C. HASS.

DEVICES FOR SECURING LEGS TO FURNITURE.

No. 194,903. Patented Sept. 4, 1877.

Fig. 1.

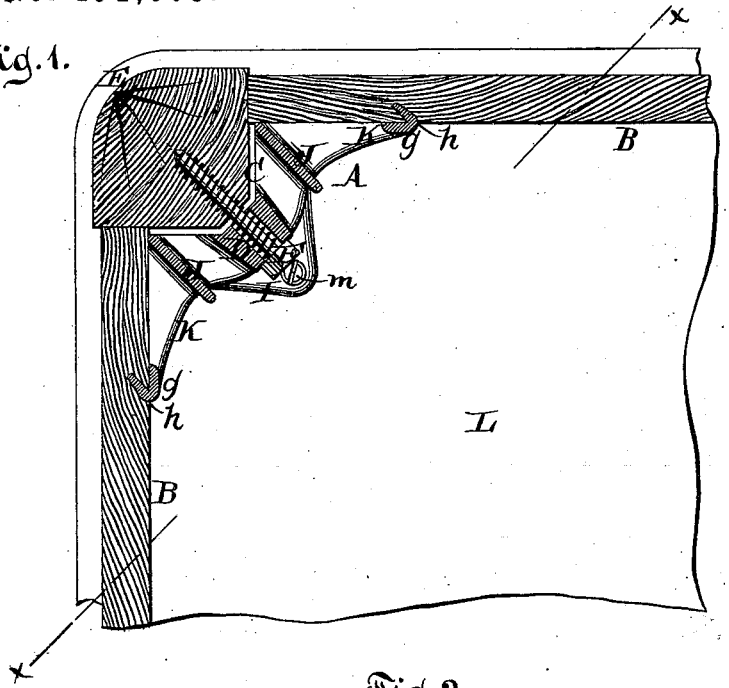
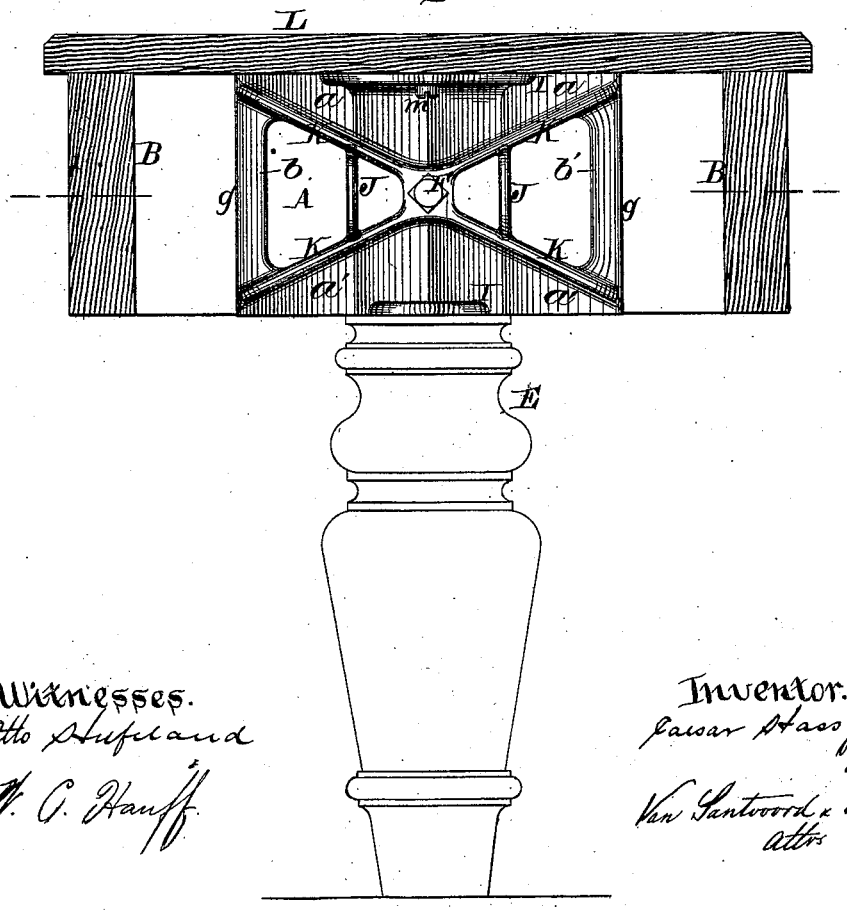


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE

CAESAR HASS, OF NEW YORK, N. Y.

IMPROVEMENT IN DEVICES FOR SECURING LEGS TO FURNITURE.

Specification forming part of Letters Patent No. **194,903**, dated September 4, 1877; application filed August 7, 1877.

To all whom it may concern:

Be it known that I, CAESAR HASS, of the city and county and State of New York, have invented a new and useful Improvement in Devices for Securing Furniture-Legs, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a horizontal section, looking upward, of a table containing my improvement. Fig. 2 is a vertical section thereof in the plane of the line *x x*, Fig. 1.

Similar letters indicate corresponding parts.

My improvement has reference to that class of devices consisting of a clamp or corner-piece, which is adapted to be secured to the interior surface of two adjoining rails of a table or other article, and to which the leg of the article is connected, so that the leg is thereby firmly held in place; and it has for its object to produce a device of this kind having a light and graceful appearance, and which, at the same time, possesses the requisite strength.

It consists in an upper and lower longitudinal web, connected together at the central part thereof by a socket-piece, and at their outer ends by transverse webs having spurs, by which the whole can be affixed to two adjoining rails of a table or other article, said upper and lower longitudinal webs, moreover, being provided with ribs on their inner edges, which extend from said socket-piece to the transverse webs, and are connected together by transverse ribs, and also provided with flanges on their outer edges, the flange of the upper web having a hole, in such a manner that if a screw is passed through said socket-piece the leg of the article can thereby be secured in position and the aforesaid spurs tightened, while, by the several webs, ribs, and flanges, the device is rendered capable of resisting a great amount of strain both in a longitudinal and lateral direction without presenting a bulky appearance, the hole in said upper flange, moreover, being adapted to receive a screw by which the whole can be secured to the top or platform of the article to which it is applied, all of which is hereinafter set forth at length.

In the drawing, the letter A designates a clamp or corner-piece constructed according to my invention, and which is arranged in the angle formed by two adjoining rails, B B, of a table.

a a' designate the upper and lower longitudinal webs of my device, the same being made of such shape as to form a recess, C, for the reception of the table-leg E. Said upper and lower longitudinal webs *a a'* are connected together at the central part thereof by a cross-piece, D, having a socket, and at their outer ends by transverse webs *b b'*. On the outer edges of said transverse webs *b b'* are formed spurs *g*, the same being made to extend the entire length of said edges, and in a suitable portion of the two rails B B are formed grooves *h*, to receive said spurs.

On the inner edge of each of the upper and lower longitudinal webs *a a'* is formed a rib, K, which extends from the socket-piece D to the transverse end webs *b b'*, said inner edges of the upper and lower longitudinal webs being preferably made oblique, as shown in Fig. 2.

The ribs on the inner edges of the upper and lower longitudinal webs *a a'* are connected together by transverse ribs J J, which are situated on opposite sides of the socket-piece D, and at equal distances therefrom.

On the outer edges of each of the upper and lower longitudinal webs *a a'* is formed a flange, I, and the flange on the upper web has a hole for the passage of a screw, *m*.

The table-leg E is placed in the recess C, and then a screw is passed through the socket-piece D, so as to catch in the leg, as seen in Fig. 1. This screw thus serves to fasten the leg, while at the same time, when it is driven home, it serves to tighten or clamp the spurs *g* in the grooves *h*.

The object of the longitudinal ribs K K and the flanges I I is to resist any strain endwise of my device, while the transverse ribs J J and end webs *b b'* offer great resistance to lateral strain.

I thus obtain a device having a light and graceful appearance, and which, at the same time, possesses sufficient strength to resist any amount of strain to which it may be subjected in the use to which it is put. The strain referred to is principally that of the clamping-

screw, which is passed through the socket-piece D.

A screw, *m*, is passed through the hole in the upper flange I, and into the top or platform of the table or other article to which my device is applied, and the same materially assists in retaining the whole in position.

I am aware of the patent to John H. Balsley, dated November 9, 1875, No. 169,613; but such does not illustrate the corner-piece or bracket constructed as claimed by me.

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

A clamp or corner-piece for securing furniture-legs, consisting of an upper and lower longitudinal web, *a a'*, a socket-piece, D, of transverse end webs *b b'*, having spurs *g*, longitudinal ribs K K, transverse ribs J J, and flanges I I, one of which has a screw-hole, all combined substantially as described, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 2d day of August, 1877.

CAESAR HASS. [L. S.]

Witnesses:

B. B. ZIPPERT,

W. HAUFF.