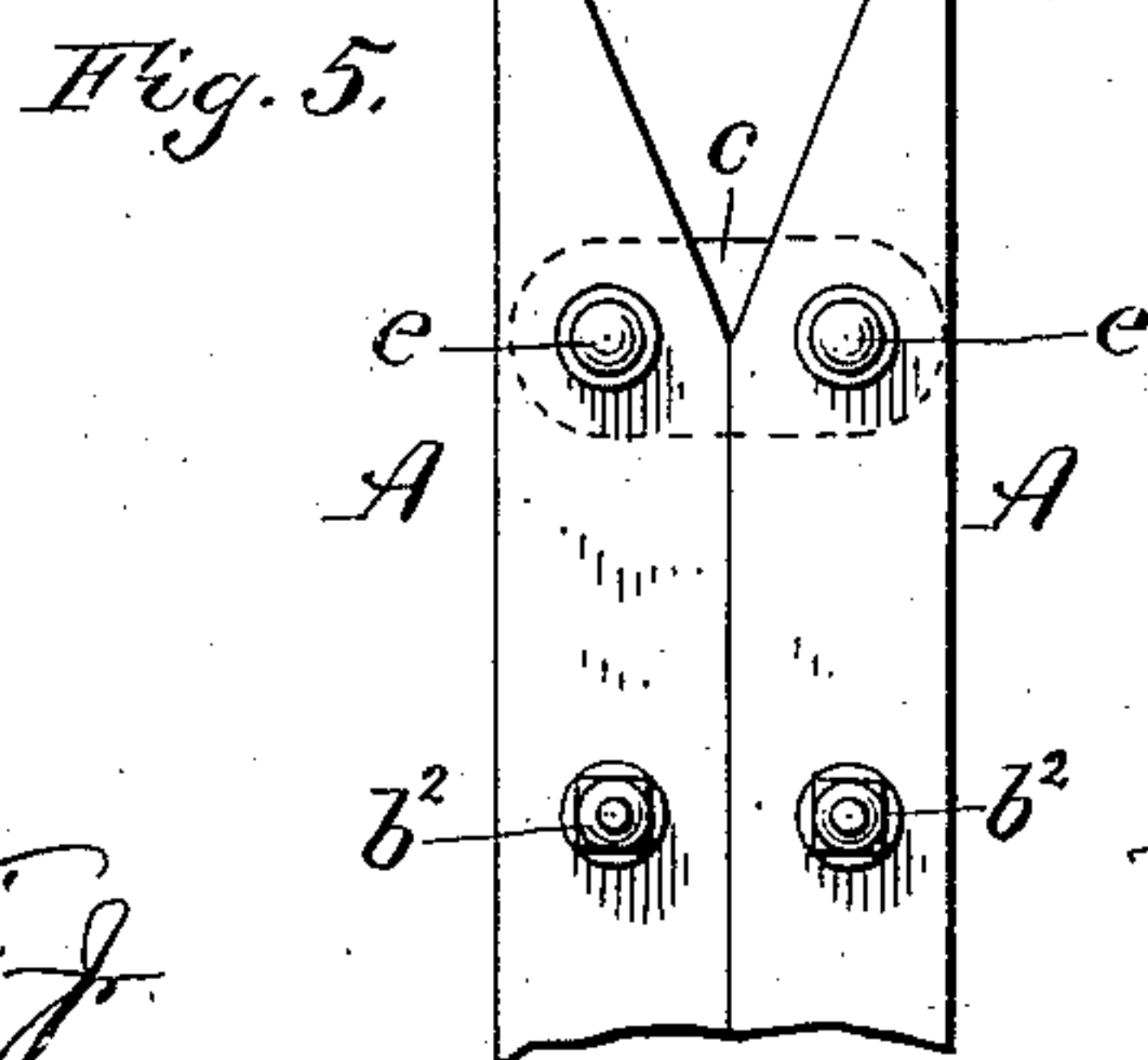
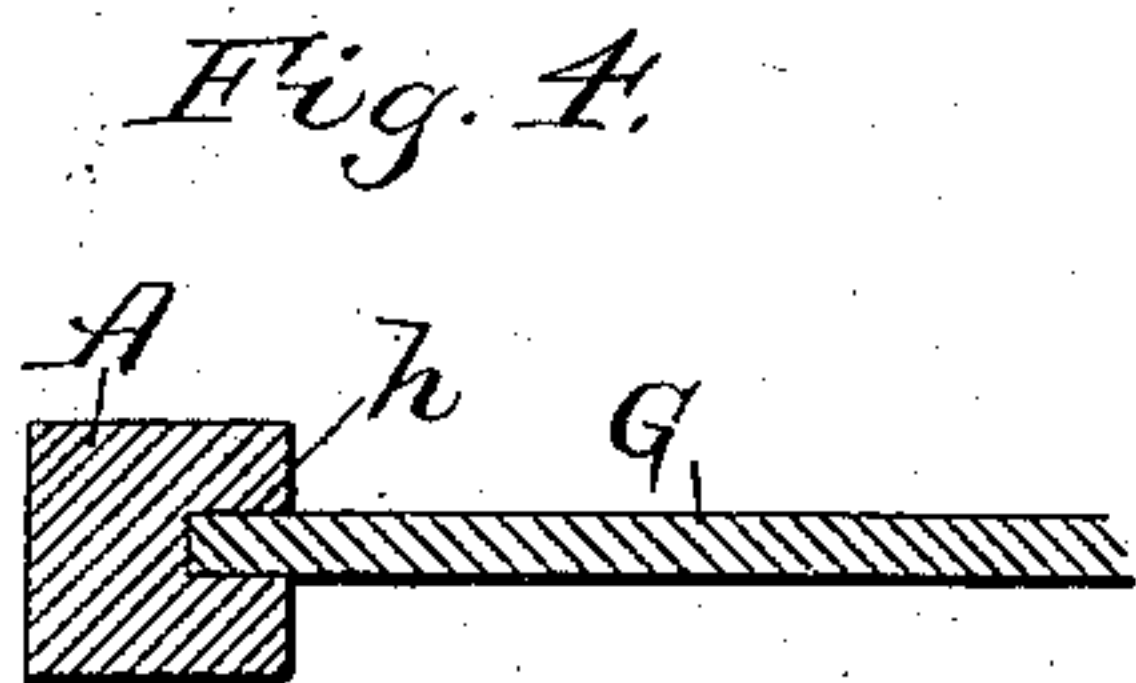
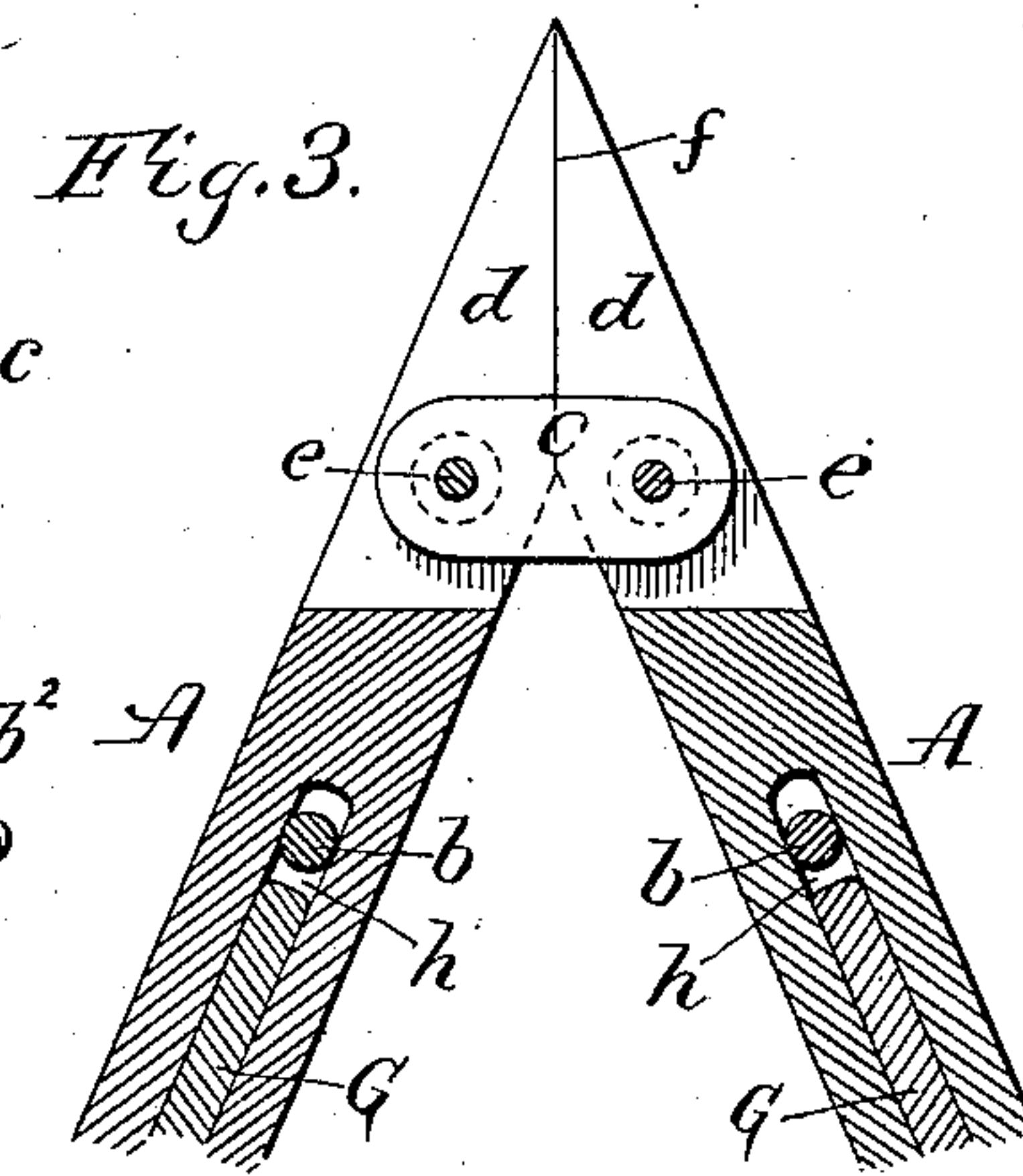
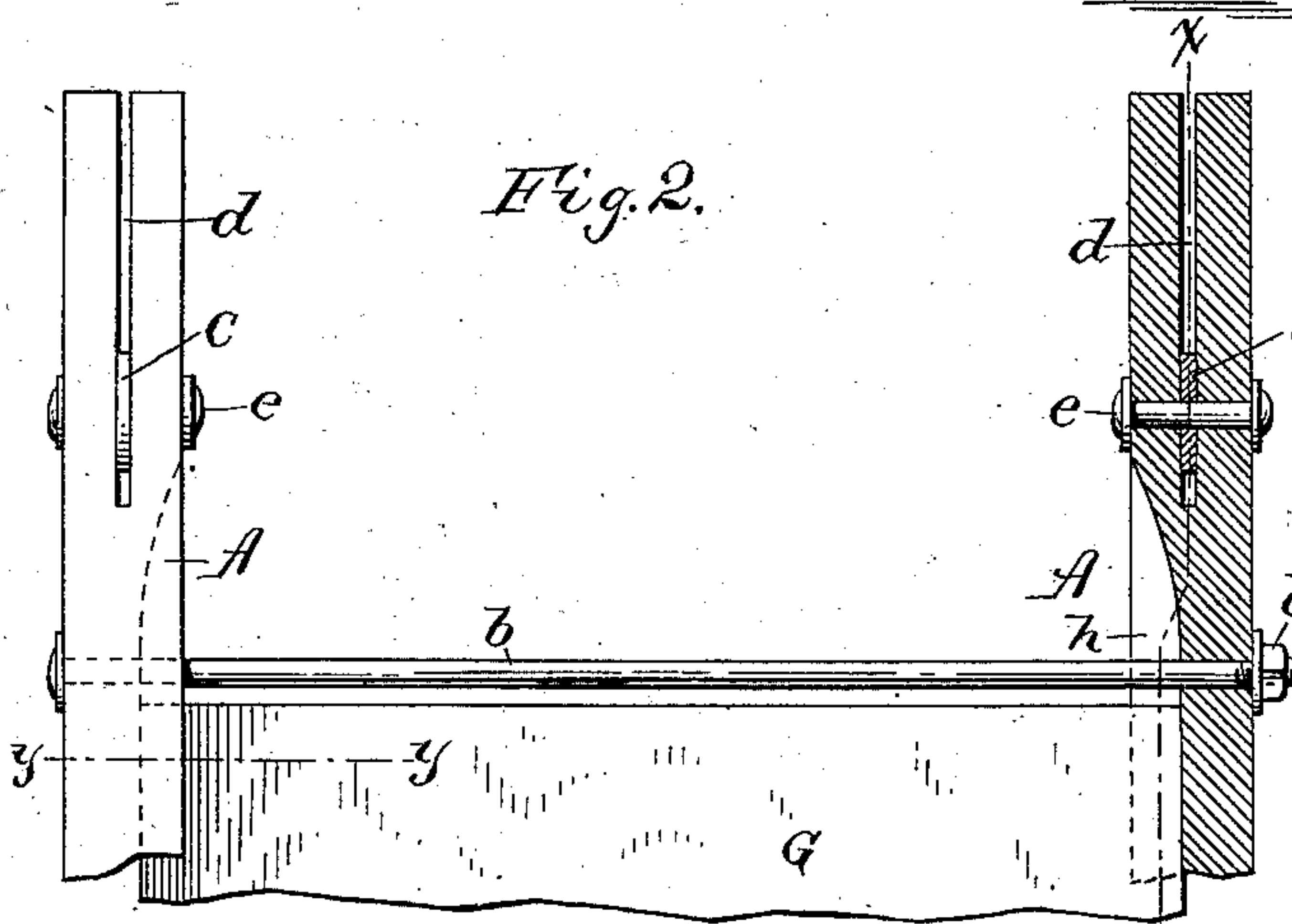
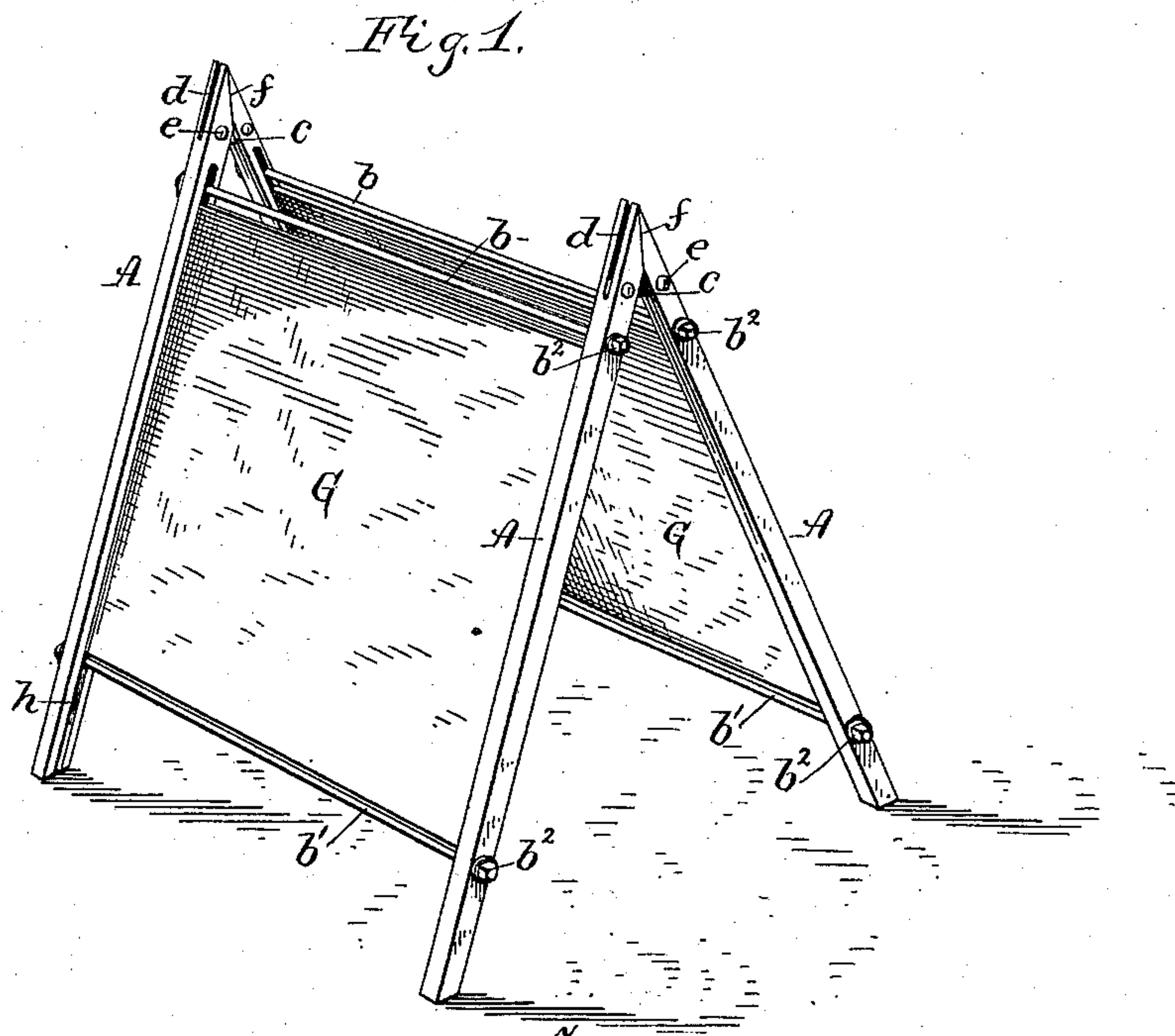


(No Model.)

L. A. DEUTHER.  
ADVERTISING SIGN.

No. 381,766.

Patented Apr. 24, 1888.



Witnesses:  
Theo. L. Popp  
Geo. Buchheit Jr.

L. A. Deuther Inventor.  
By Wilhelm Bonner,  
Attorneys.



# UNITED STATES PATENT OFFICE.

LORENZ A. DEUTHER, OF BUFFALO, NEW YORK.

## ADVERTISING-SIGN.

SPECIFICATION forming part of Letters Patent No. 381,766, dated April 24, 1888.

Application filed October 12, 1887. Serial No. 253,058. (No model.)

*To all whom it may concern:*

Be it known that I, LORENZ A. DEUTHER, of Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Advertising-Signs, of which the following is a specification.

This invention relates to improvements in that class of advertising-signs which are composed of two boards or frames each bearing an advertisement, and which are hinged together at their upper ends, so that they can be spread apart or folded up to facilitate the transportation of the sign and permit close storage.

The object of my invention is to provide a simple connection between the two parts of the sign, and also to render the plates or boards upon which the advertisements are arranged removable from the supporting frame of the sign, so that different plates can be readily interchanged, if desired.

The invention consists of the improvements which will be hereinafter fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of my improved sign. Fig. 2 is a sectional side elevation of the upper portion thereof on an enlarged scale. Fig. 3 is a cross-section in line *x x*, Fig. 2. Fig. 4 is a horizontal section in line *y y*, Fig. 2. Fig. 5 is an end view of the upper portion of the sign, showing the same folded.

Like letters of reference refer to like parts in the several figures.

The two parts of the sign are each composed of longitudinal side pieces, A, preferably constructed of wood, and transverse connecting-rods or bolts *b b'*, arranged, respectively, near the upper and lower ends of the side pieces. The opposing side pieces, A, of the two parts are hinged together by links *c*, arranged in transverse slots or recesses *d*, formed in the upper ends of said side pieces, the links being pivoted to the side pieces by horizontal rivets or bolts *e*. By this construction of the side pieces the links are concealed and the sign is rendered more sightly.

The upper ends of the side pieces, A, extend

upwardly beyond the links *c*, and their adjoining or contiguous faces *f* are beveled or chamfered from a point located about in line with the rivets *e* to the upper end of the side pieces, so as to permit the parts of the sign to be spread apart. The faces *f* are beveled at such an angle that they will limit the outward movement of the lower ends of the side pieces when standing at the proper inclination and prevent the same from being spread apart too far.

G represents the removable plates or boards upon which the advertisements are arranged, and which engage with their edges in longitudinal grooves or ways *h*, formed on the inner sides of the side pieces, A. The grooves or ways *h* extend from the lower ends of the side pieces, A, to nearly the upper ends thereof, so that the plates can be inserted into the grooves from the lower ends of the side pieces. The plates G are held in the grooves *h* by the bolts *b b'*, which latter are provided at one end with clamping-nuts *b<sup>2</sup>*, bearing against the outer sides of the side pieces, A. When it is desired to remove or interchange the plates G, the nut of the upper bolt, *b*, is loosened and the lower bolt is removed. The plates can now be drawn out of the grooves *h* and be replaced by other plates. After other plates have been inserted in the grooves the lower bolt is secured in place and the nut of the upper bolt tightened.

My improved sign is light and durable and attractive in appearance, and can be manufactured at comparatively small expense.

I claim as my invention—

The combination, with the side pieces, A, hinged at their upper ends and provided with longitudinal grooves *h*, of removable plates or boards G, arranged in said grooves, and rods or bolts *b b'*, connecting said side pieces, and whereby the plates are held in their grooves, substantially as set forth.

Witness my hand this 10th day of October, 1887.

LORENZ A. DEUTHER.

Witnesses:

CARL F. GEYER,  
JNO. J. BONNER.