

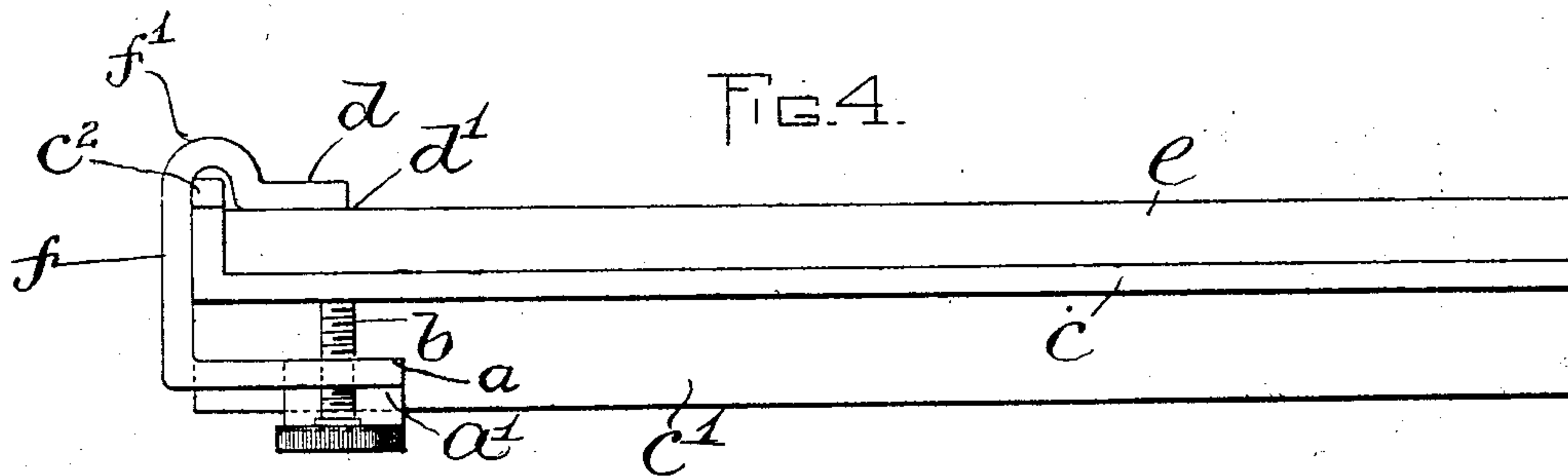
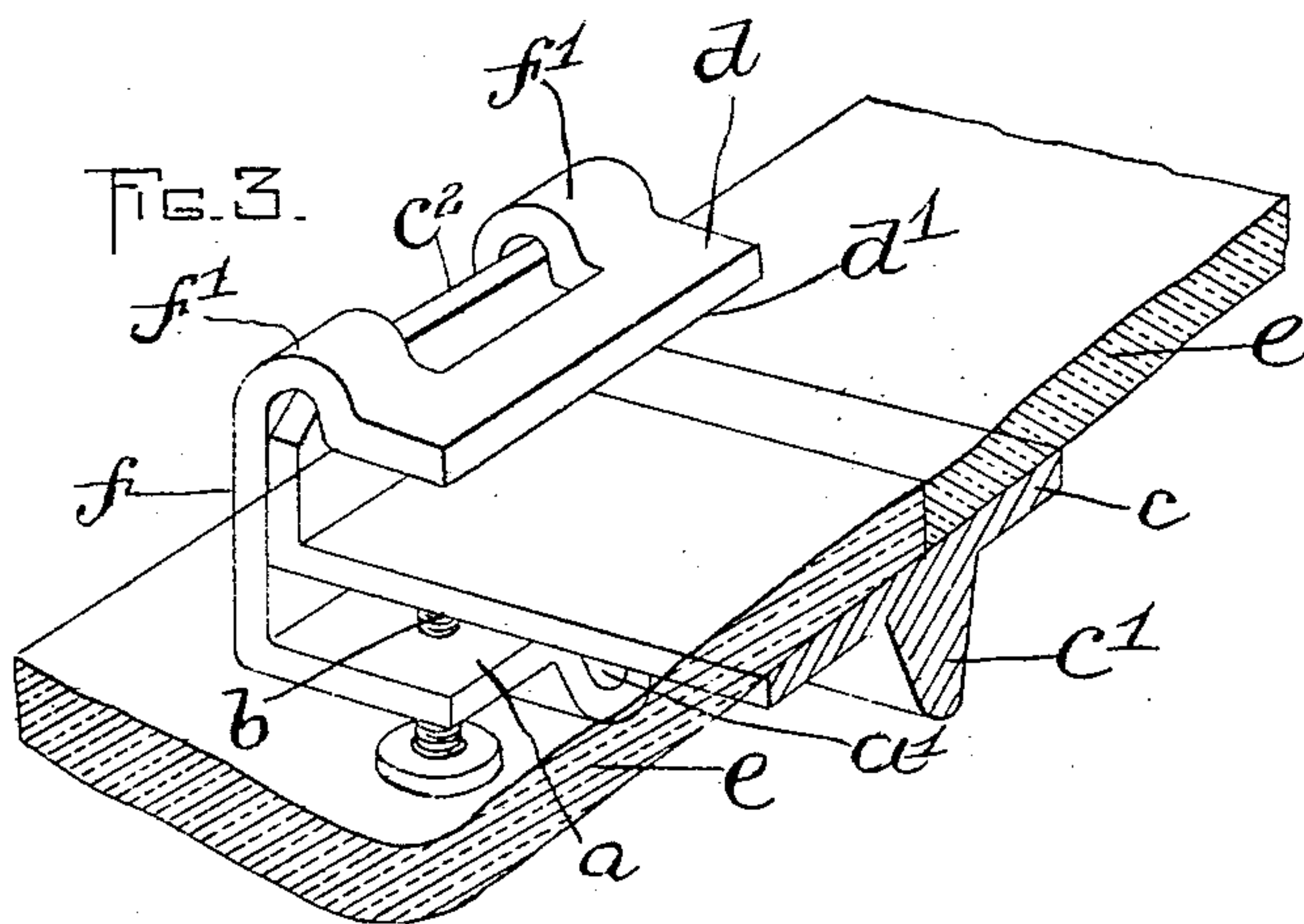
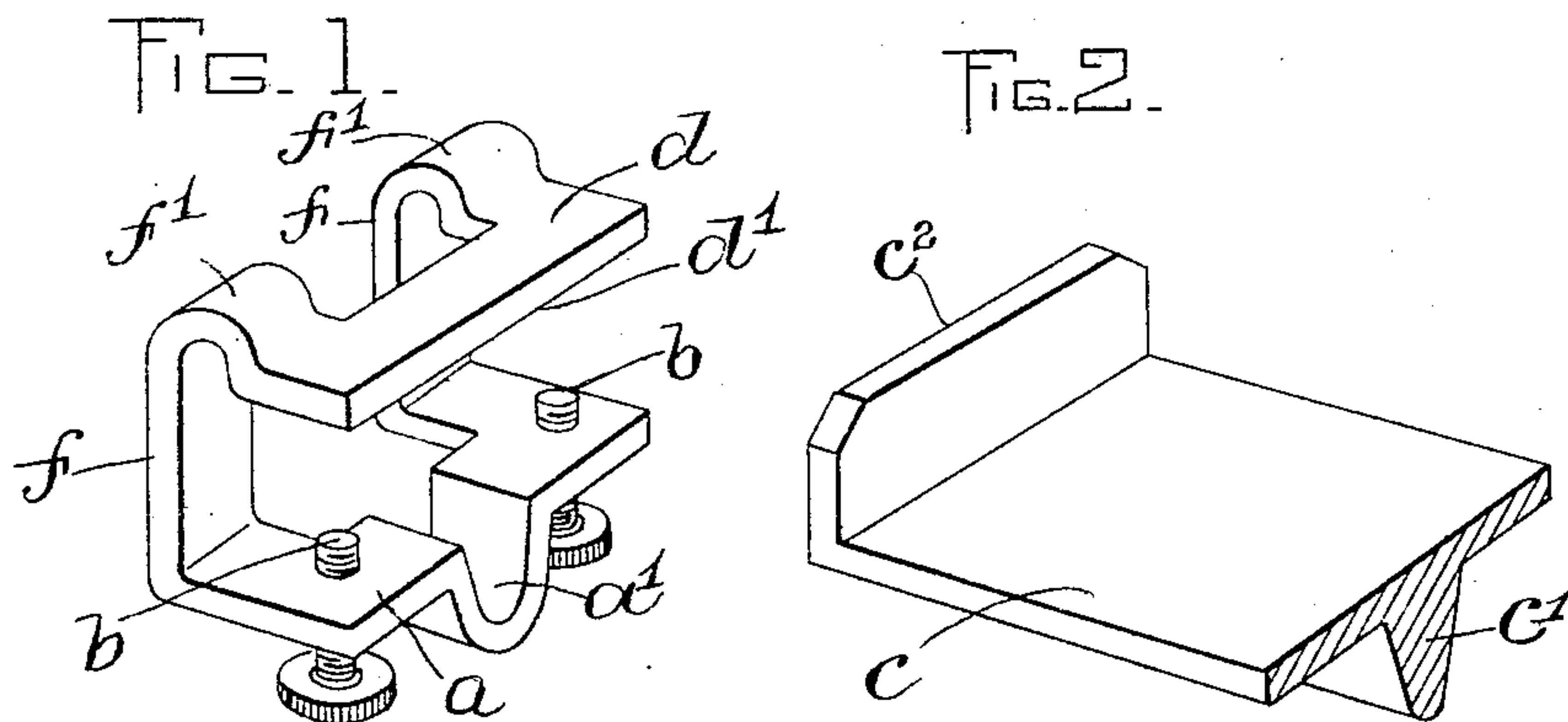
No. 750,595.

PATENTED JAN. 26, 1904.

W. H. CAMPBELL.
CLAMP FOR HOLDING GLASS SHELVES.

APPLICATION FILED MAR. 12, 1903.

NO MODEL.



WITNESSES:

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WILLIAM H. CAMPBELL, OF EVERETT, MASSACHUSETTS.

CLAMP FOR HOLDING GLASS SHELVES.

SPECIFICATION forming part of Letters Patent No. 750,595, dated January 26, 1904.

Application filed March 12, 1903. Serial No. 147,369. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. CAMPBELL, of Everett, in the county of Middlesex and State of Massachusetts, have invented certain
5 new and useful Improvements in Clamps for Holding Glass Shelves, of which the following is a specification.

This invention has for its object to provide means for securing to brackets projecting from
10 a wall or other support sections of glass shelving laid upon said brackets and for preventing the possibility of the displacement of the sections of shelving from their proper place on the brackets. The brackets are necessarily nar-
15 row, and a relatively slight endwise displacement of a section of shelving is liable to cause it to drop and become broken.

My invention consists in the improved clamp, which I will now proceed to describe
20 and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of my improved clamp detached. Fig. 2 represents a perspective view
25 of the outer end portion of the bracket with which the clamp coöperates. Fig. 3 represents a perspective view of the parts shown in Figs. 1 and 2, showing them connected and showing portions of two sections of glass
30 shelving secured to the bracket by the clamp. Fig. 4 represents a side view of the bracket with my improved clamp applied to its outer end.

The same reference characters indicate the
35 same parts in all the figures.

The clamp which forms the subject of my invention comprises a base *a*, with which are adjustably engaged two bearing-screws *b b*. The base is adapted to project under the body
40 portion of a bracket *c*, and the screws *b b* are adapted to bear upon the under surface of said body portion. The clamp also comprises a jaw *d*, which overhangs the base *a* and is separated therefrom sufficiently to permit the
45 interposition between the base and jaw of the bracket and sections *e* of glass shelving, the sections abutting together at the central portion of the bracket, as shown in Fig. 3. The jaw *d* is connected with the base *b* by vertical
50 arms *f f*. The base *a* is provided with a re-

cess *a'*, adapted to receive a rib *c'*, extending longitudinally along the under side of the bracket *c*. The arms *f f* are curved at their upper ends to form recessed necks *f' f'*,
55 adapted to receive the upper edge of a transverse upwardly-projecting flange *c''*, formed on the outer end of the bracket *c*.

The sections *e e* of glass shelving being placed upon the bracket *c*, as indicated in Fig. 3, the bracket being suitably secured to a wall
60 or other support, the clamp is applied to the bracket and the portions of the shelving adjacent to the flange *c''*, the base *a* projecting under the bracket and the jaw *d* projecting over the sections *e e*. The screws *b b* are then
65 adjusted upwardly until the jaw is pressed firmly down upon the upper surfaces of the sections *e e*. When this has been accomplished, the bracket-rib *c'* engages the recess *a'* of the base and prevents displacement of the clamp
70 crosswise of the bracket. At the same time the recessed necks *f' f'* engage the upper edge of the flange *c''* of the bracket, thus preventing displacement of the clamp lengthwise of the bracket. It will be seen, therefore,
75 that the clamp is firmly interlocked with the bracket and engaged securely with the shelf-sections *e e*.

I claim—

1. The combination of a bracket, shelving
80 bearing thereon, and a clamp having a base projecting under the bracket and provided with adjustable means for engaging the bracket, and a jaw connected with and overhanging the base and bearing on the upper surface of the
85 shelving.

2. The combination of a bracket, shelving bearing thereon, and a clamp having a base projecting under the bracket and provided with adjustable means for engaging the bracket,
90 and a jaw connected with and overhanging the base and bearing on the upper surface of the shelving, said bracket and clamp having complementary engaging parts for preventing displacement of the clamp. 95

3. A clamp comprising a base having bearing-screws adapted to bear on the under side of a bracket, and a jaw connected with and overhanging the base and adapted to bear on the shelving supported by the bracket, said 100

base having a recess formed to engage a rib on the under side of the bracket and prevent displacement of the clamp crosswise of the bracket.

5 4. A clamp comprising a base having bearing-screws adapted to bear on the under side of a bracket, and a jaw connected with and overhanging the base and adapted to bear on the shelving supported by the bracket, the
10 connections between the base and jaw being recessed to engage a transverse flange on the outer end of the bracket and prevent displacement of the clamp endwise of the bracket.

15 5. A clamp comprising a base having a recess formed to engage a rib on the under side of a bracket, bearing-screws engaged with said base and adapted to bear on the under side of the bracket, a jaw overhanging the base and adapted to bear on shelving supported by the
20 bracket, and arms connecting the base with the

jaw, said arms having recessed necks formed to engage a transverse flange on the outer end of the bracket.

6. The combination with a bracket having a longitudinal rib on its under side, and a transverse upwardly-projecting flange on its outer end, of a clamp comprising a base having bearing-screws adapted to engage the under side of the bracket, and a jaw overhanging the base, said clamp having means for engaging the bracket-rib to prevent displacement of the clamp sidewise of the bracket, and means for engaging the bracket-flange to prevent displacement of the clamp endwise of the bracket.

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

WILLIAM H. CAMPBELL.

Witnesses:

C. F. BROWN,

E. BATCHELDER.