Nov. 23, 1937. W. D. TEAGUE, JR 2,100,293

COVERALL FOR RANGES

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Fig. 1.

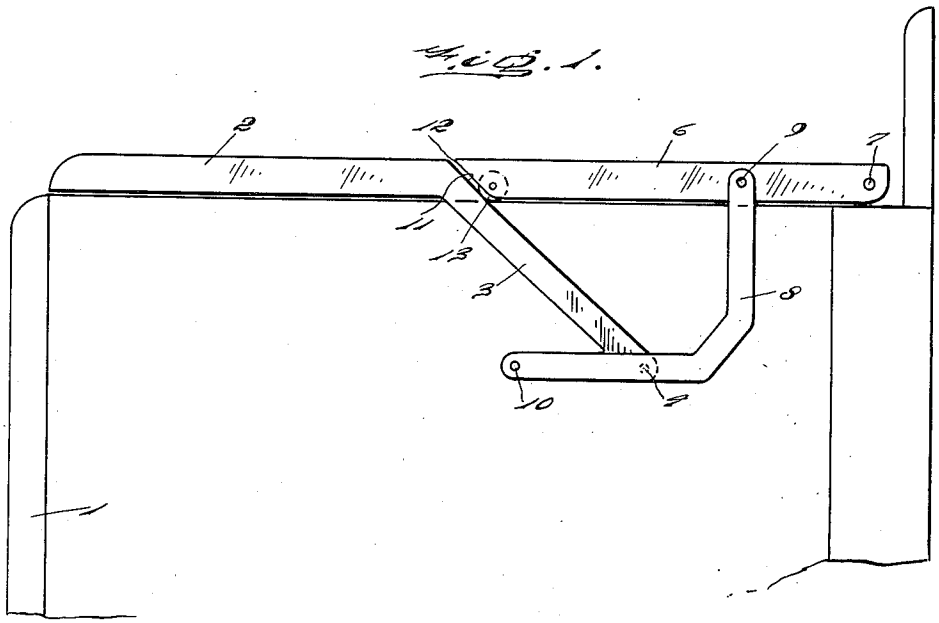
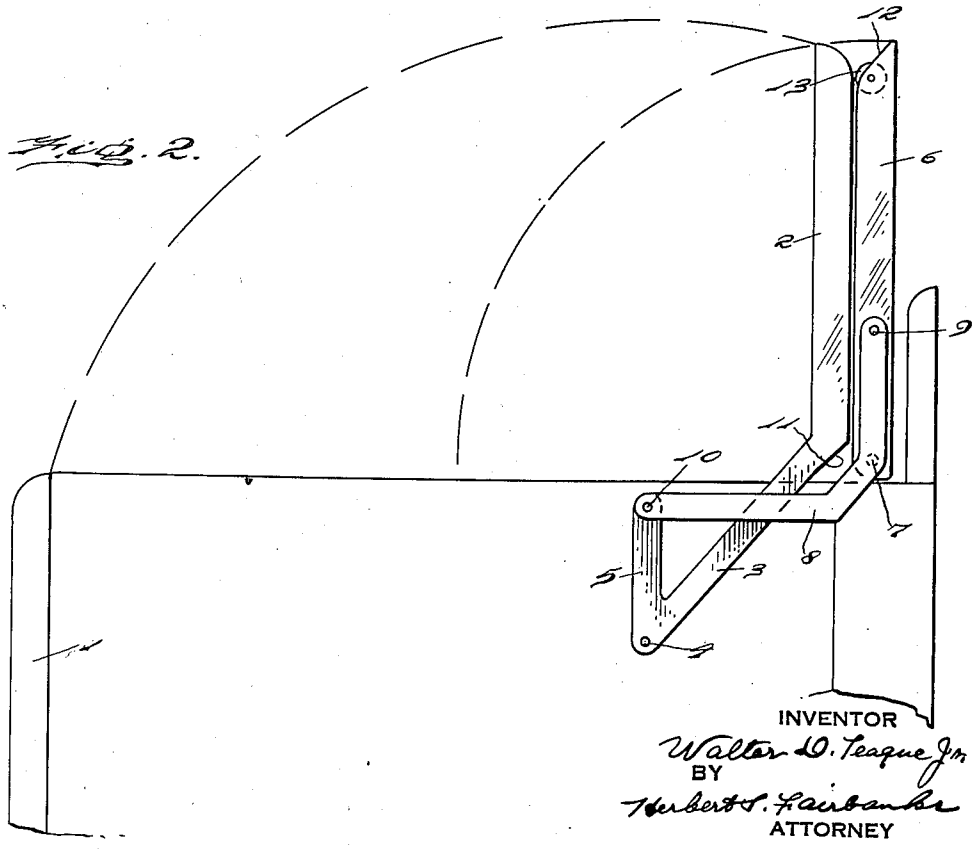


Fig. 2.



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COVERALL FOR RANGES

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3 Claims. (Cl. 126—214)

The object of this invention is to devise a novel coverall for ranges, which is constructed and operates in a novel manner, and wherein the movement of one cover section effects the opening and closing of two cover sections.

With the above and other objects in view as will hereinafter more clearly appear, my invention comprehends a novel coverall mechanism for ranges.

It further comprehends a novel coverall arrangement for ranges, wherein a sectional cover has the sections thereof connected by a novel linkage whereby the sections of the cover are simultaneously operated.

It further comprehends a coverall mechanism for ranges, comprising two pivotally mounted hinges which are linked together in a novel manner so that they can be brought into the same horizontal plane or can be moved into an upright position with the front section in front of the rear section of the coverall.

Other novel features of construction and advantage will hereinafter more clearly appear in the detailed description and the appended claims.

For the purpose of illustrating the invention, I have shown in the accompanying drawing a preferred embodiment thereof, which, in practice, will give satisfactory and reliable results. It is, however, to be understood that the various instrumentalities of which my invention consists can be variously arranged and organized and the invention is not limited to the precise arrangement and organization thereof of these instrumentalities as herein shown.

Figure 1 is a sectional elevation of a range, in conjunction with which a coverall mechanism embodying my invention is employed, the coverall being shown in closed position.

Figure 2 is a sectional elevation similar to that shown in Figure 1, but showing the coverall mechanism in its raised position.

Similar numerals of reference indicate corresponding parts.

Referring to the drawing:—

1 designates a range of any desired or conventional type, in connection with which it is desired to employ a coverall mechanism, embodying my invention. The coverall, as illustrated, comprises a front section 2, which is provided with a rearwardly and downwardly inclining arm 3, which is pivoted at 4 to a fixed position of the range. The arm 3, at its lower end, merges into a forwardly extending arm 5, extending at an angle to the arm 3. 6 designates the rear cover section, pivotally mounted at 7 on the range. 8 designates a link, which at one end is pivoted at 9, to the rear cover section 6, and, at its other end, is pivotally connected at 10, to the forward end of the arm 5. This link has its arms at substantially right angles to each other. The rear end wall of the front cover plate 2 is downwardly and rearwardly inclined as at 11, and the front wall of the rear cover, inclines downwardly and rearwardly, as at 12, so that, when the two cover plate sections are in their closed positions, as shown in Figure 1, they are substantially flush with each other. One of the sections as illustrated, the rear section, is provided with a cushioning member 13.

The operation of the coverall will now be clear to those skilled in this art, and is as follows:

Assuming that the coverall is in its closed position, as seen in Figure 1, and it is desired to raise it, the operator raises the front cover section 2 which swings upwardly on its fixed pivot or hinge 4 into the position seen in Figure 2. At the same time the link 8 is moved upwardly to swing the rear cover section 6 into its raised position as seen in Figure 2.

It will be apparent that when the front cover section 2 is drawn downwardly, the link 8 will cause the rear cover section 6, to be also drawn downwardly to bring the two cover sections into substantially the same horizontal plane, with their upper faces substantially flush with each other.

The cushioning member 13 prevents any injury to the upper face of the cover section 2.

Any desired number of cushioning members 13 may be employed, and they may be rotatably mounted, if desired, as shown.

It will now be apparent that I have devised a new and useful coverall for ranges which embodies the features of advantage enumerated as desirable in the statement of the invention and the above description, and while I have, in the present instance, shown and described a preferred embodiment thereof, which will give in practice satisfactory and reliable results, it is to be understood that this embodiment is susceptible of modification in various particulars without departing from the spirit or scope of the invention or sacrificing any of its advantages.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A coverall for ranges, comprising a front cover section having a fixed pivot, a rear cover section having a fixed pivot, and means connect-

ting said covers to cause them to move in unison and into alignment in closed position and to position the front cover section in front of the rear cover section when the coverall is in raised position.

2. A coverall for ranges, comprising a front and a rear cover each pivotally mounted at its rear end, an arm of angle formation fixed to one cover and extending beneath it; and a single link pivotally connected at one end to the other cover and at its opposite end to said arm; to cause the covers to move in unison when raised or lowered.

3. A coverall for ranges, comprising a front cover section having a depending arm pivotally supported, and a second arm extending at an angle from said depending arm, a rear cover section having a fixed pivot at its rear end, and a link having one end pivoted to said second arm and its other end pivoted to said rear cover.

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