

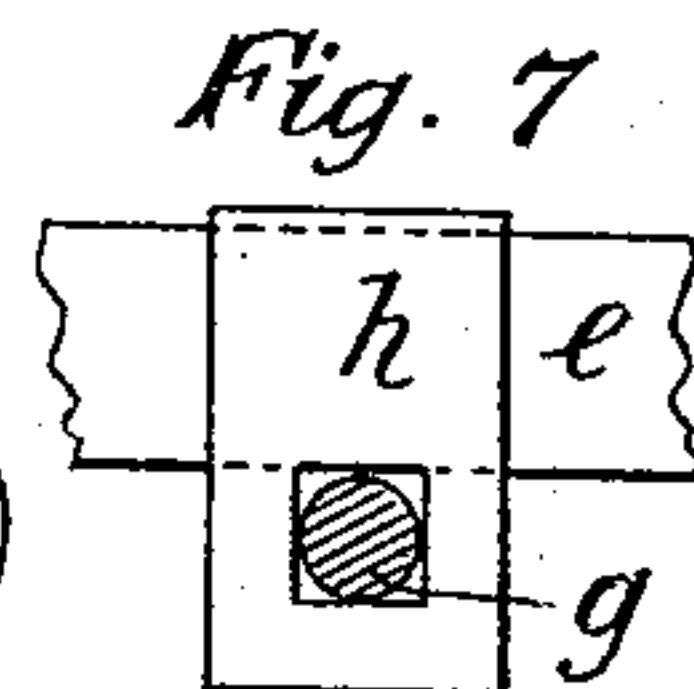
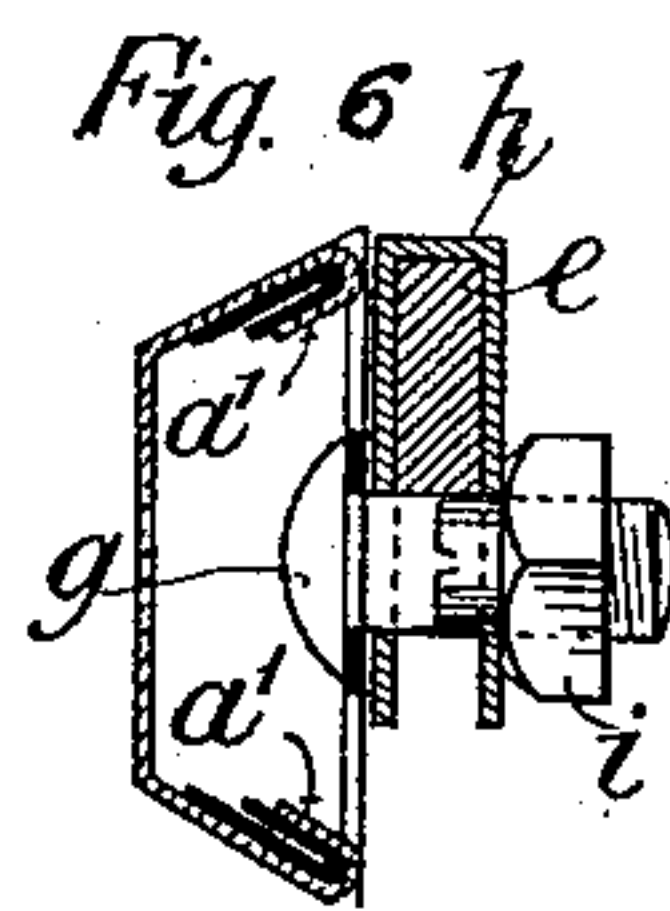
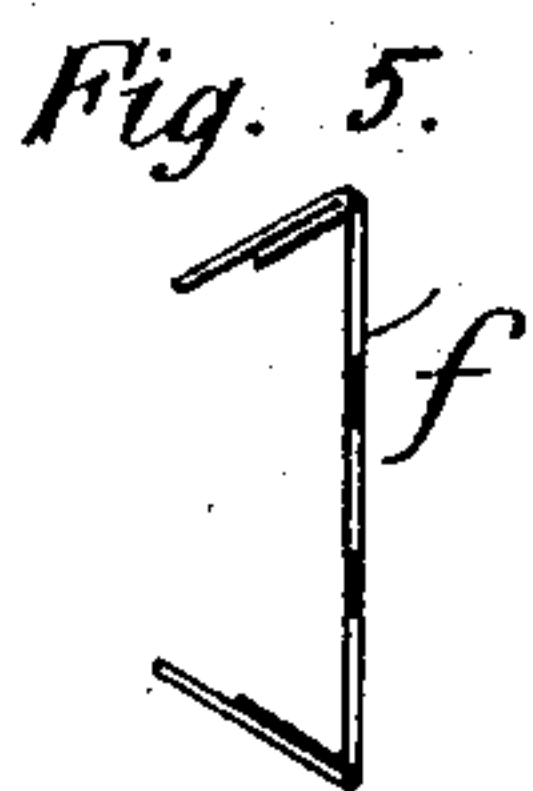
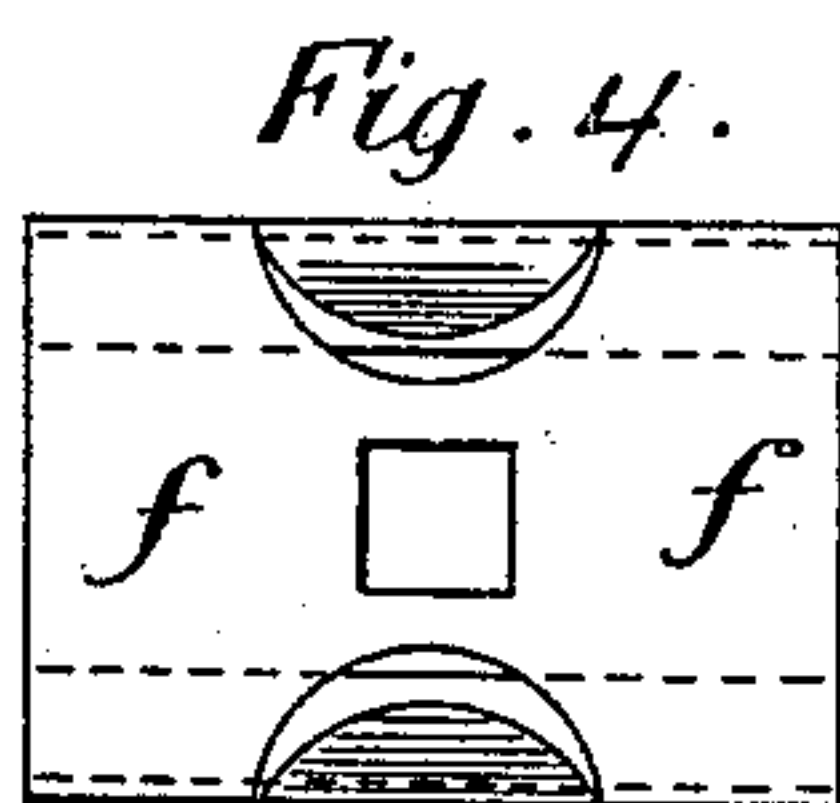
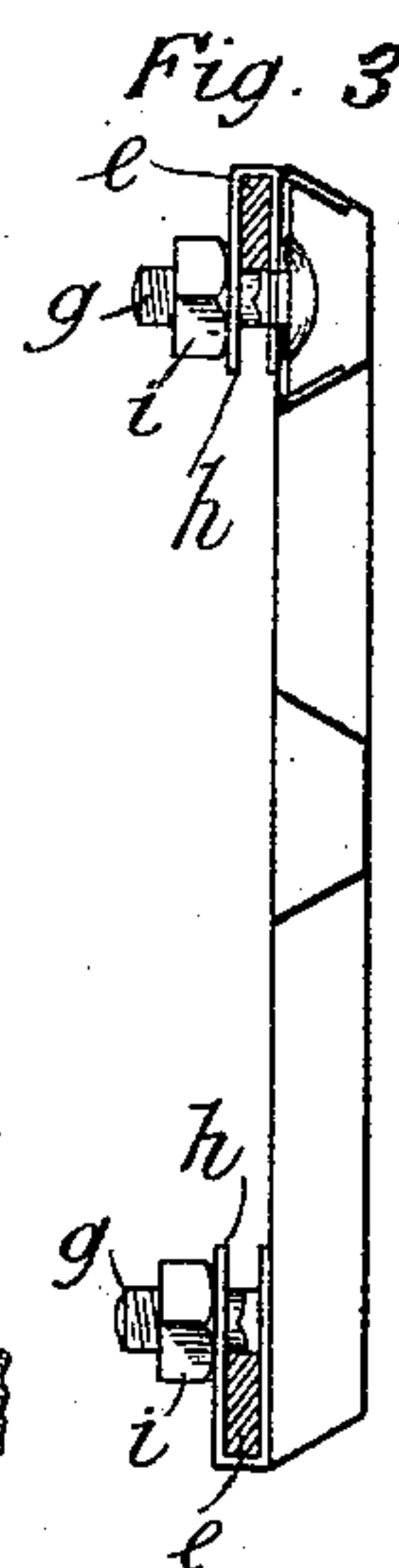
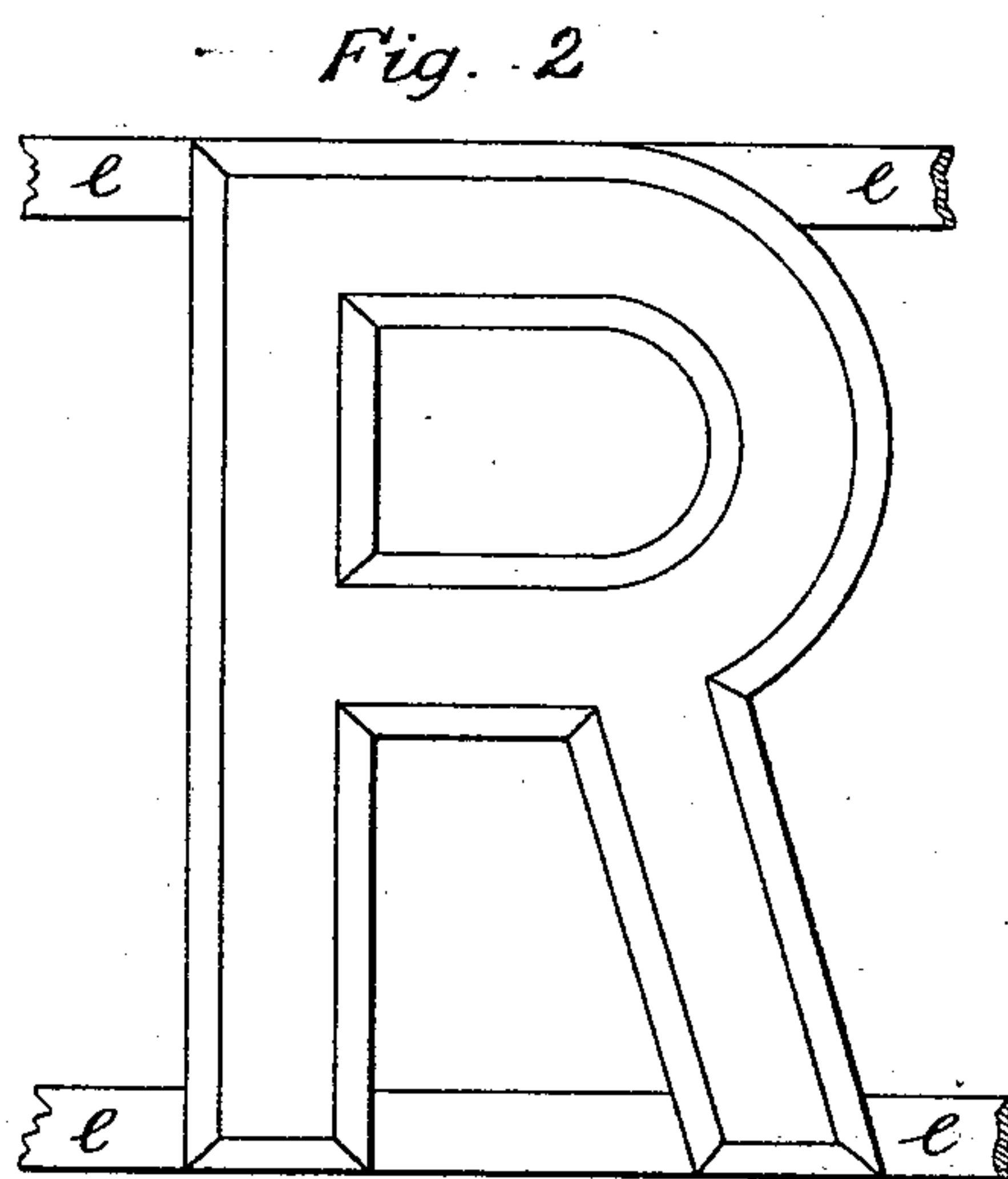
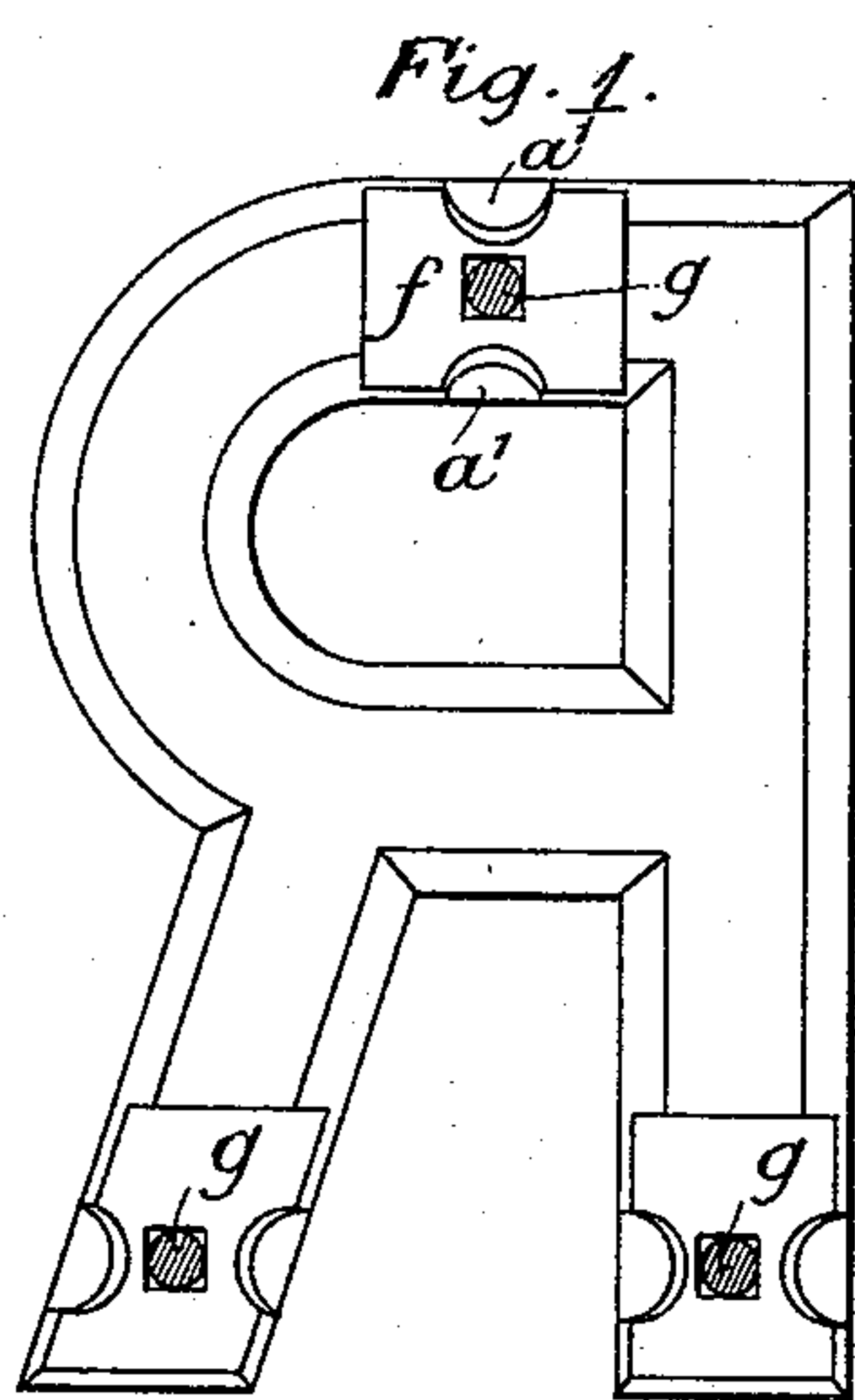
(No Model.)

A. STANDRING.

LETTER OR NUMERAL FOR SHOP FRONTS, OFFICES, SIGNS, &c.

No. 542,947.

Patented July 16, 1895.



Witnesses  
George Baumann  
Edith J. Griewla

Inventor  
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By his Attorneys  
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# UNITED STATES PATENT OFFICE.

ARTHUR STANDRING, OF HARPURHEY, MANCHESTER, ENGLAND.

## LETTER OR NUMERAL FOR SHOP-FRONTS, OFFICES, SIGNS, &c.

SPECIFICATION forming part of Letters Patent No. 542,947, dated July 16, 1895.

Application filed October 23, 1894. Serial No. 526,747. (No model.)

*To all whom it may concern:*

Be it known that I, ARTHUR STANDRING, a subject of the Queen of Great Britain and Ireland, residing at Harpurhey, Manchester, in the county of Lancaster, England, have invented improved letters or numerals to be used for shop-fronts, offices, sky-signs, and the like, and means for fixing the said letters or numerals in position, of which the following is a specification.

The principal object of this invention is to supply effective letters or numerals for advertisements which can be readily removed and changed and which can be cheaply made.

The main feature of this invention is that the letters or numerals are stamped from sheet metal—such as copper or brass—raised to any required height or thickness of letter, and provided with suitable means for affixing the same into position.

The annexed drawings illustrate the manner of forming and fixing my improved letters.

Figure 1 is a rear view of a letter provided with means according to my invention for securing it to a bar or rod. Fig. 2 is a front view of the letter showing it as secured to two bars, one at the top and one at the bottom. Fig. 3 is a side sectional view through the middle of the letter. Figs. 4 to 7 are details, explained hereinafter.

The letters are stamped up into the raised form shown by the sectional views, Figs. 3 and 6, or other similar form, and they are provided with lugs or flattened parts  $a'$ , (see Figs. 1 and 6,) adapted to be bent back, as shown.

I take a strip or piece of metal  $f$ , bent into the form shown detached at Figs. 4 and 5, and apply it to the letter in the form of a cross-piece or bridge-piece, as seen at Fig. 7. Lugs  $a'$  are formed on the letter and corresponding

slots formed in the cross-piece  $f$ , into which the lugs  $a'$  are forced to hold the said cross-piece  $f$  securely in place. (See Figs. 1 and 6.) I thus form a space for the head of a bolt  $g$ , which passes through a suitable square hole in the cross-piece  $f$ . I slip a suitable sliding clip  $h$  (see Figs. 6 and 7) upon the rail  $e$  and pass the bolt  $g$  through the ends of this clip and tighten the whole together by a nut  $i$ . The letter can thus be adjusted and fixed firmly in any desired position on the rail or bar  $e$ . The fastening device will be entirely concealed from view and the letters may be removed easily when required.

I have shown a rail  $e$  at both top and bottom of the letters, but for the smaller-sized letters one rail will be sufficient; or, if desired, for every large letter more than two rails may be employed.

I claim as my invention—

1. A hollow raised letter or numeral provided with lugs bent back out of sight, a cross piece held by the said lugs to form a space for a bolt head, a bolt passing through the cross-piece to secure the letter or numeral, substantially as set forth.

2. A hollow raised letter or numeral provided with lugs bent back out of sight, and a cross piece provided with slots into which the lugs are forced, in combination with a sliding clip  $h$  and a bolt passing through the cross-piece and the clip, all substantially as and for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ARTHUR STANDRING.

Witnesses:

CHARLES A. DAVIES,  
JNO. HUGHES.