G. W. WAKEHAM.

RACK.

APPLICATION FILED MAY 23, 1921.

1,407,607.

Patented Feb. 21, 1922.

2 SHEETS—SHEET 1.

Fig. 1.

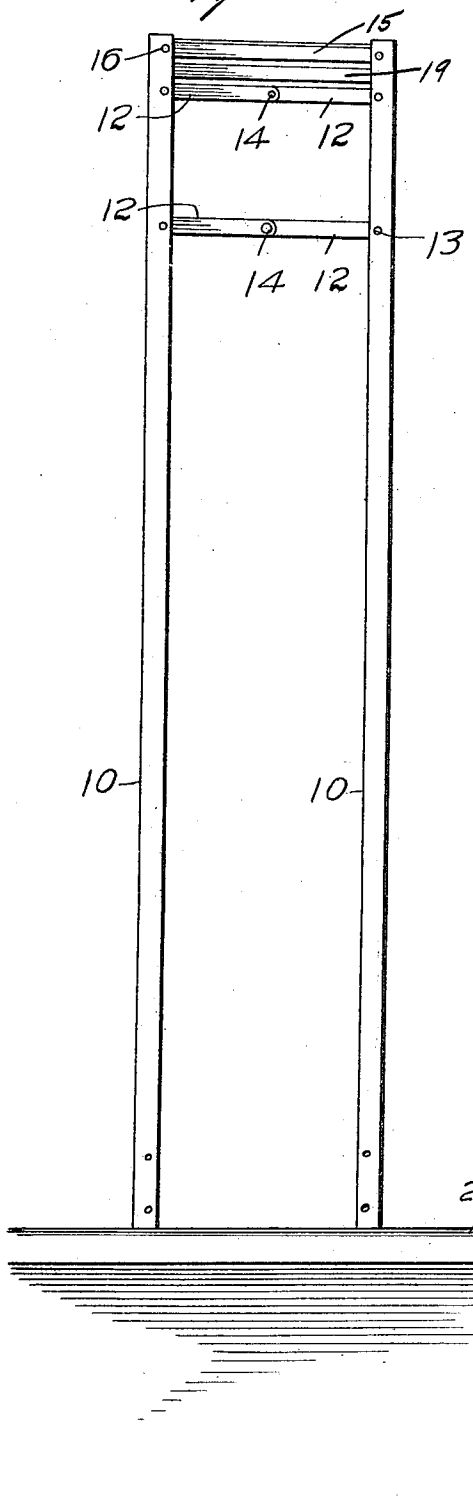
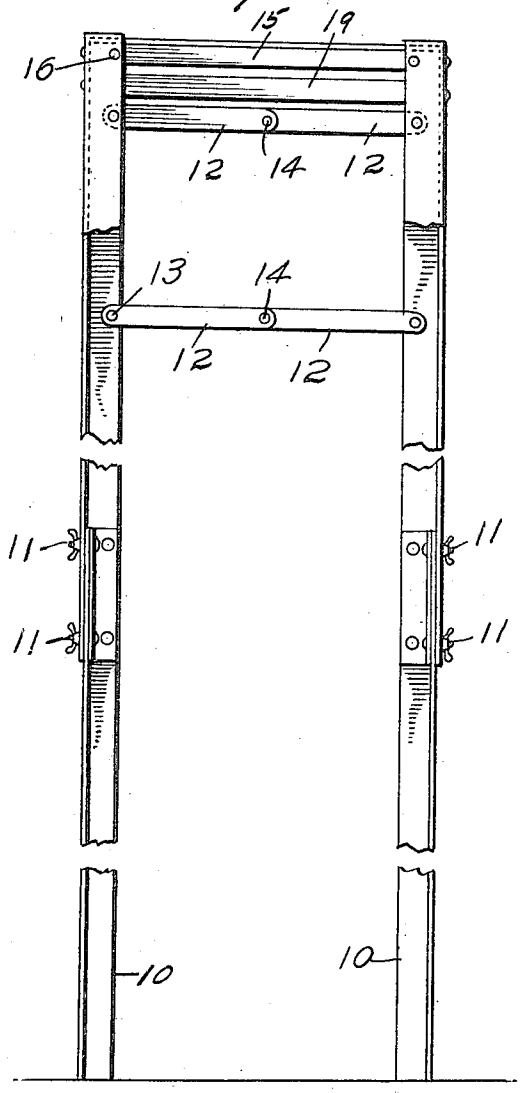


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

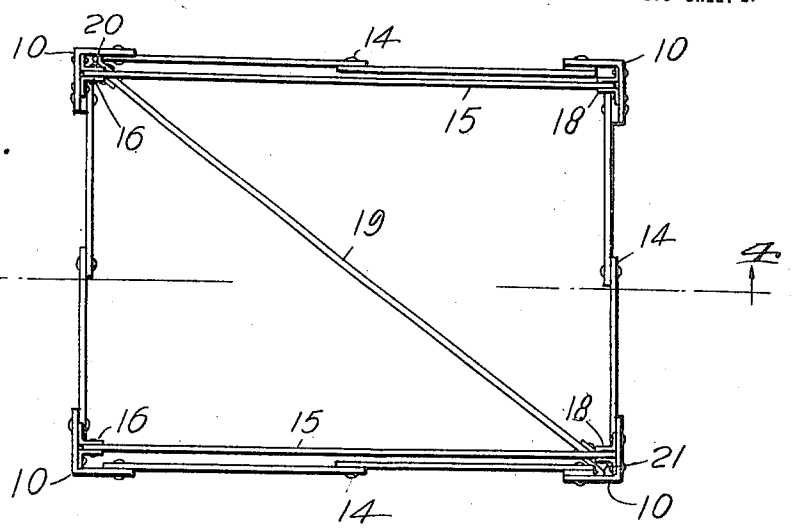


Fig. 4.

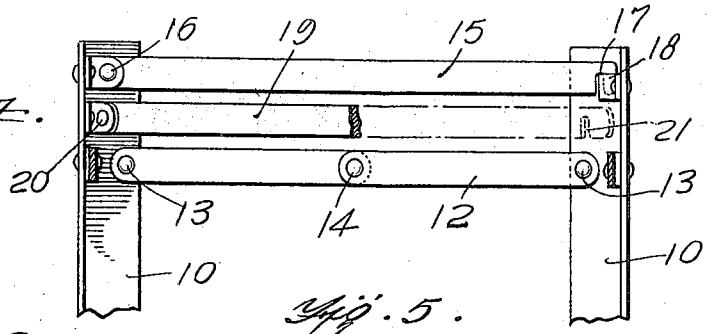
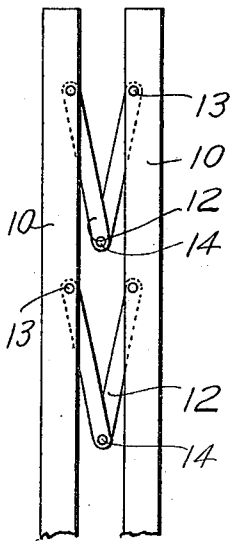
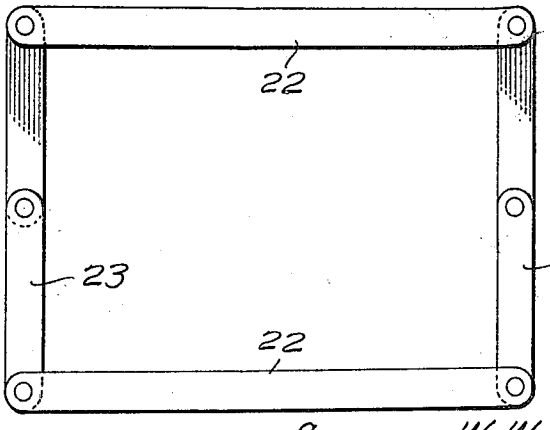


Fig. 5.

Fig. 6.





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UNITED STATES PATENT OFFICE.

GERTRUDE WATSON WAKEHAM, OF MARSHALL, WISCONSIN.

RACK.

1,407,607. Specification of Letters Patent. Patented Feb. 21, 1922.

Application filed May 23, 1921. Serial No. 471,711.

To all whom it may concern:

Be it known that I, GERTRUDE W. WAKEHAM, citizen of the United States, residing at Marshall, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Racks, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to racks and especially to racks used for drying articles or materials, and has for an object to provide a device adapted to be set upon a stove or over and above other source of heat or drying air, and to support material or articles to be dried.

A further object of the invention is to provide a rack having improved means for folding into compact space for storage or transportation, and to be extended into condition for supporting material or articles to be dried.

With these and other objects in view the invention comprises certain novel elements, parts, combinations and functions, as disclosed in the drawing, together with mechanical equivalents thereof, as will be hereinafter more fully described and claimed.

In the drawings:

Figure 1 is a view of the improved rack in edge elevation;

Figure 2 is a view of the improved rack in edge elevation on an enlarged scale, being broken to accommodate the increase in scale;

Figure 3 is a top plan view of the rack;

Figure 4 is a transverse sectional view of the rack, as indicated by line 4—4 of Figure 3;

Figure 5 is a plan view of a collapsible frame employed at the top of the rack as a shelf or for supporting articles, and

Figure 6 is a view in side elevation of the rack collapsed.

Like characters of reference indicate corresponding parts throughout the several views.

The present invention embodies means for supporting such articles as clothing to be dried, or fruit to be desiccated, and is adapted to be set upon or over a stove, such for instance as a cook stove, or a range, or over a register emitting heated air, or in any other position where it is desired to support articles for drying, or like purposes. It comprises a plurality of uprights or corner pieces 10, preferably constructed of angle iron or other structural material. For the purpose of permitting the vertical adjustment of the device these corner bars 10 are made adjustable by means of screws 11. Between the several corner bars 10 toggles 12 are positioned, pivoted to the bars at 13 and with intermediate pivots 14 whereby the device may be collapsed in the manner indicated more particularly at Figure 6. Any number of these toggles may be employed and when in extended position, as shown at Figures 1 to 4 inclusive, will serve for supporting clothing or the like in position to be dried.

To maintain the device in extended condition, bars 15 are pivoted, as at 16, and provided with hooked extremities 17, as shown more particularly at Figure 4, for engaging a loop or eye 18. Also a diagonal bar 19 will in some instances be employed, likewise pivoted at 20, with a hooked extremity 21, as shown at Figures 3 and 4.

A frame, indicated as an entirety at Figure 5, comprising side bars 22 and toggles 23 is proportioned to lie upon the top of the structure, as extended to the position shown at Figure 3 and bear upon the diagonal bar 19 and the side bars 15, to assist in maintaining the device in extended position and also to provide a surface to receive and support articles, or as an additional bar upon which to hang articles.

The whole device, when in extended position, can be set upon or over a heating element, as indicated by the conventional stove 24 in Figure 1, it being understood, of course, that its utility is not confined to use in conjunction with stoves of the type.

What I claim to be new is:

A rack comprising corner bars composed of angle iron, toggles interposed between and foldable within the angle of the corner bars facilitating the expansion and collapsing of the corner bars in both horizontal dimensions, other bars pivoted to the corner bars and having hooking engagement with some of said bars, and a collapsible frame expansible to correspond to the area of the expanded rack and presenting means for engagement upon and within the top of said rack.

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

GERTRUDE WATSON WAKEHAM.

Witnesses:

E. J. MCCRACKEN,

W. H. MCCRACKEN.