May 27, 1952 G. W. KAMIN ET AL 2,598,266

RANGE AND RANGE TOP EXTENSION

Filed March 30, 1950

Fig. 1

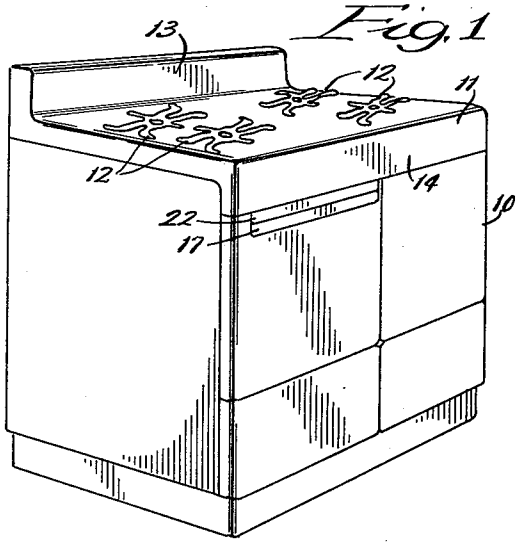


Fig. 2

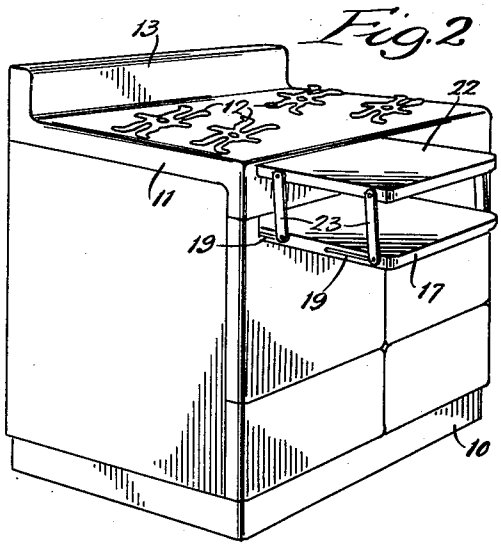


Fig. 3

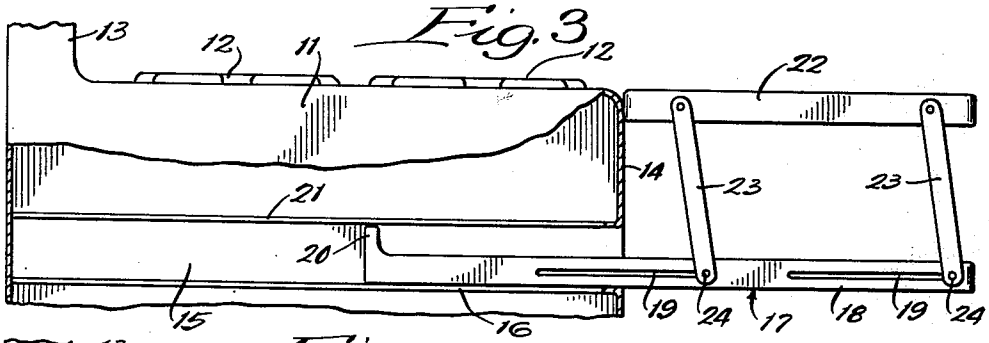


Fig. 4

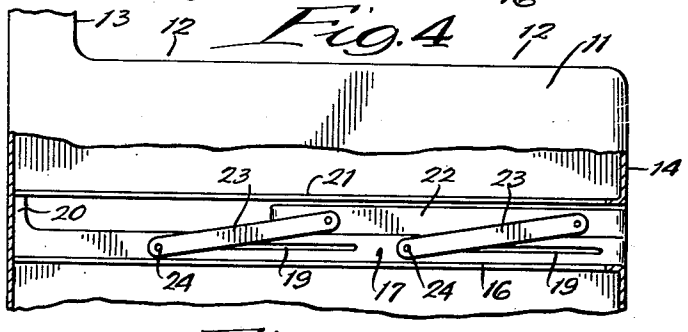
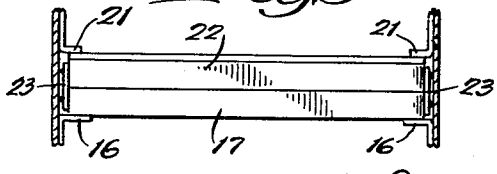


Fig. 5



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RANGE AND RANGE TOP EXTENSION

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4 Claims. (Cl. 126—334)

1

This invention relates to a range and range top extension. The invention is particularly useful in connection with a range having burners and heating elements in the range top thereof.

An object of the invention is to provide a range equipped with means ordinarily concealed for providing, when desired, a shelf or table top which preferably forms a continuation of the range top. Yet another object is to provide a range structure in which the burners of the range are utilized for warming a table top concealed therebelow and which may be moved outwardly to provide a warm surface in extension of the range top for supporting hot dishes, food-containing vessels, etc. Other specific objects and advantages will appear as the specification proceeds.

The invention is shown in an illustrative embodiment by the accompanying drawings, in which—

Fig. 1 is a perspective view of a range embodying our invention; Fig. 2, a view similar to Fig. 1 but showing the auxiliary table top structure providing an extension of the range top; Fig. 3, a broken and sectional view on an enlarged scale showing the table top in extended position; Fig. 4, a view similar to Fig. 3 but showing the table top structure in collapsed and closed position; and Fig. 5, a front view in elevation of the folded table structure, the supporting parts being shown in vertical section.

In the illustration given, 10 designates a range frame which may be of any suitable type of construction. The range is shown equipped with a range top 11 in which are mounted burners 12. In the specific illustration given, the burner top 11 is provided with an integral upwardly-extending back splasher 13 and at its forward end has a downwardly-turned apron 14. Below the apron on one side is provided a table top compartment 15 provided with support flanges 16. The compartment 15 is open at its front, but the table top structure which will be hereinafter described serves as a means for normally closing the front of the compartment when the parts are received within compartment 15.

The table top or extension structure may be of any suitable type or construction. In the illustration given, we provide a shelf or support member 17, formed of metal or other suitable material, the side flanges 18 being provided with elongated slots 19, as shown more clearly in Fig. 3. The shelf 17 is preferably provided at its rear with an upwardly-extending flange 20 which engages the upper flanges 21, as shown in Fig. 5.

2

The flange 20 serves to prevent tilting of the support structure 17.

Above the shelf or support 17 is a table top 22 which preferably is supported so as to make the top surface thereof flush with the top surface of the range top 11. Links 23 are pivotally connected to the table top 22 near its ends on both sides, and the links at their lower ends are provided with pins 24 received within the slots 19 of the support 17.

Operation

In the operation of the structure, when it is desired to provide a warmed shelf or table top for receiving hot dishes and food-holding containers, the user draws the support 17 forwardly and then swings the table top 22 upwardly to the position shown in Fig. 3, the links 23 being drawn forwardly so as to firmly rest the table top against the front apron 14 of the range top. The angle of the links 23 hold the table top securely in position.

When it is desired to remove the table top 22, the lower ends of the links 23 are swung in the support 17 and the two structures may be moved inwardly to the position shown in Fig. 4 where the forward ends of the members 17 and 22 form a closure for the forward end of the compartment.

Instead of using a pair of shelves as illustrated, it will be understood that a single shelf may be employed and the single shelf may be swung to a position below, above, or substantially in line with the top of the table top. By moving the table top structure into a position below the burner, the heat from the burner is effective in warming the table top so that when it is swung outwardly to table top position, forming a continuation of the range top, the warm surface is highly useful for supporting food-containing dishes. Further, the warmed shelf 17 below is useful for supporting dishes, etc. At the same time, these parts are readily moved to concealed and unobstructing position, when desired.

In the drawing, we have shown the compartment for receiving the support and table top opening at the front of the range. It will be understood that the compartment may open along the side of the range so as to bring the table top along the side rather than at the front of the range. Further, if desired, the compartment may be formed within the table top itself or in the skirt thereof rather than below the table top.

It will be understood that the pull-out work surface need not be flush with the regular top

of the range, but may occupy positions below the top and above the top. For example, in the structure shown, the upper table top may be omitted.

While in the foregoing specification we have shown a single structure in considerable detail for the purpose of illustrating one embodiment of the invention, it will be understood that such details of structure may be varied widely by those skilled in the art without departing from the spirit of our invention.

We claim:

1. In a range top structure equipped with a range top having burners thereon and providing a compartment below said burners, a shelf slidably mounted in said compartment, a table top on said shelf, and link means connecting said shelf and table top for supporting said table top in elevated position when said shelf and table top are moved outwardly from said compartment whereby the top surface of said table top is substantially flush with the top surface of said range top.

2. In a range structure equipped with a range top having burners thereon and providing also a compartment below said burners, a support slidably mounted in said compartment, a table top carried by said support, said support being provided with longitudinal slots, and link members pivotally connected at their upper ends to said table top and equipped with pins at their lower ends received within said slots of said support.

3. In a range structure equipped with a range top having burners thereon and providing also a compartment below said burners, a support slideably mounted in said compartment and movable to a supporting position outside of said compartment, a table top mounted upon said support and forming substantially an extension of said range top, and means carried by said support permitting

said table top to be elevated into a position in which the top surface thereof is substantially flush with the top surface of said range top.

4. In a range structure equipped with a range top having burners thereon and providing a compartment below said burners, a support member slidably mounted in said compartment and movable to a supporting position outside of said compartment, a table top carried by said support member, and means connecting said support member and table top and adapted for permitting said table top to be elevated when said member is moved out of said compartment and further adapted to support said table top in elevated position.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
167,689	Randell	Sept. 14, 1875
207,798	Copp	Sept. 10, 1878
313,940	Kehoe	Mar. 17, 1885
892,779	Turner et al.	July 7, 1908
1,431,211	Bourke	Oct. 10, 1922
2,059,735	Kennedy	Nov. 3, 1936
2,289,523	Smallen	July 14, 1942
2,321,167	Taft	June 8, 1943

FOREIGN PATENTS

Number	Country	Date
469,634	Germany	Dec. 19, 1928
813,553	France	Mar. 1, 1937
519,861	Great Britain	Apr. 8, 1940