(No Model.)

G. B. YOST.

KNOCKDOWN TABLE.

No. 573,428. Patented Dec. 15, 1896.

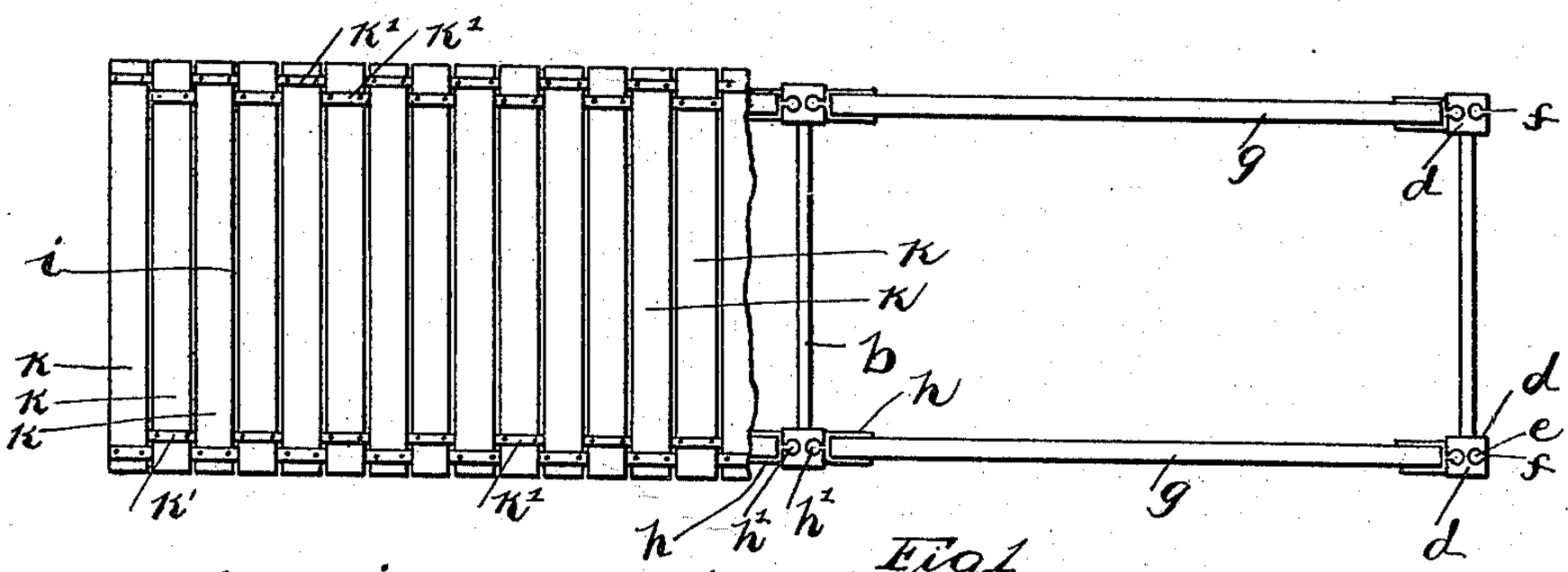

Fig. 1

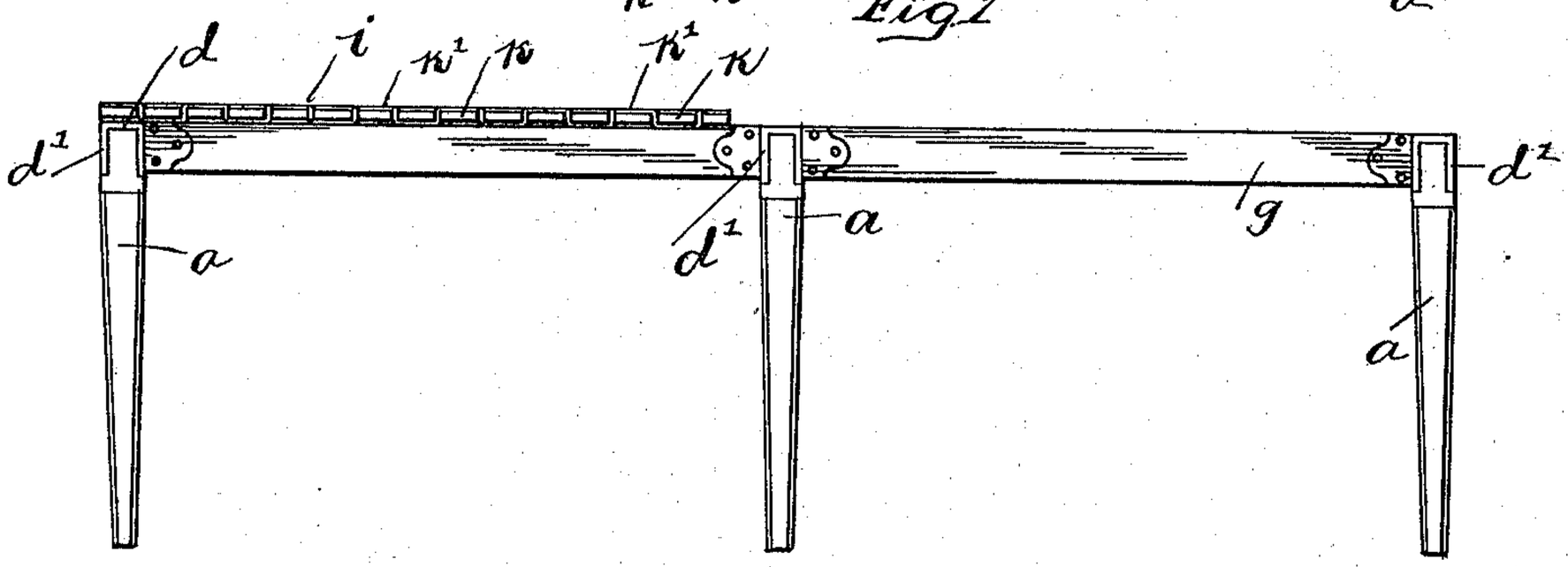

Fig. 2

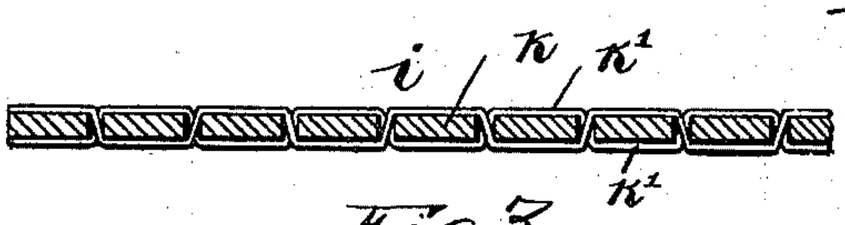

Fig. 3

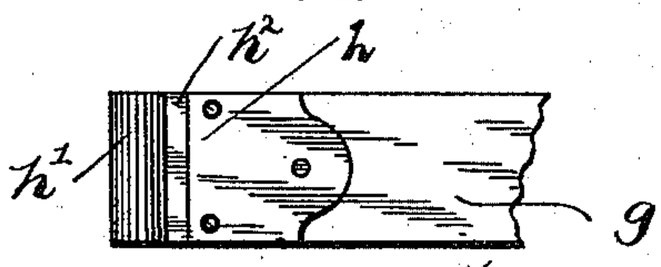

Fig. 4

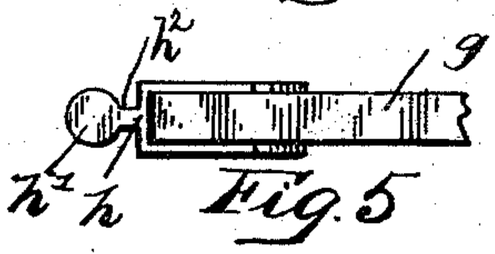

Fig. 5

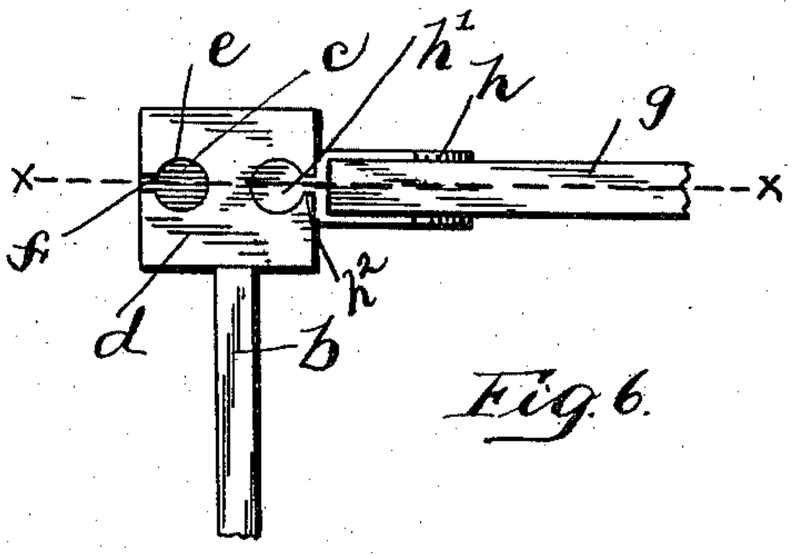

Fig. 6.

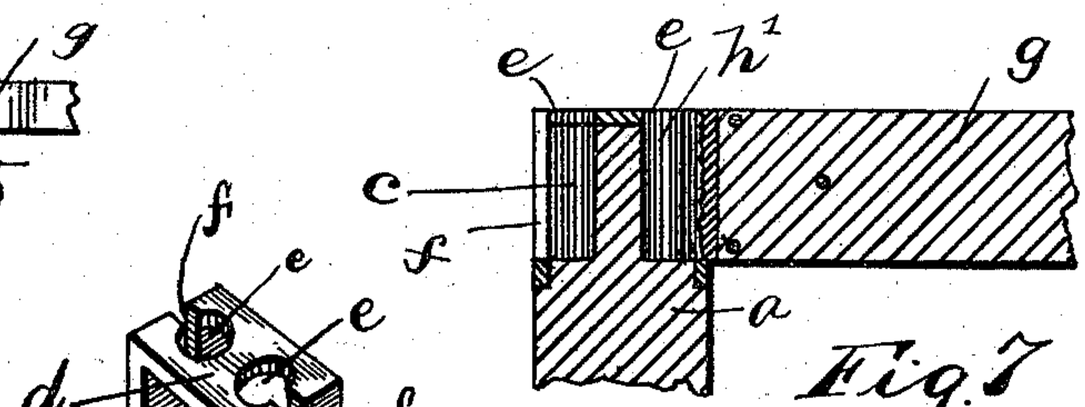

Fig. 7

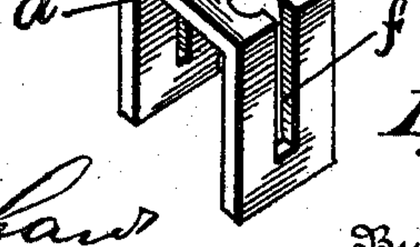

Fig. 8.

Witnesses
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UNITED STATES PATENT OFFICE.

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KNOCKDOWN TABLE.

SPECIFICATION forming part of Letters Patent No. 573,428, dated December 15, 1896.

Application filed July 1, 1895. Serial No. 554,542. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. YOST, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Knockdown Tables, of which the following is a specification.

My invention relates to the improvement of tables, and has particular relation to that class of tables known as "knockdown" tables.

The objects of my invention are to provide a table of this class of superior construction and arrangement of parts which will be particularly adapted for use in the display of samples in hotel and other rooms; to provide improved means for connecting the various parts or sections of the table and extending the same; to provide in conjunction therewith an improved detachable table-top, and to produce other improvements the details of construction of which will be more fully pointed out hereinafter. These objects I accomplish in the manner illustrated in the accompanying drawings, in which—

Figure 1 is a plan view showing two frame-sections of my improved table united and showing a portion of the top thereof broken away. Fig. 2 is a side elevation of the same. Fig. 3 is a longitudinal section of a portion of a table-top slightly enlarged from that shown in Figs. 1 and 2. Fig. 4 is a side elevation of one of the table side-bar ends. Fig. 5 is a plan view of the same. Fig. 6 is a plan view showing one of the table-frame corners. Fig. 7 is a sectional view on line $x\,x$ of Fig. 6, and Fig. 8 is a detail view in perspective of one of the leg-caps.

Similar letters refer to similar parts throughout the several views.

In the construction of my improved table I employ supporting frames or standards, each of which consists, as shown in the drawings, of two vertical legs a, which are connected at their upper ends by a transverse end bar b, the upper side of the latter being preferably flush with the tops of said legs.

In the upper end portion of each of the legs a and in opposite sides thereof which are at right angles with the sides with which are connected the end bars b I provide vertical recesses c. Over the top or upper end of each of the legs thus recessed I provide a fixed cap or clip d, the vertical arms or sides d' of which embrace, as shown, opposite sides of the upper end portion of the leg. Through the upper side or top of the cap or clip d I provide socket-openings e, the latter being, as shown, immediately over the recesses c and arranged at short distances from the sides of the clip-body. In each of the clip sides d I provide a vertical slotted opening f, which has its lower termination a short distance above the lower end of the clip side, these slotted openings f communicating, as shown, with the larger openings e and leg-recesses c. In this manner a narrow vertical neck or outlet is provided for each of the leg-recesses, which results in the formation of sockets in opposite sides of the leg, said sockets being substantially keyhole shape in cross-section.

g represents the longitudinal or side bars of my improved table-frame, each of which is provided at each end with an extension consisting of a clip h, which embraces the end of the side bar to which it is secured, said clip h having an end extension in the form of a vertical key h', which is connected with the body of the clip by a narrow neck h^2. These key extensions h' of the side bars are adapted to be inserted vertically into the sockets of the leg tops and caps d, the neck portions h^2 of the clips h being adapted to fit, as shown, in the recesses f of said caps. Although these side-bar key terminations are shown as substantially round in cross-section, and the socket-openings in the clips are shown in a similar form, it is evident that said keys and socket-openings may be square or of other desirable shapes.

From the above construction it will be seen that a table or one section thereof will consist of two of the supporting frames or standards and two of the side bars g detachably connected with said standards in the manner specified.

As indicated in the drawings, one table-section formed as above described may readily be united with another similar section by producing an engagement of the key projections h' of the second section with the outer

sockets *c* of the first section. In this manner it is evident that any desired number of table-sections might be coupled together.

In covering the table or tables formed as above described I preferably employ a flexible table-top *i*, said table-top consisting of parallel transverse bars *k*, the latter being united adjacent to their ends by flexible hinge-straps *k'*. In producing this connection I employ an outer strap, which is arranged to pass successively over and under the straps *k* and which is secured to the respective upper and lower sides over which said strap passes. Adjacent to this outer strap I employ a second similar strap, which, as prescribed for said outer strap, passes over and under said strips *k* successively. In securing this inner strap to the bars *k* said strap is made to pass over such bars as the outer strap passes under.

It is evident that in order to produce a thorough and more complete jointed connection of the bars *k* I may employ two of said hinge-straps through the center of the table-top bars, if so desired.

As will readily be seen, a jointed table-top of the construction described may be made of any desired length, and when not in use may be folded or rolled up into a compact space.

From the construction and arrangement of parts which I have herein shown and described it will be observed that an improvement of a knockdown character may be produced at a reasonable cost of manufacture, and that the same will be exceedingly durable and strong, and, while adapted for ordinary table uses, will be found of great service in the construction of hotel sample-tables.

As will readily be seen, the construction of my improved table admits of the parts thereof being separated and packed into a comparatively small space in an exceedingly short space of time with slight labor, thus admitting of the removal of the tables from hotel or other rooms without injury to walls or woodwork, which, as is well known, often attends the removal of long rigid tables.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

In a table construction the combination with the supporting-standards consisting of the connected legs, of vertical recesses formed in opposite sides of the upper portions of said legs as described, and clip or cap plates embracing the top and opposite sides of each of said legs, socket-openings in the top plate of said clip or cap and narrower slotted openings communicating with said socket-openings and formed through the sides of the cap, of side bars having vertical key extensions at their ends, said key extensions being adapted to fit within and engage with said cap-openings and leg-recesses and a suitable cover for the frame thus formed, substantially as and for the purpose specified.

GEORGE B. YOST.

In presence of—
HARRY S. SHOTWELL,
D. J. BLAND.