Aug. 26, 1958 J. N. OWEN, SR 2,849,241

CARRYING DEVICE FOR KITCHEN STOVE OR THE LIKE

Filed March 7, 1955

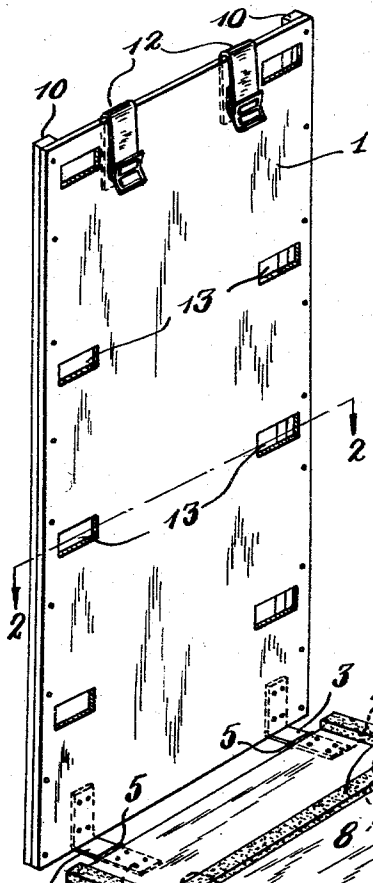


FIG. 1

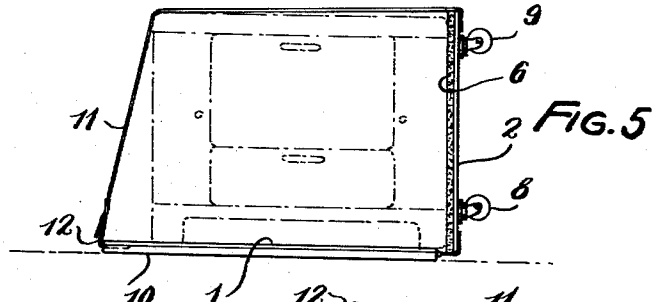


FIG. 5

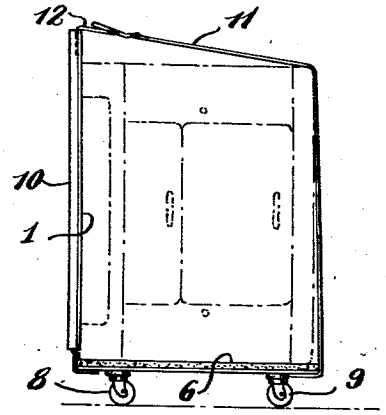


FIG. 6

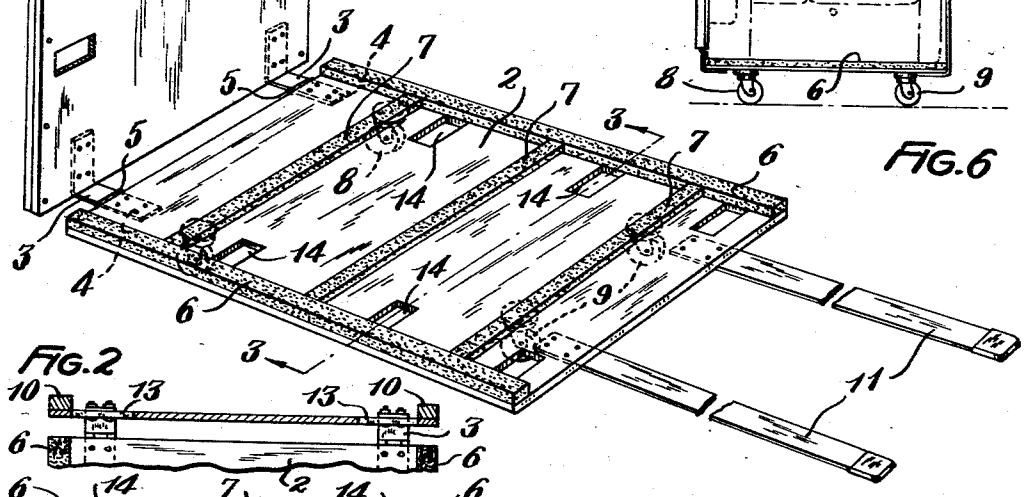


FIG. 2

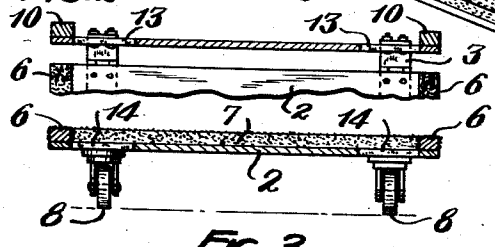


FIG. 3

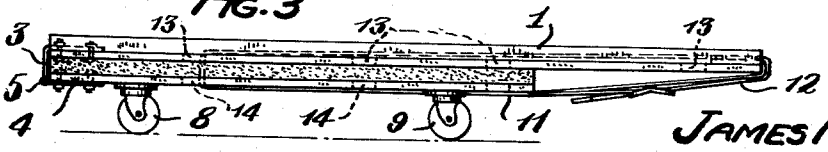


FIG. 4

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United States Patent Office 2,849,241 Patented Aug. 26, 1958

2,849,241

CARRYING DEVICE FOR KITCHEN STOVE OR THE LIKE

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Application March 7, 1955, Serial No. 492,368

2 Claims. (Cl. 280—8)

This invention relates to an improved form of device upon which to place and carry a stove or the like, this device being particularly intended for use by those who are engaged in the moving business.

In the moving of household furniture, it is of course well-known how awkward it is to move the present-day form of kitchen range because of the difficulty in taking hold of the same and directing it while being carried from one place to another, as for instance from the kitchen to the moving van and vice versa; and it is especially troublesome to carry such an appliance either up or down a stair-way. This situation is believed to be so obvious and well-known as to require no further comment at this point.

It is therefore the object of my present invention to provide a carrying device that is capable of facilitating the handling and moving of a kitchen range or the like.

Another object is to provide such a device that is of simple construction and that can occupy collapsed form when not in use.

Another object is to provide such a device with conveniently arranged hand-holes, rollers and retaining straps, and in which the same hand-holes and straps may be utilized both for holding the stove or the like upon the device and for moving the same and also for holding the device in collapsed condition.

Other objects will appear from the following description and claims when considered together with the accompanying drawing.

Fig. 1 is a perspective view of my present form of device so as to clearly illustrate the several parts thereof;

Fig. 2 is a view taken on line 2—2 of Fig. 1;

Fig. 3 is a view taken on line 3—3 of Fig. 1;

Fig. 4 illustrates my present device in collapsed position;

Fig. 5 is a view illustrating my present device after the stove has been placed thereupon and secured thereto by means of the straps; and

Fig. 6 is a view illustrating the same after it has been turned to position upon the castors for rolling.

It is to be understood that the present form of disclosure is merely for the purpose of illustration and that there might be various modifications thereof without departing from the spirit of my invention as herein set forth and claimed.

Briefly, my present device comprises two body parts of the same width but of longer and shorter extent, hinged together in such manner that they may first occupy extended position upon the floor so as to permit the stove or the like to be placed in upright position upon the longer body part, whereupon the other body part may be swung up to upright position and the stove may then be strapped in position by the means provided for this purpose. Then, by means of conveniently located hand-holes, the position of this device may be changed so as to support it upon the castors upon the under-side of the shorter body part for the purpose of rolling the loaded device. In the event that it becomes necessary to carry the loaded device, the hand-holes afford a means of gripping the same which may be carried at the most convenient angle, or the loaded device may be skidded upon the skid rails that are provided upon the under-side of the longer body part.

Referring now to the accompanying drawing in detail, the flat body part 1 and the flat body part 2 are hinged together so as to be capable of occupying any one of several positions, as will be explained. Both of the parts 1 and 2 may be made of marine ply board or any other suitable material and are of substantially the same width which corresponds approximately to the width of the conventional kitchen stove or range. The body part 1 is of substantially the same length as the stove while the length of the body part 2 is substantially the same as the height of the stove. The body parts 1 and 2 are hinged together in such manner that they may occupy any desired position; that is, overlying collapsed parallel position when not in use, as illustrated in Fig. 4 of the present drawing, or extended straight position with respect to each other when it is desired to place the stove thereupon, or angular position as illustrated in Figs. 5 and 6 hereof. For this purpose, there are provided leaf hinges in which one leaf 3 in each case is bent at a right angle and is attached to the end edge of the longer body part 1, and the other hinge leaf 4 in each instance is attached to the end edge of the other body part 2, the hinge pintles 5 being at the end edge of the body part 2.

The shorter body part 2 has affixed to its upper surface and along its two side marginal portions the parallel padded or cushioned strips 6 and also the several transverse like strips 7 extending therebetween, all of these strips being of the same thickness. These padded strips are for the purpose of protecting the body of the stove which will rest thereupon when the device occupies the position as indicated in Fig. 6 of the present drawing.

Upon the under-side of the body part 2 I have provided the two pairs of castors 8 and 9, the one pair 8 being positioned near the outer side edges of the body part 2 while the other pair 9 are positioned well inwardly towards the middle part thereof. The longer body part 1 has the opposite parallel skid rails 10 applied along the longer marginal portions thereof for a purpose to be more fully explained.

The flexible straps 11 are affixed at their ends to the outside of the body part 2 and near the free end edge thereof, and the companion buckles 12 are affixed to the outer or free end edge portion of the longer body part 1. As will be seen, these straps are attached at points adjacent to the hand-holes 13 and 14 which are provided in the two body parts 1 and 2 in such manner as to register with each other when the device occupies collapsed position.

Now the above brief description of the manner of using this device will be amplified. With the body parts 1 and 2 in extended or straight position upon the floor, the stove will be placed in upright position upon the longer body part 1; then the body part 2 may be swung upwardly to approximately upright position and the straps 11 extended about the stove and fastened to the buckles 12, as indicated in Fig. 5 of the drawing. Then, by conveniently gripping the hand-holes 13 in the body part 1, the loaded device may be readily turned so as to occupy position upon the castors 9, as illustrated in Fig. 6 of the drawing, preparatory to rolling the loaded device to some other point. In case it should be necessary to carry this loaded device bodily, as for instance up a stair-way, it may be conveniently held at any desired angle; and the loaded device may be slid along upon the skid rails 10 if it should not be convenient to carry it up or

down a stair-way. In carrying this device, when loaded, it will be found that the castors **9** do not interfere with the arms of the user while he grips the hand-holes **14**; and neither do the castors **8** interfere with his legs during such time. That is, the castors **9** are located so as to be laterally inside of the position of the arms of the user while the castors **8** will be laterally outside of the legs of the user while his hands engage in the holes **14** during such carrying operation.

When not in use, the hinges will permit the two body parts **1** and **2** to over-lie each other and the straps **11** may be extended lengthwise thereabout and through the registering holes **13** and **14** and secured to the buckles **12** so as to hold the device in such collapsed or folded condition for ready transportation of the same or convenient storage.

What I claim is:

1. A carrier for a stove or the like, comprising two flat bodies hinged together at their ends and adapted to occupy extended position in substantially the same plane, or in folded over-lying arrangement, or at substantially ninety degrees to each other, one of said bodies having dimensions corresponding substantially to those of the bottom of a stove or the like, the other of said bodies having dimensions corresponding substantially to those of the end of the stove or the like, said bodies being provided with laterally arranged pairs of hand-holes that are spaced from each other and from the end of the carrier so as to permit engagement by the hands of the user when the carrier is in use, the corresponding hand-holes of each pair of said hand-holes being adapted to register with each other when in folded position, strap means affixed to said bodies at points in substantial alignment with said hand-holes so as to permit said strap means to be extended through said hand-holes, said body corresponding to the end of the stove or the like having two pairs of rollers upon the under-side thereof, the other of said

bodies having skid rails provided lengthwise upon the under-side thereof, the rollers of one of said pairs of rollers being located near the hinge connection between said bodies and with their treads in planes near the outer edges thereof, and the rollers of the other pair of said rollers being located near the opposite end of the body to which said rollers are attached and with their treads in planes in approximately the middle part of the body to which said rollers are attached.

2. A carrier for a stove or the like, comprising two flat bodies hinged together at their ends and adapted to occupy extended position in substantially the same plane, or overlying folded position, or at substantially ninety degrees or any other desired angle to each other, strap means provided upon said bodies for securing a stove or the like in position when said bodies occupy angular position with respect to each other, and said bodies having pairs of hand-holes therethrough, the hand-holes of each pair being spaced laterally from each other and being located at a distance from the ends of said bodies so as to permit engagement by the hands of the user when the carrier is in use, and the corresponding hand-holes of said pairs of hand-holes in the said two bodies being adapted to register with each other when said bodies occupy collapsed position so as to permit passage of said strap means therethrough in securing said bodies together.

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