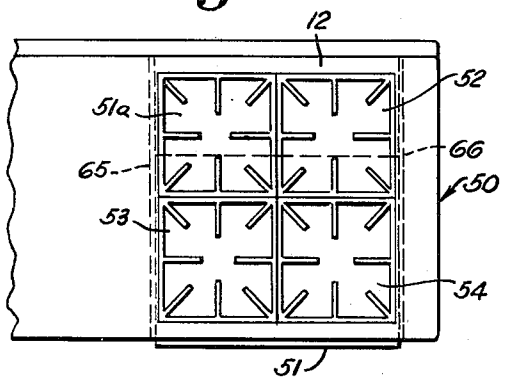
Jan. 22, 1957 P. I. PUGACH 2,778,356

GUARD FOR A DOMESTIC RANGE

Filed April 24, 1952

Fig. 1



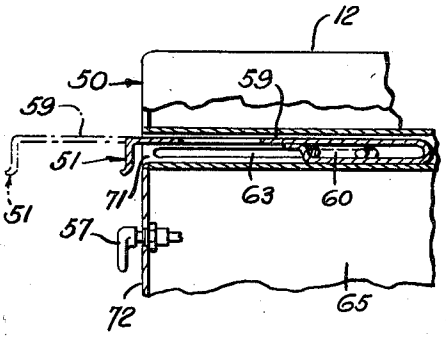
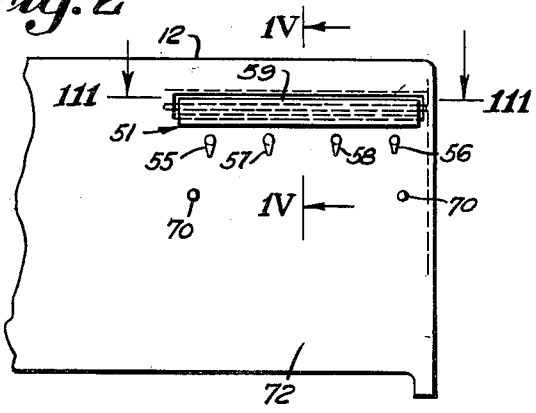


Fig. 4

Fig. 2



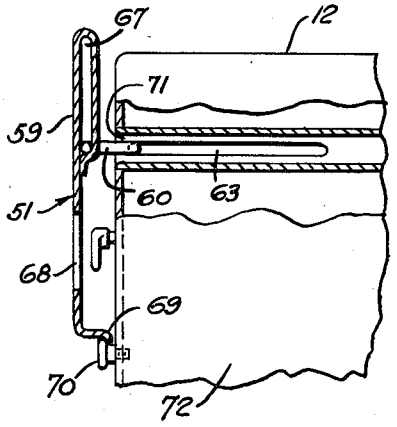


Fig. 5

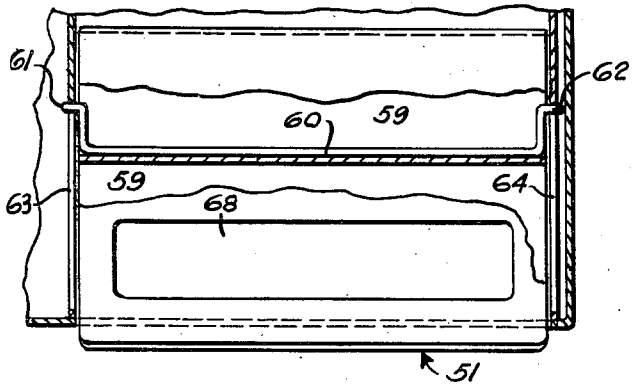


Fig. 3

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GUARD FOR A DOMESTIC RANGE

Paul I. Pugach, Englewood, N. J.

Application April 24, 1952, Serial No. 284,017

1 Claim. (Cl. 126—42)

This invention relates to a device or guard for the protection of children from accidental burns arising from contact with the horizontal heating surface of a domestic range or from the overturning of pots and pans on the heating surface.

It is an object of the instant invention to provide a guard which will decrease the hazards to which children are frequently exposed in the home.

Other objects of the instant invention will become apparent in the course of the following specification.

In the attainment of the aforesaid objectives, the guard is slidably inserted under the heating surface when not in use and is drawn out therefrom and pivoted at 90° to the plane of the heating surface with one edge thereabove when in the protective position.

The invention will appear more clearly from the following detailed description when taken in conjunction with the accompanying drawings showing by way of example a preferred embodiment of the inventive concept.

In the drawings:

Figure 1 is a top view of the slidable guard attached to a range;

Figure 2 is a front view of the slidable guard and range shown in Figure 1;

Figure 3 is a sectional view along III—III of Figure 2 but on an enlarged scale;

Figure 4 is a sectional view along IV—IV of Figure 2; and

Figure 5 is a view similar to Figure 4 but with the guard moved to the protective position.

In the slidable guard shown in Figures 1–5, reference numeral **50** indicates the range, and **51** the slidable guard.

The range **50** is of the gas burner type equipped with the four burners **51***a*, **52**, **53** and **54**. The burner **51***a*, for example, may be controlled by the cock **55** (Fig. 2), the burner **52** by the cock **56**, the burner **53** by the cock **57**, and the burner **54** by the cock **58**. The heating surface **12** above the gas burners may be supported in a horizontal plane by the spaced parallel vertical end members **65** and **66** and a front member **72** and a back member.

The slidable guard **51** is constituted of the guide **60** and the guard **59**.

The guide **60** may be substantially in the form shown in Figure 3 where the outwardly directed ends **61** and **62** are slidably inserted in the horizontal slidways **63** and **64**, respectively, the slideway **63** being formed in the vertical end member **65** (Fig. 1) and the slideway **64** in the vertical end member **66**. In the plane of the slideways but in the front member **72** is a horizontal slot **71** (Figs. 4 and 5).

The guard **59** is constituted of a substantially flat surface portion having a length less than the width of the heating surface and slidably inserted through the horizontal slot **71**. Along the inner edge and at each side of the guard is the closed loop **67** which is secured around the guide **60** as most clearly shown in Figure 5. Thus, the guide **60** is longitudinally adjustable in the slideways **63** and **64** and the guard **59** both rotatably and longitudinally adjustable on the guide and slidable through the slot **71**. In the guard is a longitudinal slot **68** so positioned that when the guard is erected in the protective position (Fig. 5), the cocks **55**—**58** controlling the gas burners will be exposed.

In operation, the guard **59** may, when not in use, be substantially concealed in the range. When in use, the guard together with a portion of the guide is pulled out of the range to substantially the position shown in Figure 5. When pulled out, the guide drawn by the guard will be at the outer end of the loop **67**, that is the reverse of the position shown in Figure 5. However, when withdrawn the guard is free from the slot **71** and can be rotated on the guide until the front edge **69** rests on the buttons **70** and the end of the loop **67**, that is the inner edge or back of the guard protrudes above the plane of the heating surface as illustrated.

Obviously, the guard **59** could be made in two hinged portions (not shown) with the back portion remaining under the heating surface and with the front portion when withdrawn rotated at an angle of 90° to the plane of the back portion to protrude above the plane of the heating surface. If the hinged portions are slidably inserted above the cocks no longitudinal slot **68** to expose the cocks will be necessary while if slidably inserted below the cocks such slot will be required.

While there is above disclosed but one form of the guard, it is possible to produce still other forms without departing from the inventive concept herein disclosed, and it is desired therefore that only such limitations be imposed on the appended claim as is stated therein.

What is claimed is:

In a range having a heating surface supported in a horizontal plane by spaced parallel end members and a front member secured along corresponding edges, the end members having aligned horizontal slidways formed therein and the front member having a horizontal slot in the plane of the slideways; the improvements comprising a guide slidably disposed in each slideway, a guard slidably disposed through the horizontal slot in the front member and between the slideways, said guard having a depth less that the depth of the heating surface, hinged means for securing the inner edge of each side of said guard to one guide, and means for releasably maintaining the guard in a plane substantially perpendicular to the plane of the heating surface with one edge protruding thereabove when withdrawn from the slideways.

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