

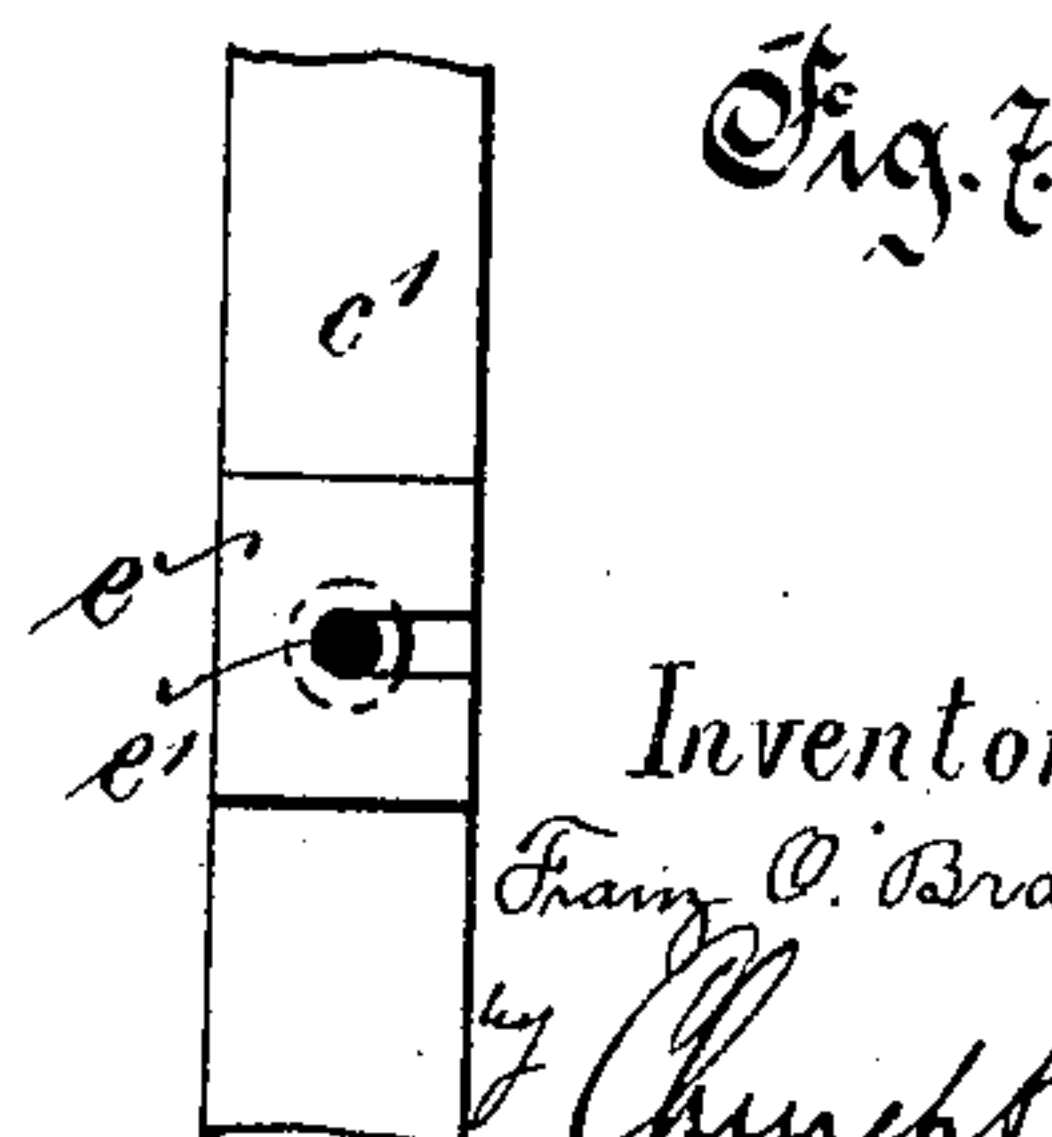
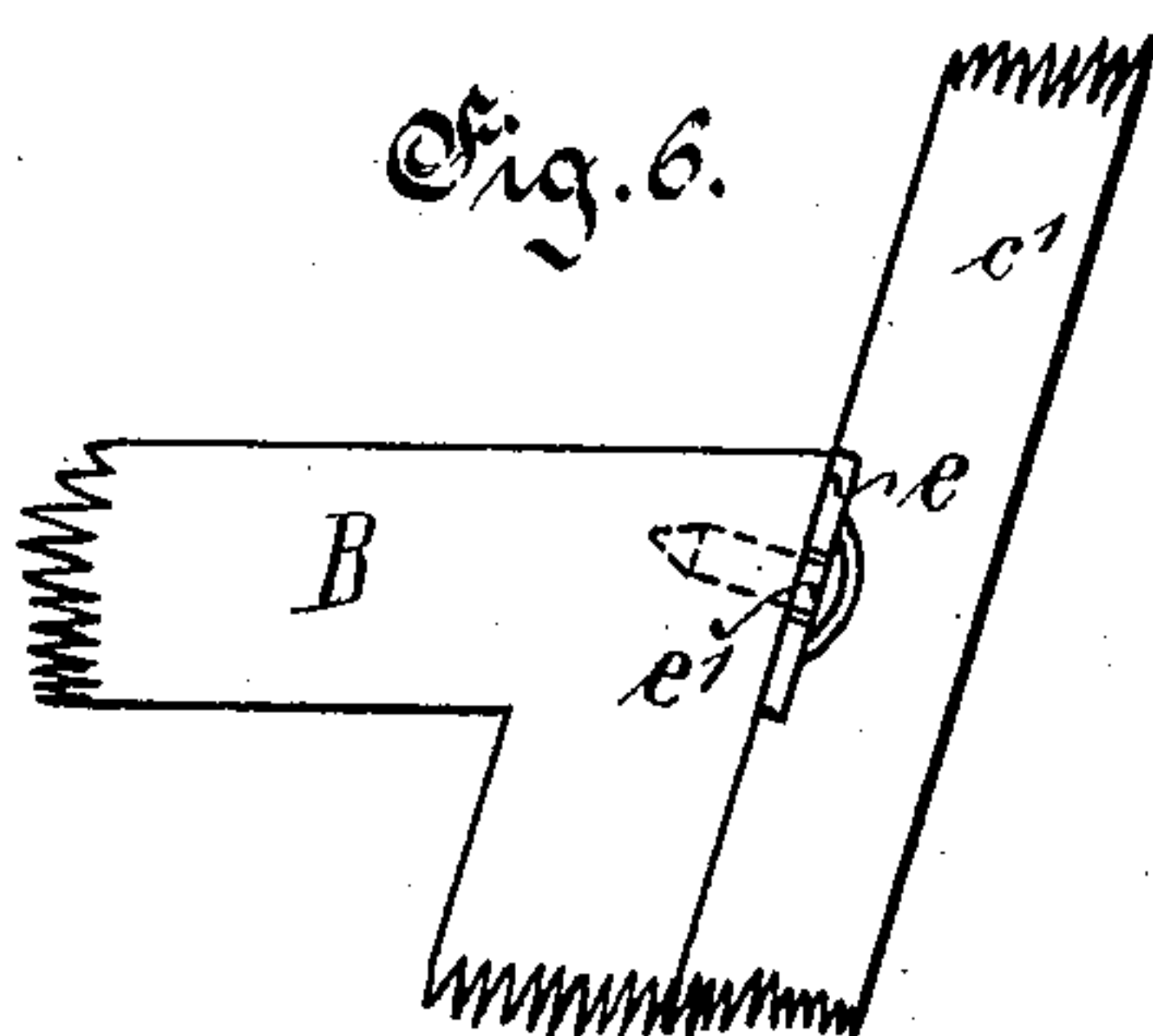
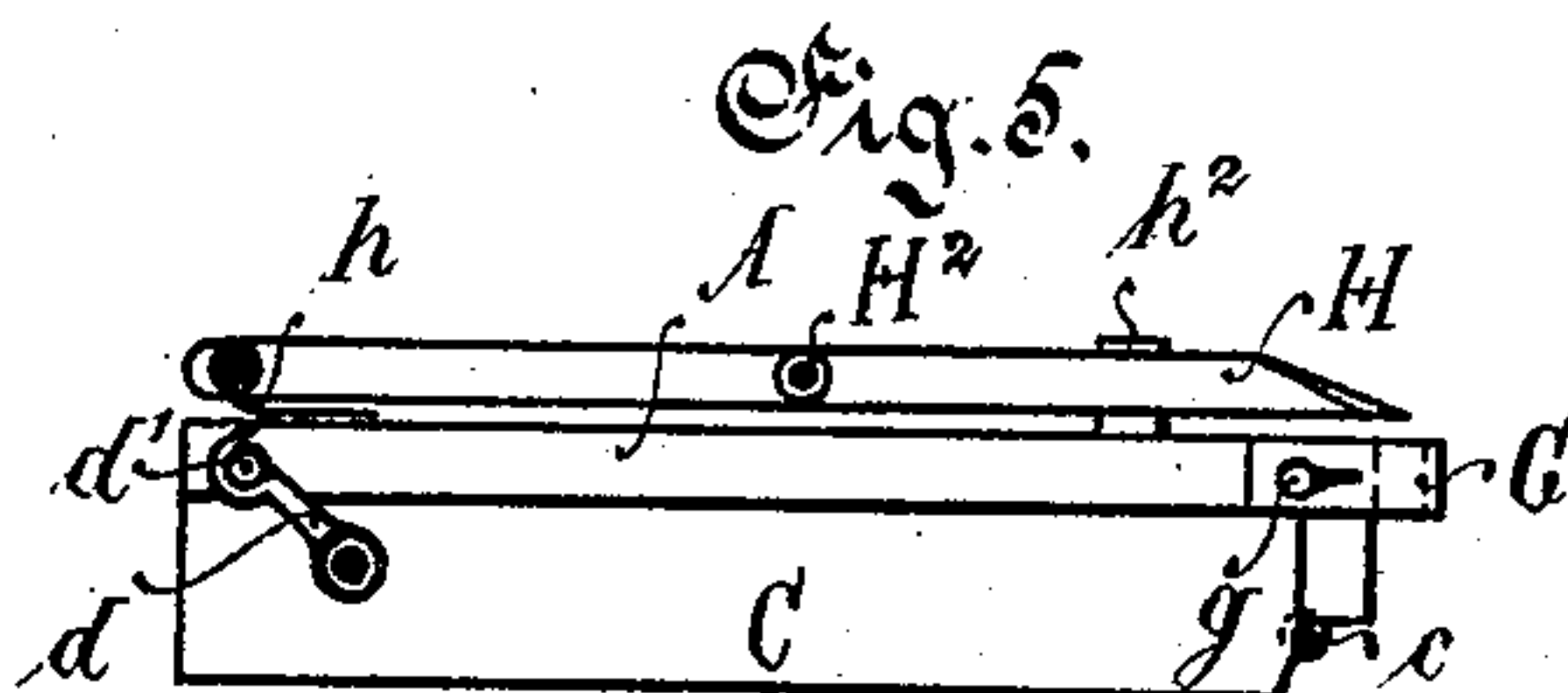
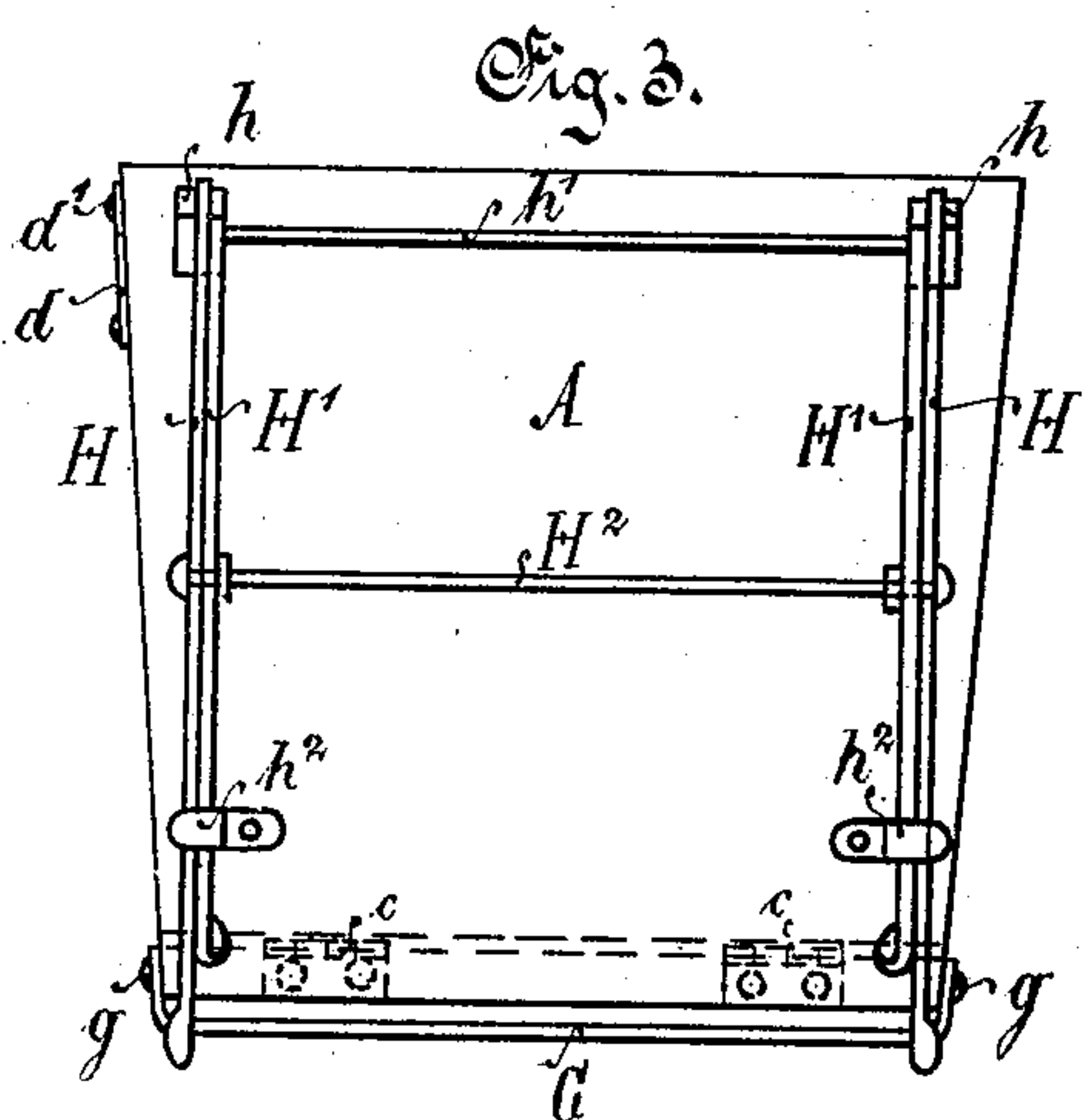
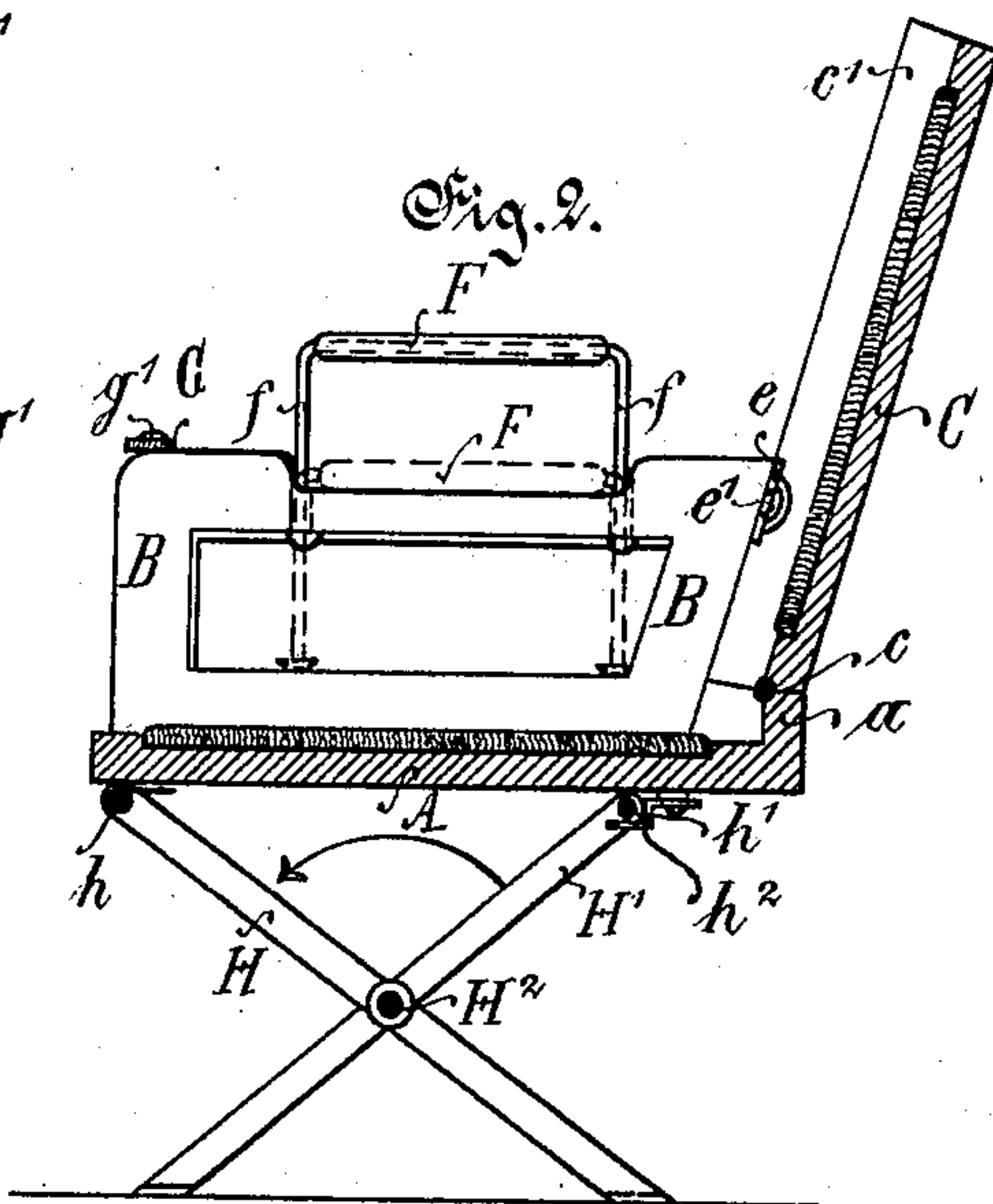
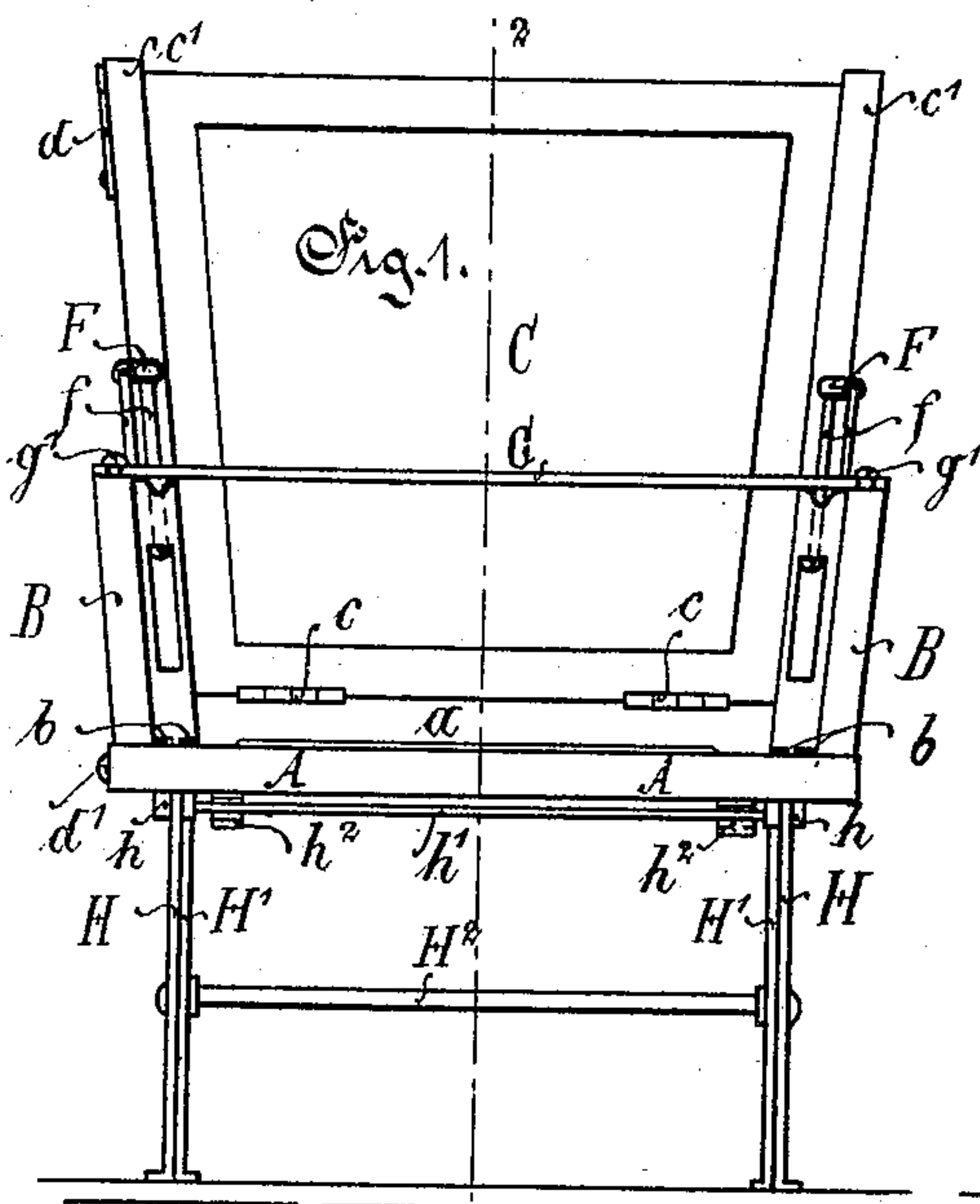
No. 620,220.

Patented Feb. 28, 1899.

F. O. BRANDT.
FOLDING CHAIR OR SEAT.

(Application filed Oct. 25, 1898.)

(No Model.)



Witnesses:

Edw. Hoff
John H. H. H.

Inventor:

Frank O. Brandt,

by *Church & Church*
his Attys.

UNITED STATES PATENT OFFICE.

FRANZ OTTO BRANDT, OF DRESDEN, GERMANY, ASSIGNOR TO CARL KURSAWE, OF SAME PLACE.

FOLDING CHAIR OR SEAT.

SPECIFICATION forming part of Letters Patent No. 620,220, dated February 28, 1899.

Application filed October 25, 1898. Serial No. 694,535. (No model.)

To all whom it may concern:

Be it known that I, FRANZ OTTO BRANDT, a subject of the King of Prussia, Emperor of Germany, residing at Dresden, in the Empire of Germany, have invented certain new and useful Improvements in or Relating to Folding Chairs or Seats, (for which I have made application for Letters Patent in Great Britain under No. 20,745, dated October 1, 1898, and in the German Empire patent in the name of my assignee, CARL KURSAWE, of Dresden, applied for September 30, 1898, K.17,101/34,) of which the following is a specification.

The chair according to this invention is more comfortable than an ordinary camp-stool, sketching-stool, &c., occupies much less space, and is folded in a different manner than iron garden-seats, which are made for fixed use and are designed with a different object in view. By making the side rests or arms and the back hinged to the seat and so that the side rests can be folded down onto the seat and the back onto the side rests the seat according to this invention can be folded into a flat packet of the size of the seat. The legs, which are also made to fold, may be arranged—for instance, as shown in the accompanying drawings—so that they are permanently secured to the under side of the seat and need not be separately packed and carried.

The article is here illustrated as a toy chair for children, which may be carried by two persons grasping the side rests.

Figure 1 is a front elevation of the chair unfolded; Fig. 2, a vertical section on the line 2 2 of Fig. 1; Fig. 3, a bottom view of the chair folded; Fig. 4, a front elevation of the same; Fig. 5, a side elevation of the same. Figs. 6 and 7 show separately the joint of the side supports and back.

A is the seat, to the edges of which are connected side rests or arms B by means of hinges *b*. The hinges are arranged on the inner side of the arms B, so that when the latter are folded down the edges of the seat remain uncovered to the extent equal to the thickness of the side rests, Fig. 4. At the back edge of the seat A is arranged a bar or ledge *a*, corresponding to the thickness of the side rests, the back C being pivoted about said bar by

means of hinges *c c*. The projecting edges *c'* of the back C lie, when the seat is folded, on the edges of the seat left free by the side rests B B, and thus inclose the side rests. (See Fig. 4.) In this way the folded seat shown in Figs. 4 and 5 is produced. A hook *d* on the bar *c'*, cooperating with a pin *d'* on the seat, Figs. 3 and 5, holds the seat together. In the front surface of each of the bars *c'* is inserted a small plate *e*, with a slot open toward the inner edge of the bar. With this slot engages, when the side rests are unfolded, a headed pin *e'*, secured to the back edge of the side rests, whereby the hinges *c* of the back, as well as the hinges *b* of the side rests, are relieved, since the heads of the pins *e'* take up the back pressure on the back, the ends of the slots limiting the outward movement of the pins, Fig. 7.

The upper horizontal bars of the side rests may be formed into handles. In the drawings, however, separate handles F are provided, the branches *f* of which, provided at the bottom with heads or projections, are vertically adjustable in passages in the side rests, Fig. 2. When the chair is to be carried, the handles are pulled out, while when it is to be folded they are pulled in. (Fig. 2, dotted.)

A leather strap G, provided with holes, may be secured to pins *g*, Figs. 3 and 5, for the greater convenience of carrying the folded chair. It may be also utilized in a child's chair, when the chair is unfolded, by securing it to pins *g'* of the side rests, Figs. 1 and 2, in order to prevent the child from falling out.

The legs may be of any desired construction. They are preferably permanently attached to the under side of the seat and constructed as follows: A frame consisting of two pairs of cross-rods H H', connected together by a rod H⁴. The two rods H are movable on hinge-joints *h* near the front lower edge of the seat. The upper ends of the other two rods are connected together by a rod *h'*, this rod engaging with pivoted hooks *h*² on the seat, Fig. 2, when the legs are unfolded, whereby they will be maintained in position. If the rod *h'* is removed from the hooks *h*² *h*², the legs H' can be turned about

the rod H^2 in the direction indicated by the arrow in Fig. 2, until they lie in the same plane with the legs $H H$, and the rod h' comes into position adjacent to $h h$. Then the legs, 5 folded flat, can be turned about the hinges $h h$ toward the under surface of the seat, Fig. 3. When in this position, the hooks h^2 are turned over the legs $H H$, whereby the legs are secured. In this construction no separate se- 10 curing device is necessary for the legs.

I claim—

1. In a folding chair, the combination with the seat having the upwardly-extending ledge across the rear edge thereof, of the side rests 15 corresponding in thickness to the height of the ledge, the hinges on the inner side of the side arms connecting the side rests and seat, whereby when the side rests are folded down, the edges of the seat remain uncovered a dis- 20 tance equal to the thickness of said rests, and the back hinged to the ledge having the projecting edges, adapted when the back is folded

to lie on the edge of the seat left free by the side rests and thus inclose said rests; substantially as described. 25

2. In a folding chair, the combination with the seat having the ledge at the rear edge thereof, the back pivoted to said ledge, and having the projecting edges c' formed with recesses or slots, of the side bars hinged to 30 the seat, the headed pins secured to the back edges of the side rests, adapted to cooperate with the recesses or slots in the projecting edges of the back when the side rests are un- 35 folded, whereby strain on the hinges of the back and side rests will be relieved; substantially as described.

In testimony whereof I have hereto set my hand in the presence of the two subscribing witnesses.

FRANZ OTTO BRANDT.

Witnesses:

OTTO WOLFF,
P. HUGO DUMMER.