

W. E. CLARK.
CLAMP FOR TABLES.
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974,026.

Patented Oct. 25, 1910.

Fig. 1.

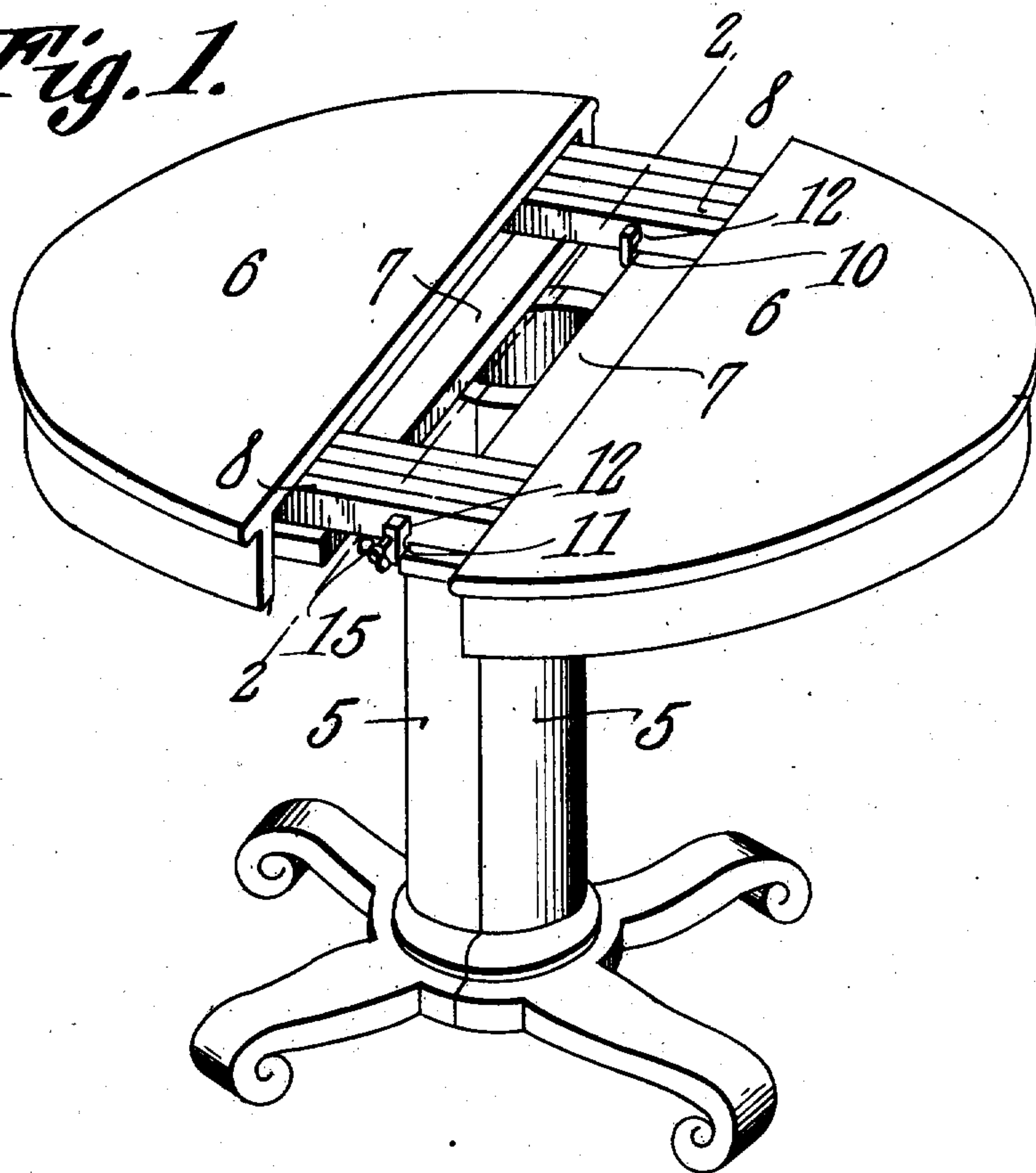
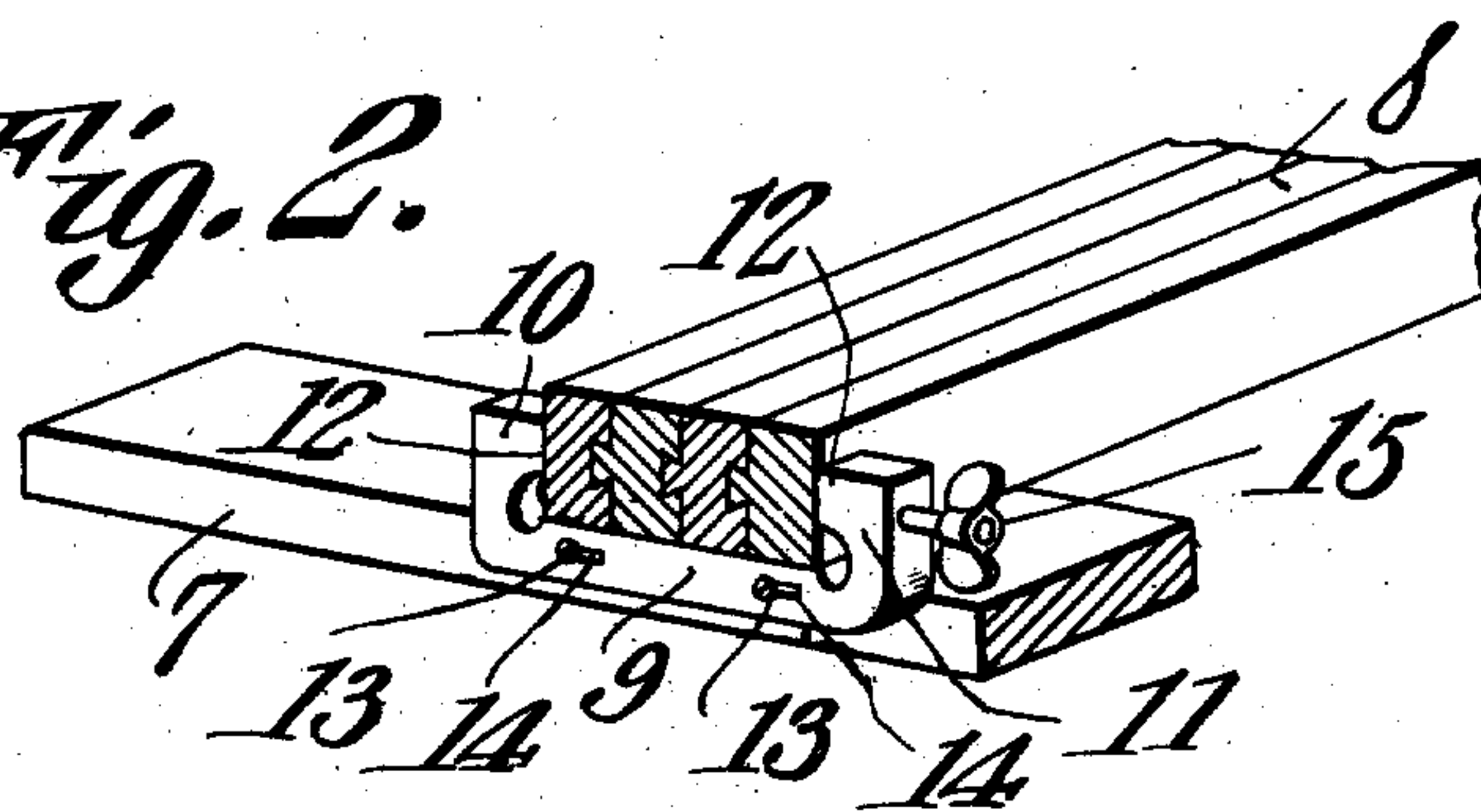


Fig. 2.



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CLAMP FOR TABLES.

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To all whom it may concern:

Be it known that I, WALTER E. CLARK, a citizen of the United States, residing at Hughesville, in the county of Lycoming and State of Pennsylvania, have invented a new and useful Clamp for Tables, of which the following is a specification.

This invention relates to improvements in devices for locking the top of an extension table when closed or open, or when supplied with additional fillers.

The adjustable slides of extension tables are fastened to the two sections of the top of the table and the extension of these two sections is limited by the action of the slides. Therefore, if the slides are locked at any point of their extension, the top of the table to which they are fastened remains rigid with the extended slides, additional leaves may be inserted and when placed in position, if the slide is locked, the top section with the inserted leaves is held rigidly in place and cannot be opened without first unlocking the slides.

It is the object of the invention to provide a device of this kind which is extremely simple in construction, and which can be readily applied to any ordinary extension table without altering or modifying the structure thereof.

Another object of the invention is to provide a locking device which will not interfere with the free sliding movement of the parts when the table is to be placed in extended position.

With these objects in view, the invention consists in a novel construction and arrangement of parts to be hereinafter described and claimed, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of the table, showing the application of the invention. Fig. 2 is a transverse section on the line 2—2 of Fig. 1.

The drawing shows a divided pedestal extension table, but it will be understood that the device may be applied to any other form of extension table.

The two pedestal sections are indicated at 5, and the table top sections at 6. To the top of the pedestal sections are rigidly secured cross bars 7 which support the extension slides 8. The locking device is mounted on one of the bars 7, and comprises a U-

shaped clamp consisting of a bar 9 having upturned ends 10 and 11 respectively, terminating in inturned portions 12 between which the extension slides are received. The bar 9 is secured to the inner edge of the bar 7 by means of screws or other suitable fastening means 13 passing through slots 14 in the bar 9 and into the bar 7. The slots 14 extend in the direction of the length of the bar 9 for a purpose to be presently made clear.

At 15 is indicated a clamping screw which is threaded through the upturned end 11 of the device so that it may be screwed against the adjacent slide 8.

The device herein described forms a clamp, the fixed jaw of which is the upturned end 10, and the movable jaw the screw 15; and upon turning the screw in the proper direction, the slides 8 will be tightly clamped between the jaws. The slides are released by backing the screw. By thus pressing or drawing the slides together, the table sections are rigidly locked in adjusted position. The slots 14 permit the clamping device to move slightly on the bar 7, in a direction transverse of the slides, when the screw 15 is operated to clamp the slides, and upon loosening the screw to release the slides, the slight resiliency in the latter, forces the clamping device back to its original position, which leaves the slides entirely free, and enables them to be adjusted without danger of binding or sticking, which would be liable to happen if the clamp were rigidly secured to the bar 7.

The device herein described forms a simple and efficient lock for holding the table sections in adjusted position, and it can be readily applied to any ordinary extension table without altering or modifying the structure thereof in the least.

It will be understood, of course, that a clamping device as herein described may be applied to each set of extension slides as shown, or one side only. It will also be apparent that various modifications in the clamp structure may be resorted to without a departure from the invention, provided, however, that the clamp is attached so that it will move freely for the reasons set forth.

What is claimed is:—

The combination with an extension table and its slides, of a U-shaped clamp mounted

on one of the table sections, and engageable
with the slides for locking the same together
edgewise, the intermediate portion of the
clamp being slotted, and fastening means
5 passing through said slots whereby the
clamp is loosely mounted and free to yield
in a direction transverse of the slides.

In testimony that I claim the foregoing
as my own, I have hereto affixed my signa-
ture in the presence of two witnesses.

WALTER E. CLARK.

Witnesses:

ERMIN F. HILL,
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