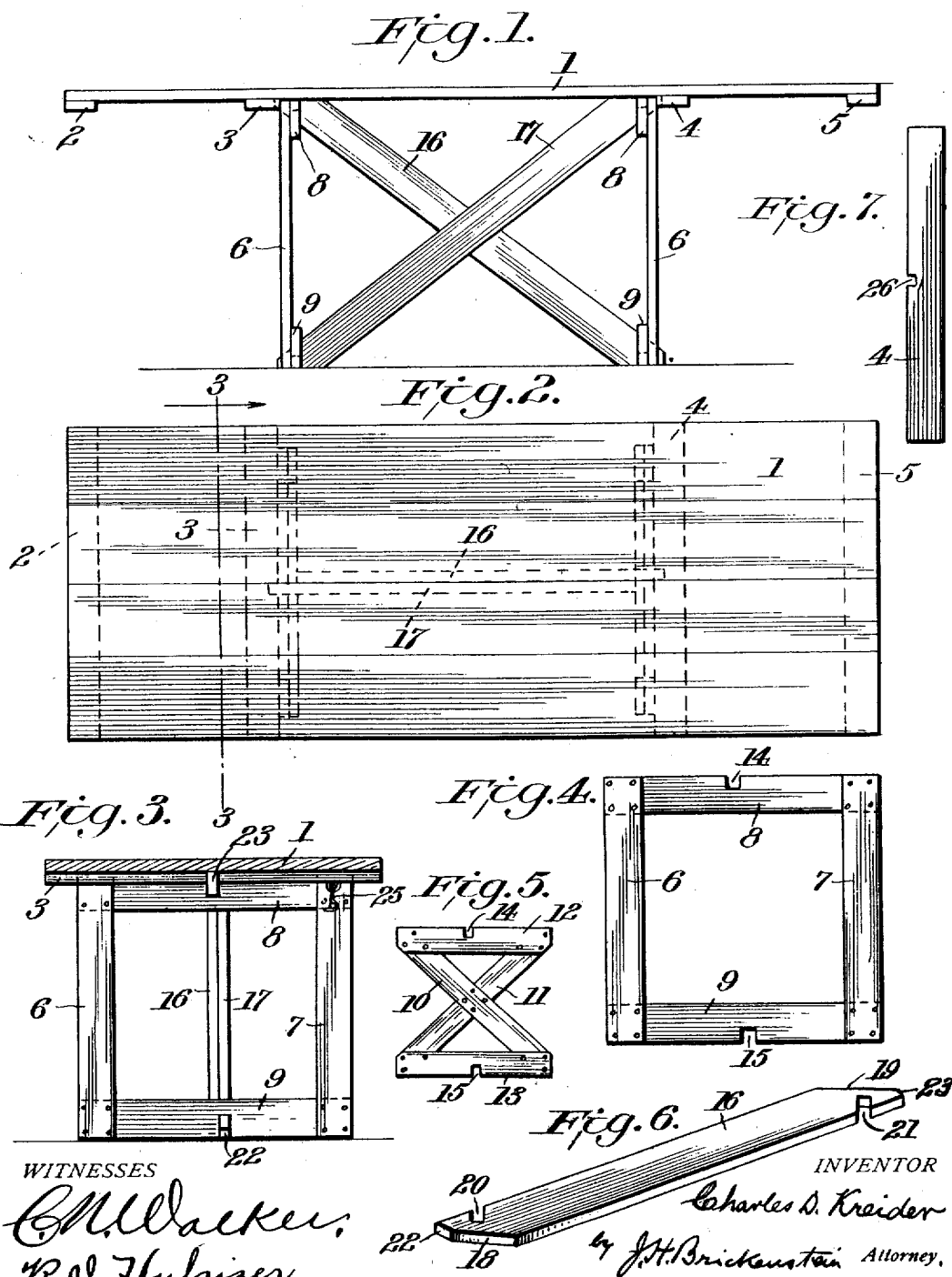


C. D. KREIDER.
 KNOCKDOWN TABLE.
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1,028,741.

Patented June 4, 1912.



UNITED STATES PATENT OFFICE.

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1,028,741.

Specification of Letters Patent.

Patented June 4, 1912.

Application filed November 11, 1911. Serial No. 659,688.

To all whom it may concern:

Be it known that I, CHARLES D. KREIDER, a citizen of the United States, residing at Lititz, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Knockdown Tables, of which the following is a specification.

My invention relates to a knock-down table, and has for its object to provide a table of this kind at which, when set up, as many people as possible can be comfortably seated, and which can still be taken down, and set up easily and quickly, and which will occupy but little room in storage.

A further object is to provide a table which can be set up as a single table or in lengths, squares or other combinations. These objects I attain by the constructions shown in the accompanying drawings, in which:—

Figure 1 is a side elevation; Fig. 2, a plan; Fig. 3 is a section on plane 3—3 of Fig. 2; Fig. 4 an elevation of a leg-portion; Fig. 5 an elevation of a modified form of leg-portion; Fig. 6, a perspective view of one of the struts; and Fig. 7 shows a plan view of one of the cleats.

In the drawings, 1 is the top of the table, which may be made up of several boards having transverse cleats 2, 3, 4, 5, secured to the bottom side. The leg frames may be made of four boards 6, 7, 8, 9, secured together by nails, screws or bolts to form a rectangle as in Fig. 4; or they may be made of top and bottom pieces 12, 13, to which are secured cross-pieces 10, 11, firmly nailed or screwed together at their intersection. The upper cross pieces 8 or 12 have each a notch 14 at the middle, and the lower cross pieces 9 or 13, a similarly located notch 15.

16 and 17 are cross braces, made of rectangular boards having their ends beveled or inclined so that the beveled portions 18, 19 will be horizontal and parallel to each other when the table is set up. Notches 20, 21 are arranged, as shown, to hook into the notches 14, 15 of the upper and lower cross-pieces 8, 9. The corner portions 22, 23 extend into notches 26 in the cleats 34 (see Fig. 7). By hooking the cross-braces into the notches in the cross-pieces of the legs, the

latter will be held in upright position and locked together. The top is then placed in position, and will be held against longitudinal movement by engagement of the cleats with the top of the leg-frame, and against transverse movement relatively to the leg-frames by the engagement of the ends 22, 23 of the cross-braces with the notches 26 in the cleats 34, the weight of the top serving at the same time to prevent accidental upward disengagement of the cross-braces from the top cross-pieces 8, 8 of the legs. If desired, the legs may be made as in Fig. 5, by which arrangement, the legs are removed from engagement with the knees of the diners. If greater strength is desired, iron hooks might be used in place of the hooks formed at notches 20, 21, and additional securing means such as a hook 25 on the top engaging a staple on the leg, may be used to secure the top and legs, but such additional means have, in practice, been found unnecessary. It is further evident that the boards forming the leg-sections might be mortised at the joints, thereby making the legs occupy less space in packing away. It will be noted that the location of the cross-braces along the median line of the table keeps them out of the way of the knees of the users, and that the table-top, leg-frames and cross-braces mutually interlock to insure stability of the table as a whole and lateral or longitudinal displacement of the table-top on the supports is prevented.

I claim:

A knock-down table comprising a top having spaced cleats on its under side, said cleats having notches near the middle, leg-frames arranged to engage such cleats, said frames having notched upper and lower cross-bars, and detachable crossed braces having notches at each end for engaging the notches in the cross-bars of the leg-frames, the upper ends of the braces being adapted to engage the notches in the cleats.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES D. KREIDER.

Witnesses:

E. S. HAGAR,
F. E. GRUNERT.