

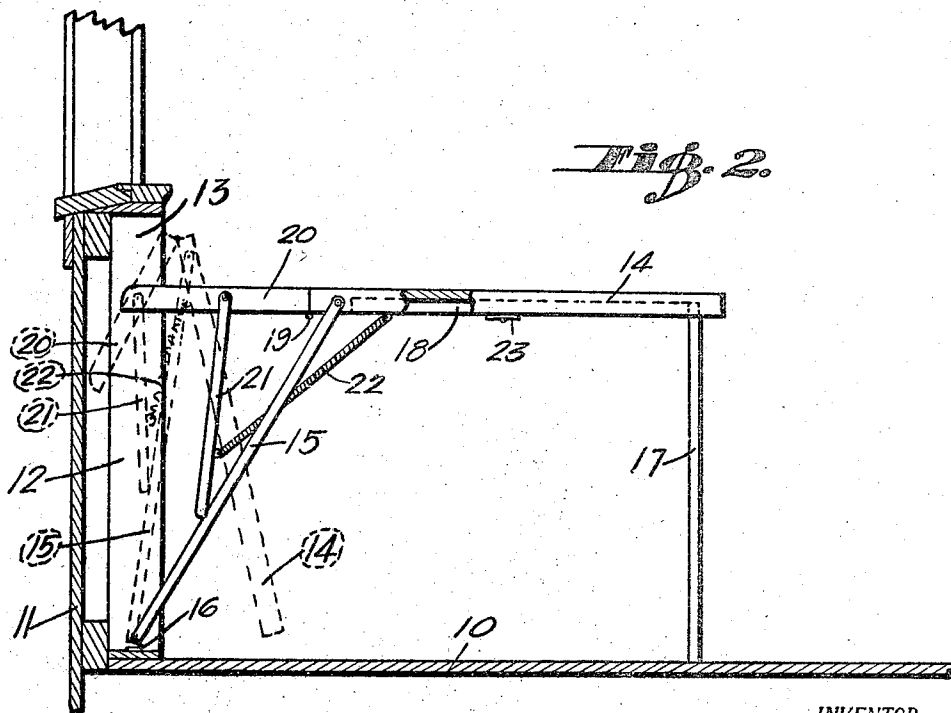
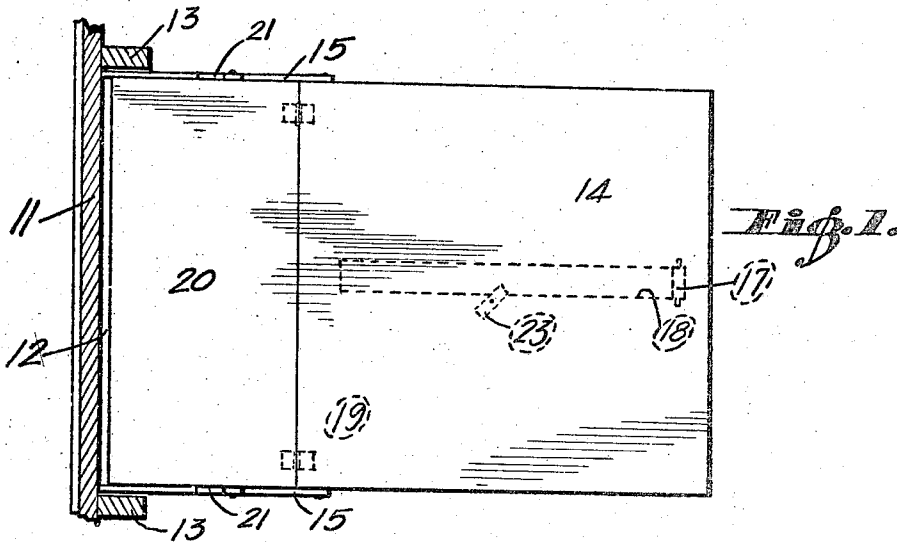
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A. H. KROSCHER

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TABLE

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INVENTOR.

August H. Kroscher

BY

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UNITED STATES PATENT OFFICE.

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TABLE.

Application filed June 20, 1921. Serial No. 478,964.

To all whom it may concern:

Be it known that I, AUGUST H. KROSCHER, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Tables, of which the following is a specification.

My invention relates to new and useful improvements in tables, the principal object of my invention being to provide a relatively simple and inexpensive folding structure which, when in open or unfolded position, serves as a table, and the construction of said folding structure being such that it can be easily and quickly collapsed and folded so as to occupy a comparatively small space, for instance, a shallow pocket that may be formed in a wall or partition.

Further objects of my invention are to provide a strong and substantial folding table that is capable of being easily and quickly folded and unfolded, and, further, to provide relatively simple and efficient means for firmly supporting the table when the same is unfolded or shifted into position for use.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will be hereinafter more fully described and claimed, and illustrated in the accompanying drawings, in which—

Fig. 1 is a top plan view of a folding table of my improved construction and showing the same associated with the wall structure of a building.

Fig. 2 is a section taken approximately on the line 2—2 of Fig. 1 and showing the table in side elevation.

Referring by numerals to the accompanying drawings, which illustrate a practical embodiment of my invention, 10 designates the floor structure of a building, 11 the wall structure, and which latter is provided on its inner side with a relatively shallow pocket 12, the same being preferably formed between a pair of the upright members or studs 13.

The numeral 14 designates the main body portion of the table, which is substantially rectangular in form, and pivotally connected to the side edges thereof, adjacent to its inner corners, are the upper ends of supporting members 15 the lower ends there-

of being connected by hinges 16 to the floor structure 10 within the lower portion of the pocket 12.

The outer portion of the table member 14 is adapted to be supported in horizontal position by a folding leg 17 that is pivotally connected at its upper end to the underside of table section 14 near its outer edge, and formed in the under side of table member 14 is a longitudinally disposed groove 18 that is adapted to receive the supporting member 17 when the parts of the structure are folded into the pocket 12.

Secured by hinges 19 to the inner edge of the outer table section 14, is the inner table section 20 which, when the table is open for use, occupies a position immediately adjacent to the pocket 12, and pivotally connected to the sides of said inner table section 20 are the upper ends of brace members 21, the lower ends of which are adapted to bear against the rear edges of the members 15 when the parts of the table are unfolded for use.

Secured to the lower portions of the brace members 21 are the lower ends of retractile springs 22, the upper ends thereof being secured to the underside of the outer table section 14 near its rear edge.

When the parts of the table are unfolded and in position for use they occupy the positions as illustrated by solid lines in Fig. 2, and, when said parts are folded into an out-of-the-way position within the pocket 12, leg 17 is folded upwardly into position within the groove 18, and the ends of the table sections 14 and 20 that are connected by the hinges 19, are elevated slightly and at the same time the entire structure is moved inwardly toward the pocket 12 and the outer end of the outer table section 14 is swung downward and, as these folding movements are continued, the table sections 14 and 20 will be folded against each other into substantially vertical positions within the pocket 12, and the supporting members 15 and brace members 21 will swing into substantially vertical positions against the side edges of said members 14 and 20.

Obviously, a reversal of the folding operations just described will shift the parts into the positions illustrated by solid lines in Fig. 2, thereby unfolding or opening the

parts of the structure so that the horizontally alined members 14 and 20 may be utilized as a table.

When open for use, the lower ends of the brace members 21 are yieldingly retained against the central portions of the hinged supporting members 15 by the springs 22, and such arrangement together with the leg 17, very firmly supports the table in position for use.

When the leg 17 is swung upwardly into the groove 18, it may be retained in such position by a suitable keeper such as a button 23 that is pivotally arranged on the underside of table section 14 immediately to the side of the groove 18 therein.

Thus it will be seen that I have produced a folding table that is relatively simple in structure, capable of being readily manipulated when shifted from one position to another, and said structure is capable of being compactly folded so as to occupy very little space while not in use.

It will be readily understood that minor changes in the size, form and construction of the various parts of my improved table may be made and substituted for those herein shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. In combination, a table composed of inner and outer members hinged to each other, supporting members having their lower ends pivotally mounted and their upper ends pivotally connected to the sides of the outer table member, and spring held

braces pivotally connected to the sides of the inner table member and bearing at their lower ends upon the intermediate portions of said supporting members.

2. In combination, a table composed of sections hinged to fold downwardly, supporting arms pivotally connected to one of the sections and adapted for pivotal mounting upon a suitable base, brace members carried by the other section and urged to engagement with said arms, and foldable means for supporting the first mentioned section.

3. In a folding table, inner and outer table sections having their adjacent edges hinged to each other, supporting members having their upper ends pivotally connected to the outer table section, adjacent to the point where the same is hinged to the inner table section, spring held brace members pivotally connected to the sides of the inner table section, and bearing upon the intermediate portions of said supporting members, and a supporting leg hinged to the underside of the outer table section.

4. In combination, a table composed of hinged sections, brace members for supporting one of the sections in extended position, yieldable means carried by the other section for maintaining the brace members in a position in which the corresponding section occupies extended position, and foldable means for supporting the other section in extended position.

In testimony whereof I have signed my name to this specification.

AUGUST H. KROSCHER.