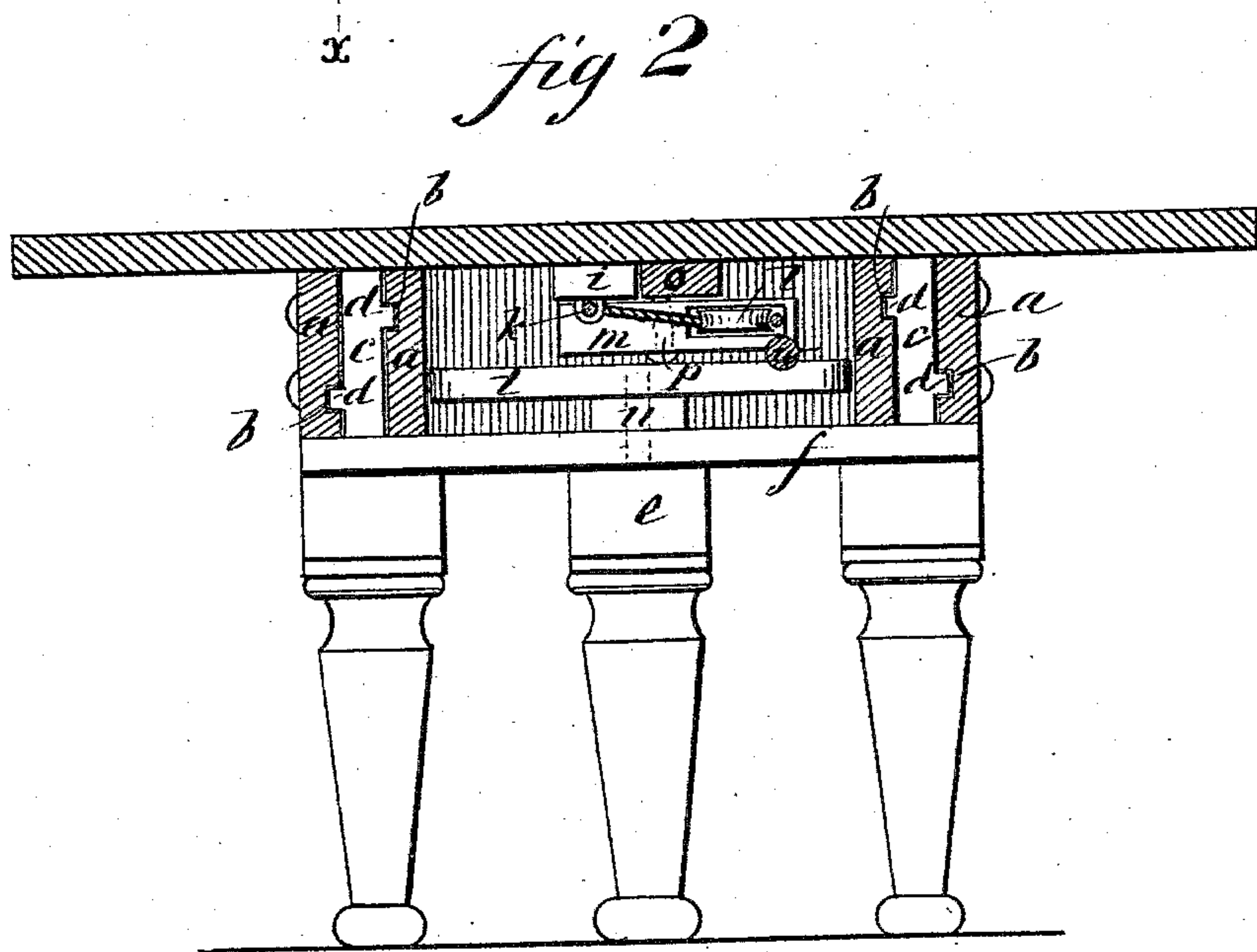
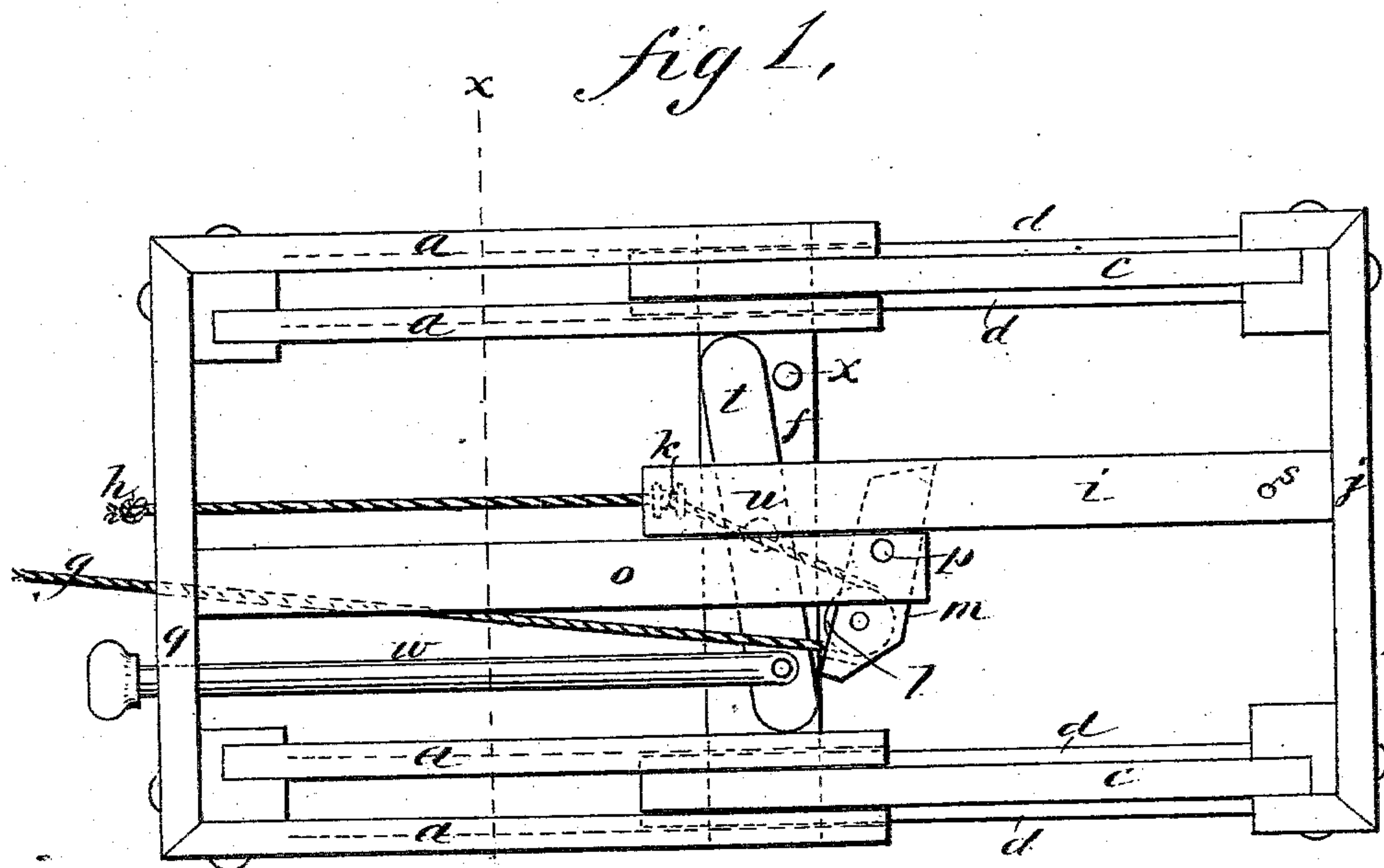


(Model.)

W. J. DEVERS.
EXTENSION TABLE.

No. 283,582

Patented Aug. 21, 1883.



WITNESSES:

Chas. T. Howell,
C. Sedgwick

INVENTOR:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM JOSEPH DEVERS, OF PROVIDENCE, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO WILLIAM T. O'MALLEY, OF SAME PLACE.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 283,582, dated August 21, 1883.

Application filed April 12, 1883. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM J. DEVERS, of Providence, in the county of Lackawanna and State of Pennsylvania, have invented a new
5 and Improved Extension-Table, of which the following is a full, clear, and exact description.

The object of the invention is to improve extension-tables, as hereinafter described, and pointed out in the claim.

10 Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

15 Figure 1 is a plan view of my improved table with the cover removed, and Fig. 2 a transverse section on line *x x* of Fig. 1.

I make the extension-slides of the frame to consist of the two parallel bars *a* for one end, placed a suitable distance apart, and having
20 grooves *b* in the confronting sides, and the single bars *c*, attached to the other end and sliding between bars *a*, and having ribs *d*, that run in the grooves of bars *a*, thus making a substantial sliding or extension frame that will
25 not sag between the supports. In this case I have represented a central leg, *e*, for support of the frame at the middle by means of the cross-bar *f*; but with this form of extension-frame this leg *e* may be dispensed with.

30 To slide the table apart or together by the ropes *g* and *h*, I have one bar, *i*, attached to end *j* of the table, to which bar the ropes are attached at *k*, from where rope *g* passes over a pulley, *l*, which in this case is arranged in
35 one end of a lever, *m*, pivoted to bar *o* at *p*, but which may be arranged directly on said

bar, in case lever *m* is not used. The bar *o* is attached to the other end, *q*, of the table, so that it will be seen that by pulling rope *g* the table will be extended, and by pulling *h* it will
40 be shortened. The object of lever *m* is to act on a pin, *s*, from the fulcrum *p* with greater force than the direct pull of the rope will effect, to overcome the tendency of the parts to stick together and facilitate the starting of the ex-
45 tension.

For a binder to clamp the extension-bars *a* and *d* together and fasten them in any position, I employ the bar *t*, fixed on the pivot *u*, and having a push-and-pull rod, *v*, connected to it
50 to swing it, so as to cause the ends to press inside bars *a* against bars *c* and outside bars *a*, the latter being made fast to the cross-bar *f*, but the inside bars *a* and the bars *c* being unconnected. The stop-pin *x* prevents the
55 binder *t* from being swung too far.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An extension-table having one stationary
60 and one movable section, the stationary section being provided with parallel side bars, *a*, and bar *o*, and the movable one with the bars *c i c*, in combination with the ropes *g h*, attached to bar *i*, the lever *m*, fulcrumed upon
65 the bar *o*, as set forth, the pulley *l* on one end of said lever, and the pin *s* on said bar *i*, as shown and described.

WILLIAM JOSEPH DEVERS.

Witnesses:

E. J. LYNETT,
H. T. BRENNAN.