

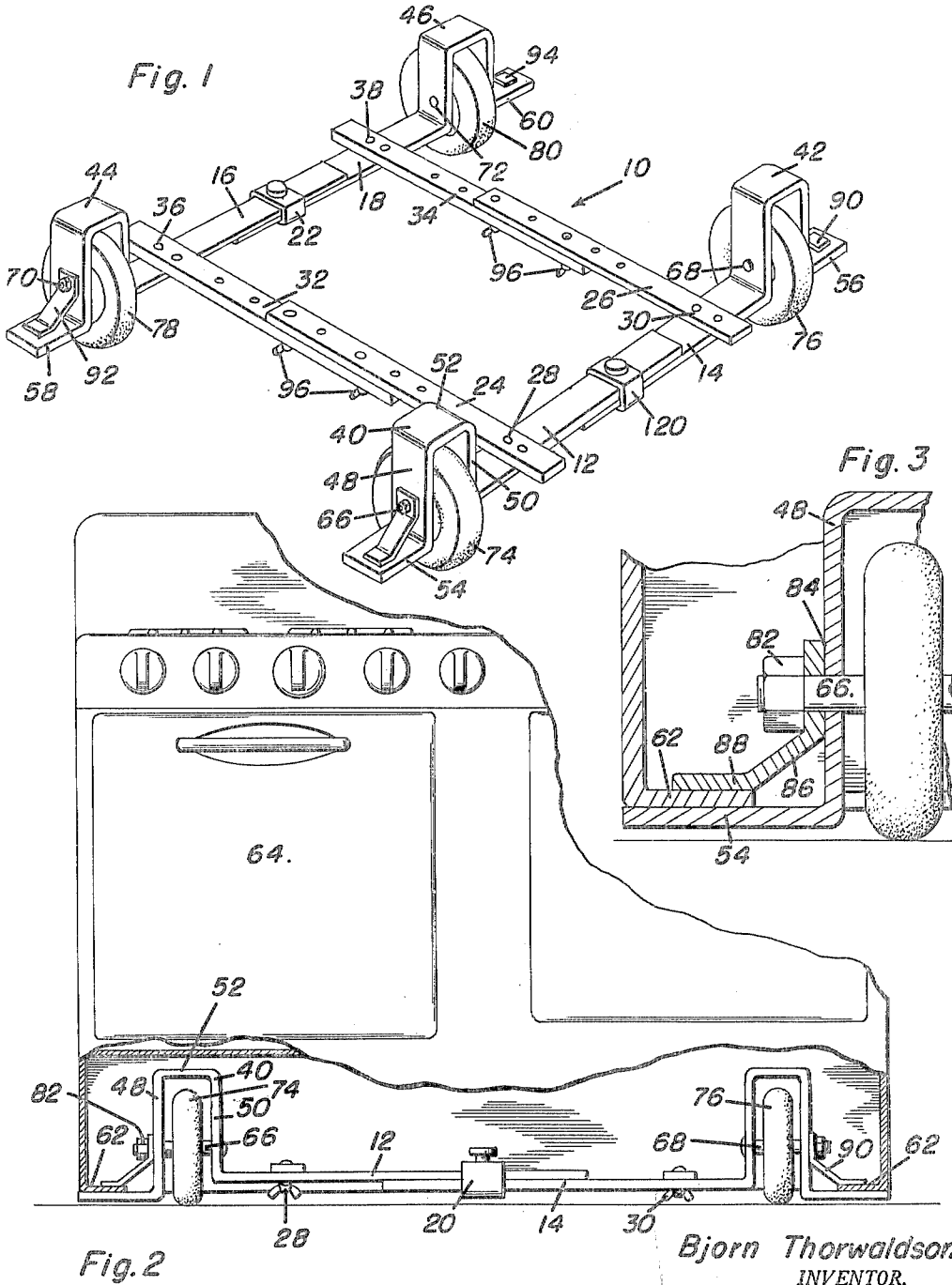
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B. THORWALDSON

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ADJUSTABLE WHEELED SUPPORT FOR A RANGE

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Bjorn Thorwaldson  
INVENTOR.

BY *Alvanee A. Olson*  
and *Harvey R. Jacobson*  
Attorneys

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**ADJUSTABLE WHEELED SUPPORT FOR A RANGE**

**Bjorn Thorwaldson, Los Angeles, Calif.; Archie C. Shafer, Jr., administrator of said Bjorn Thorwaldson, deceased, assignor to Charles E. Miller and Leonard Hannula, Los Angeles, Calif.**

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2 Claims. (Cl. 280—35)

This invention relates to an attachment for stoves and ovens, and more particularly to a range roll-away.

The primary object of this invention resides in the provision of an apparatus which may be permanently utilized in combination with a range so that the range may be readily adjusted as to its location.

A further object of the invention resides in the provision of a range roll-away which may be easily attached and detached from various sizes and models of ranges, yet which will provide adequate supporting surface for the range in the form of wheels or rollers.

The construction of this invention especially features pairs of brackets which are held in spaced relationship and adjusted relative to each other, having channel-shaped projections receiving bolts which both act as axles for the rolling elements, such as wheels or rollers, while also providing means for attaching clamps to the brackets, the clamps being utilized to engage the range to clampingly hold the range roll-away in position.

Still further objects and features of this invention reside in the provision of a range roll-away that is strong and durable, simple in construction and manufacture, capable of being readily and easily produced out of various materials, which is capable of being easily attached and detached, as may be necessary, yet which is inexpensive to produce.

These, together with the various ancillary objects and features of the invention which will become apparent as the following description proceeds, are attained by this range roll-away, a preferred embodiment of which has been illustrated in the accompanying drawings, by way of example only, wherein:

Figure 1 is a perspective view of the range roll-away comprising the present invention;

Figure 2 is a front elevational view of the range roll-away with parts of a range on which the range roll-away is attached being broken away for greater clarity; and

Figure 3 is a vertical sectional detail view illustrating the construction of the means utilized for both rotatably mounting the rolling elements and for carrying the clamping means

With continuing reference to the accompanying drawings, wherein like reference numerals designates similar parts throughout the various views, reference numeral 10 generally designates the range roll-away comprising the present invention. This range roll-away includes pairs of brackets 12, 14 and 16, 18 which are adjustably secured to each other by means of slide clamps 20 and 22 which embrace the respective brackets for telescoping action therebetween. The brackets 12 and 14 have bars 24 and 26 fastened, as by rivets, or otherwise attached thereto as at 28 and 30, while bars 32 and 34 fastened, bolted or riveted, as at 36 and 38, to the brackets 16 and 18.

The brackets include channel-shaped portions 40, 42, 44 and 46, each of which is of substantially the same construction, the channel-shaped portion 40 including up-

wardly extending legs 48 and 50 interconnected by a central connecting portion 52. Secured to the leg 48 is an outwardly extending flange 54 which depends below any other portion of the bracket 12, and brackets 14, 16 and 18 include flanges 56, 58 and 60 adapted to underlie the peripheral and conventional supporting flange 62 of the range, generally indicated by reference numeral 64.

Bolts 66, 68, 70 and 72 form axles on which rolling elements such as wheels or rollers 74, 76, 78 and 80 are rotatably mounted and extend through the upwardly extending legs of the respective channel portions 40, 42, 44 and 46.

Referring now to Figure 3, it will be noted that the nut 82 holding the bolt 66 in place also engages a flange 84 of a clamping element 86, the body portion of which extends diagonal with respect to the leg 48 and terminates in a flange 88 lying parallel with the flange portion 54 of the bracket 12 and clampingly holding the peripheral flange 62 of the range 64 between itself and the flange portion 54. Further clamping elements 90, 92 and 94 are provided.

In operation, utilizing the slides 20 and 22 as well as fasteners 96 securing the bars together, the range roll-away 10 is adjusted for use with a particular range 64. Then, the nuts 82 are loosened, permitting the clamping elements, such as the clamping element 86, to be arranged so as to clampingly engage the peripheral flange 62 of the range, after which the range 64 will then rest on the rolling elements 74, 76, 78 and 80 which carry the weight of the range 64.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claims.

What is claimed as new is as follows:

1. A range roll-away in combination with a range comprising pairs of adjustable brackets, means adjustably holding said brackets in spaced relationship, bolt means rotatably mounting rolling elements on said brackets, and clamp means carried by said bolts for attaching said pairs of brackets to the range, each of said brackets having an upwardly extending channel-shaped projecting portion including spaced legs interconnected by an upper cross-portion, said brackets having end flanges said bolt means extending through and between said legs forming axles for said rolling elements while also holding said clamp means in position, said clamp means including clamping elements having flanges engaging one of said legs of each of said channel portions and other flanges extending substantially parallel to and spaced from the end flanges of said brackets.

2. A range roll-away in combination with a range comprising pairs of adjustable brackets, means adjustably holding said brackets in spaced relationship, bolt means rotatably mounting rolling elements on said brackets, and clamp means carried by said bolts for attaching said pairs of brackets to the range, each of said brackets having an upwardly extending channel-shaped projecting portion including spaced legs interconnected by an upper cross-portion, said brackets having end flanges said bolt means extending through and between said legs forming axles for said rolling elements while also holding said clamp means in position, said clamp means including clamping elements having flanges engaging one of said legs of each of said channel portions and other flanges extending substantially parallel to and spaced from the end flanges of

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said brackets, said means adjustably holding said brackets in spaced relationship including pairs of bars secured to said pairs of brackets, and fasteners adjustably securing said pairs of bars together.

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