D. OROFINO.

FOLDING TABLE.

APPLICATION FILED OCT. 5, 1915.

1,206,582.

Patented Nov. 28, 1916.

2 SHEETS—SHEET 1.

Fig. 1.

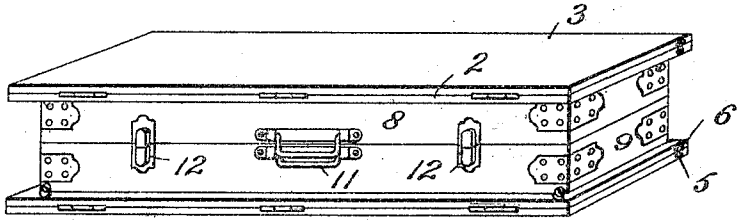
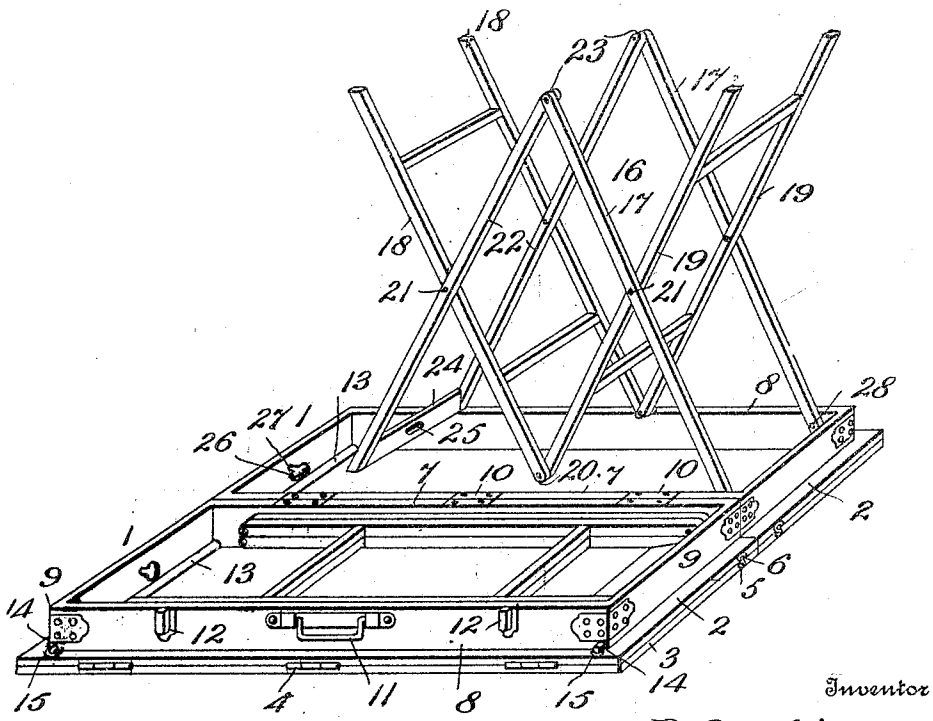


Fig. 2.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

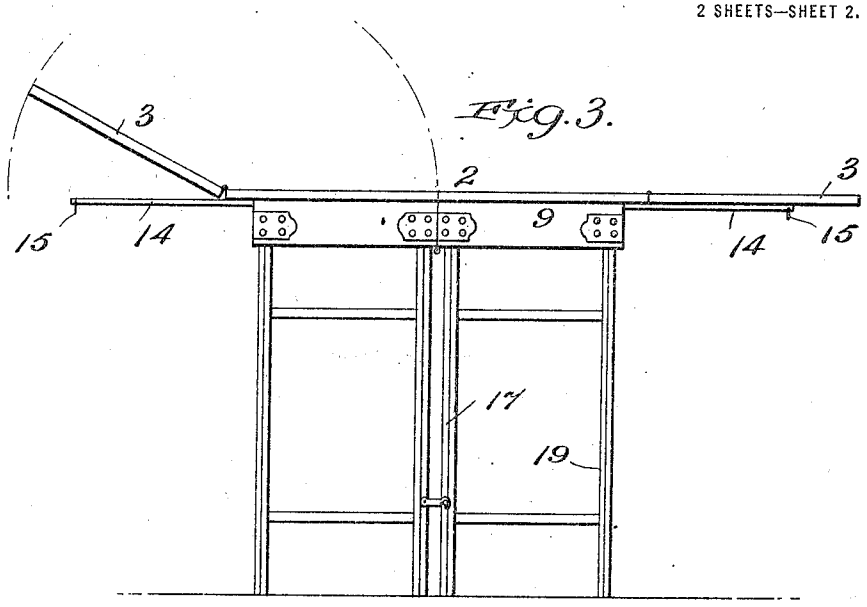


Fig. 4.

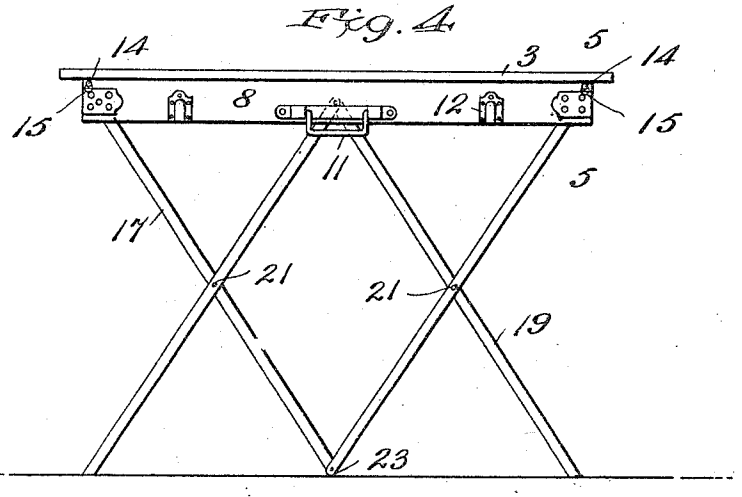
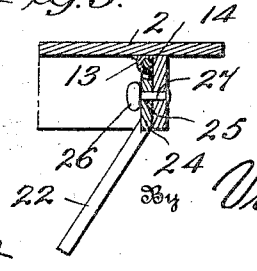


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

DOMENICO OROFINO, OF NEW YORK, N. Y.

FOLDING TABLE.

1,206,582. Specification of Letters Patent. Patented Nov. 28, 1916.

Application filed October 5, 1915. Serial No. 54,212.

To all whom it may concern:

Be it known that I, DOMENICO OROFINO, a subject of the King of Italy, residing at New York city, in the county of New York and State of New York, have invented new and useful Improvements in Folding Tables, of which the following is a specification.

This invention relates to folding tables, and has for its primary object the provision of hingedly connected receptacle forming sections which are designed to constitute the top of the table when the latter is operatively set up for use, and further designed whereby to permit of an accommodation of the legs of the table when said sections are folded, thus permitting the entire structure to be conveniently carried from place to place.

Another object of the invention resides in the provision of a table consisting of hingedly connected sections, supporting legs carried by said sections, and means to permit the legs to be respectively adjusted to operative and inoperative positions and maintained in relatively rigid or fixed conditions when the top forming sections are opened.

In the drawings:—Figure 1 is a perspective view of the device showing the two top forming sections folded onto one another. Fig. 2 is an inverted perspective view of the device showing the hinged sections thereof in a partly set up position and illustrating the extended condition of the legs of one section and the folded condition of the legs of the other section. Fig. 3 is a side view showing the top forming sections folded to lie in the same general direction with each other and the legs adjusted to an operative supporting position. Fig. 4 is a side view of the table looking at right angles to the position indicated in Fig. 3. Fig. 5 is a section taken on the line 5—5 of Fig. 4.

The portable and folding table as herein designed, consists of substantially identical sections 1—1 which are adapted to constitute the top of the table when the device is set up, as clearly illustrated in Figs. 3 and 4. Each of these sections is provided with a main top forming body 2 or fixed leaf and a folding leaf 3, the latter being hinged to the former as at 4, and adapted to be folded thereonto, as shown in Fig. 2. It may be retained in the just mentioned position by means of swinging hooks 5 on the swinging leaves 3 and pins 6 on the fixed leaves 2. Extending from each of the fixed leaves 2 are longitudinal walls 7 and 8 and connecting end walls 9—9. The walls 7 of the two sections 1—1 are hingedly connected together as at 10, so that both of said sections 1—1 may be folded onto each other, as shown in Fig. 1, and the device made to assume the appearance of a case. The walls 8 of both sections carry handle devices 11 which are alined with each other and so related to one another that they may be grasped in the hand of the operator when carrying the structure from place to place. Suitable latch devices 12—12 are employed for holding the sections 1—1 closed onto each other.

Tubes 13 are fixed within the sections 1—1 and sliding in the tubes and adapted to be extended therefrom, are rods 14. These rods are adapted to be extended across the joints between the leaves 2 and 3, as shown in Fig. 3, so as to support the hinged leaves 3 in positions corresponding with the position of the fixed leaves 2. These rods are provided with suitable manipulating rings 15 or the equivalent thereof, which are designed for the purpose of permitting the rods 14 to be freely withdrawn from the sections 1—1 by the hand of the operator and disposed in active supporting positions beneath the hinged leaves 3.

Each section 1 of the table structure is provided with a supporting leg 16 of substantially lazy-tong formation and including a set of bars 17—17, a set of similar bars 18—18 which are pivotally connected with similar bars 19—19, as shown at 20. The bars 17 are pivoted at 21 to the bars 19 at points between the ends of the latter. Additional bars 22—22 are pivoted at 23 to the bars 17, while at the opposite ends the mentioned bars 22 are provided with a rigid cross bar 24 having a slot 25 therein which preferably extends in a longitudinal direction. This slot is adapted to receive a relatively flat head 26 of a rotatable locking device 27, and it is stated that said device, after being inserted through the slot, may be adjusted to lie at right angles thereto so as to hold bar 24 securely and operatively confined against the adjacent end wall 9. The opposite end wall 9 of the table section pivotally receives the bars 17—17 as at 28.

It now follows that when the locking devices 27 are released from their locking engagement with the bars 24 of the folding legs, the several bars which go to constitute

the legs may be very compactly folded with relation to one another, and then arranged to snugly fit between the longitudinal and end walls of this section of the table, as shown in the drawings.

The companion leg structures of the two sections 1—1 may be interconnected with one another by means of a keeper bar 29 pivoted to one of the leg structures as at 30, and on reference to the drawings it is seen that the said bar is provided with a hook 31 which receives a pin 32 on the leg structure of the opposite or companion section of the table. After the legs are extended to either of the positions shown in Figs. 3 and 4, a rigid relation of the parts results and the table is then capable of being put to all of the ordinary uses common to tables of well known construction.

The device is of a form which can be manufactured at a relatively low cost; it is strong and durable and of a character which, when folded and formed into the position shown in Fig. 1, will permit of its being stored in a comparatively small space and yet arranged so that it can be most expeditiously moved about from place to place, and set up into an active table forming condition at the requisite time.

What is claimed as new is:—

A table comprising a top, side and end frame walls attached thereto, a plurality of sets of lazy tong legs pivotally connected together, one set of legs being pivotally connected with the side frame walls at the inner sides thereof and in the vicinity of one end of the top, and means located on the end wall of the frame at the opposite end of the top, and at the inner side thereof for securing one of the other sets of legs to the end frame of the wall at the opposite end of the top.

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

DOMENICO OROFINO.

Witnesses:

OROFINO MICHELE,

GEO. A. BYRNE.