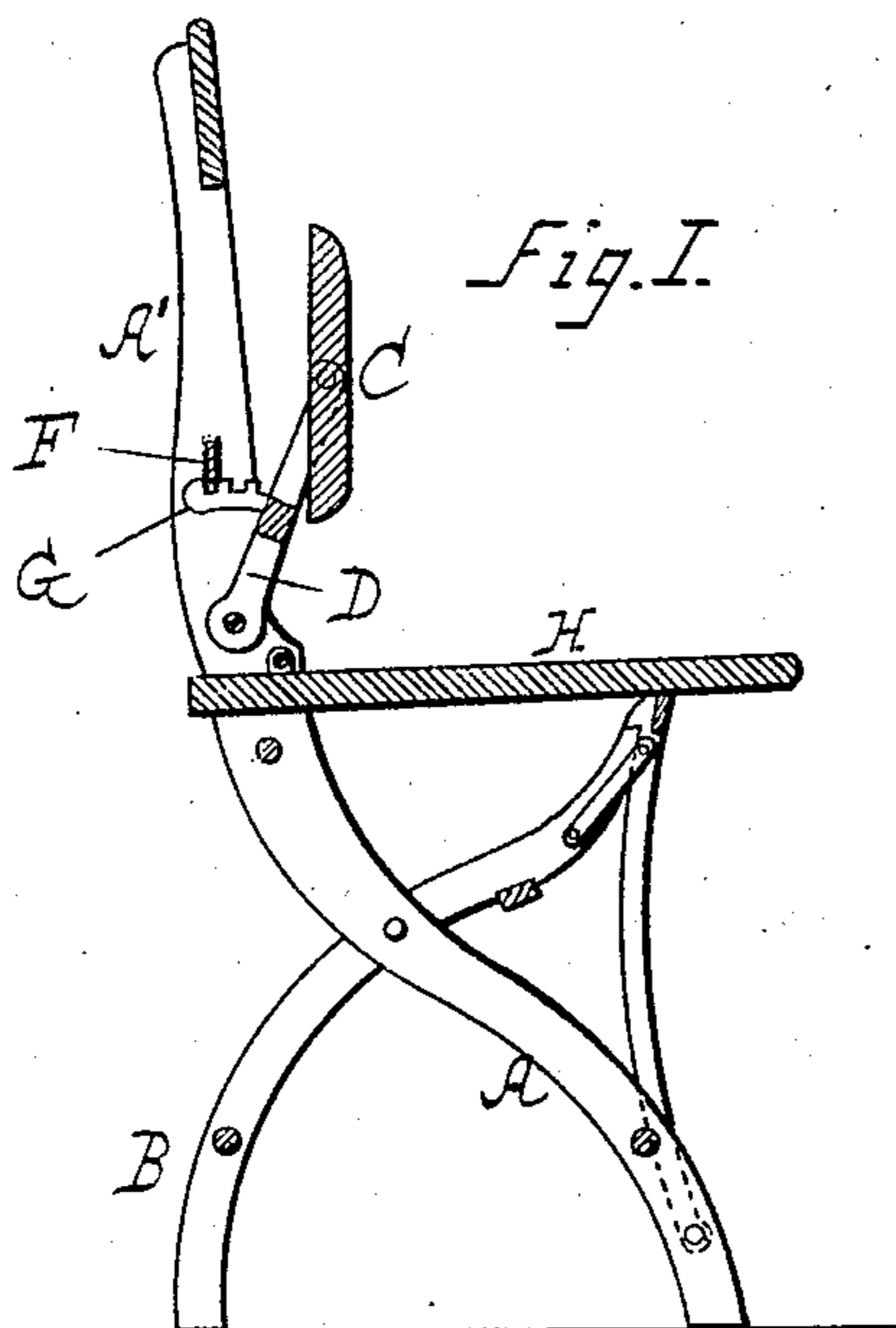


Fig. III.

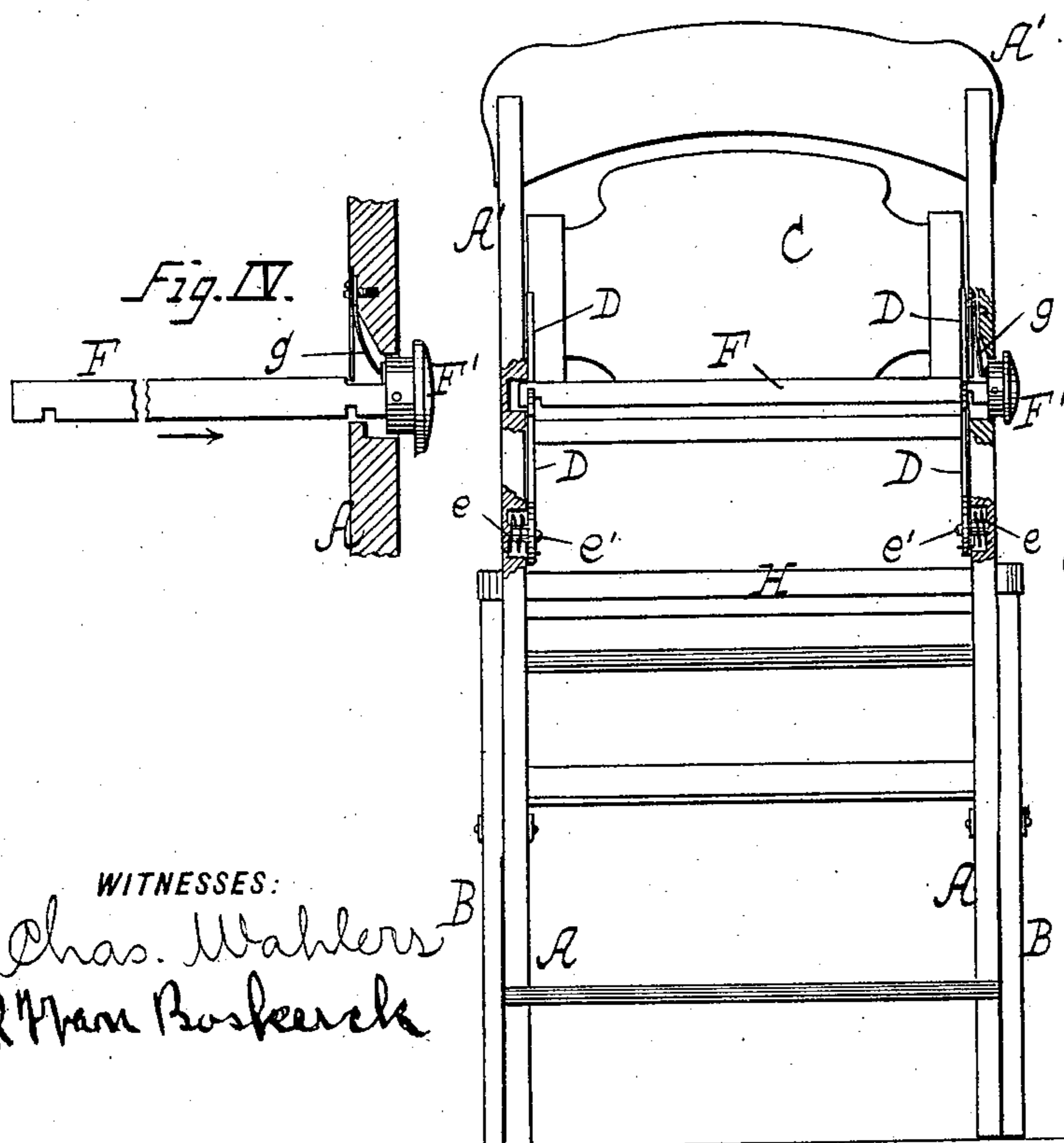
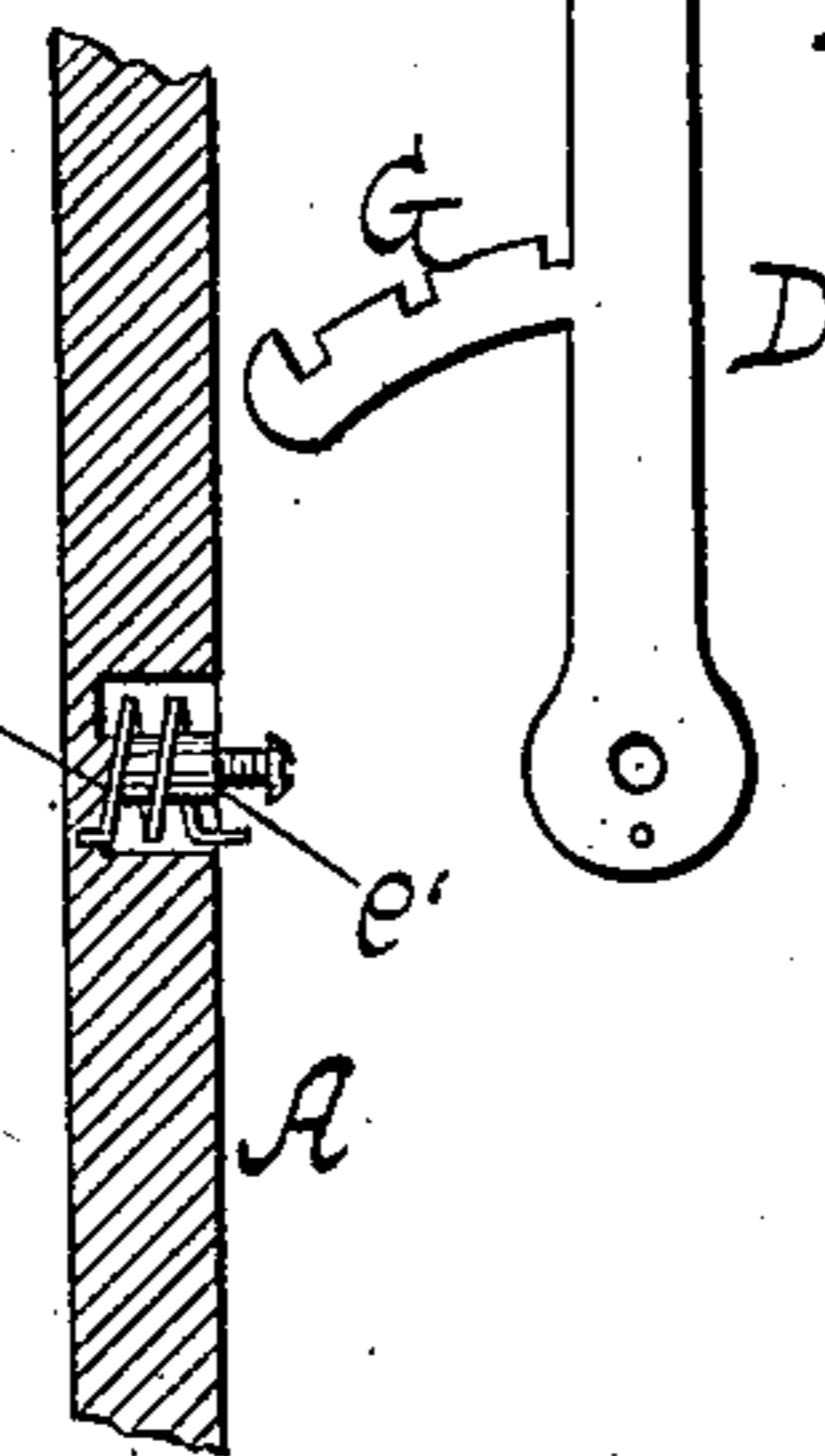


Fig. V.

Fig. VII.



WITNESSES:

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TYPE-WRITER'S CHAIR.

SPECIFICATION forming part of Letters Patent No. 574,602, dated January 5, 1897.

Application filed April 18, 1896. Serial No. 588,149. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN CHICHESTER, a citizen of the United States, and a resident of Poughkeepsie, in the county of Dutchess and State of New York, have invented certain new and useful Improvements in Type-Writers' Chairs, of which the following is a specification.

My invention is a chair which is especially designed for use by type-writers and others who may find it desirable to change the angle of the support afforded by the back of the chair, and in which is incorporated a tilting panel as a component part of the chair-back, as shown and described in various Letters Patent of the United States granted to me, as, for example, that dated July 15, 1879, and numbered 217,584.

The novel features of the structure constituting my present invention are directed to the means for adjusting and locking the parts which act as the support for the tilting panel, and will be hereinafter fully described with reference to the accompanying drawings, in which—

Figure I represents a vertical cross-section of the chair embodying the invention. Fig. II represents a plane or top view thereof. Fig. III represents a rear view, partly in section, thereof. Figs. IV, V, and VI represent detail views of parts.

Similar letters of reference indicate similar parts.

The letters A B indicate the two leg-frames of a chair, which in this example is a folding one, and one of which frames A is extended upwardly to form the chair-back A'.

The letter C indicates the tilting panel forming a part of the chair-back, and D indicates each of two pivoted arms supporting the tilting panel. Each of the supporting-arms D is subjected to the action of a spring *e*, which in this example is a spiral spring and wound on the pivot *e'*; by which either of the arms D is united to the proper frame parts. The tendency of these springs *e* is to force the supporting-arms D in a forward direction, and in order to counteract this action thereof I employ a locking-bar F conjointly with a toothed segment G, the arrangement of which

is as follows: The locking-bar F is a sliding one and extends through the side portions A', so as to be capable of moving longitudinally therein, and is provided with a thumb-button F' at one end thereof for its longitudinal adjustment. It is further provided with a spring *g*, which acts thereon with a tendency to force it in the direction of the arrow shown in Fig. IV. It is further provided with notches which, when the locking-bar is moved in the proper direction against the stress of spring *g*, register with and permit passage therethrough of the toothed segments, thus allowing adjustment of the back-panel, the locking-bar being brought back into engagement with the segments by the spring *g* when released.

The toothed segments G are rigidly attached to the supporting-arms D and adapted to engage with the locking-bar F by means of the notches therein, and when it is desired to change the position of the tilting panel C it is only necessary to adjust the locking-bar F, as by depressing the button F', thereby releasing the supporting-arms D and permitting their oscillation on the pivotal points thereof, and then release the locking-bar, when the latter will reengage the toothed segments G, the tilting back at the same time accommodating itself to any desired angle irrespective of the adjustment of the supporting-arms.

When my invention is applied to a folding chair, the seat H is pivoted to the structure in the well-known way.

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

A chair in which are combined the chair-back frame, the tilting panel, as C, pivoted in the said frame, the pivoted arms, as D, supporting said panel, the locking-bar, as F, having guide-bearings in said frame, toothed segments, as G, attached to the supporting-arms to engage with said locking-bar, springs, as *e*, acting on the supporting-arms, and a spring, as *g*, acting on the locking-bar, the whole adapted to operate substantially as herein described, for the purpose set forth.

FRANKLIN CHICHESTER.

Witnesses:

CHARLES G. COE,
CHAS. WAHLERS.