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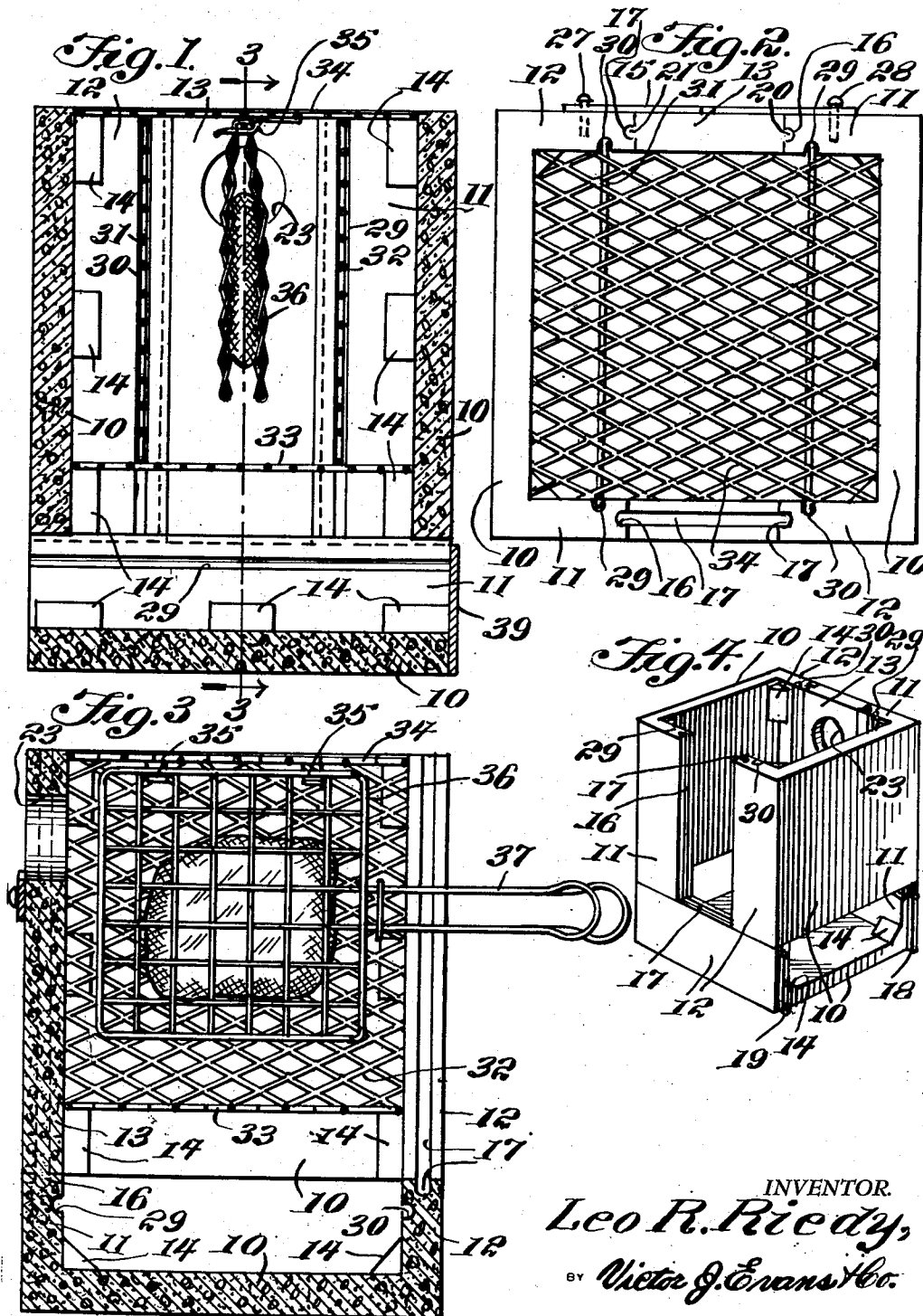
L. R. RIEDY

2,690,171

PORTABLE COMBINATION COOKING STOVE AND GRILLE

Filed Aug. 22, 1951

2 Sheets-Sheet 1



INVENTOR
Leo R. Riedy,
 BY *Victor J. Evans & Co.*

ATTORNEYS

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L. R. RIEDY

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2 Sheets-Sheet 2

Fig. 7.

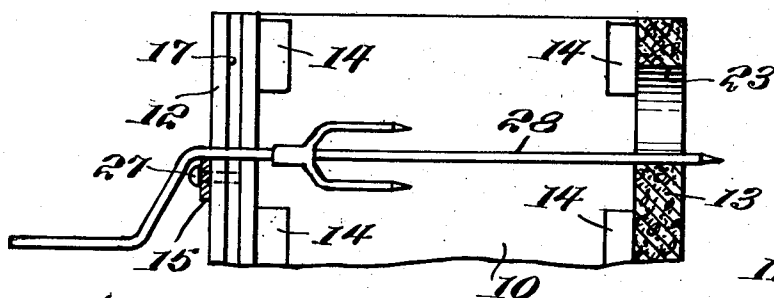


Fig. 5.

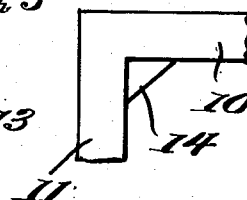


Fig. 8.

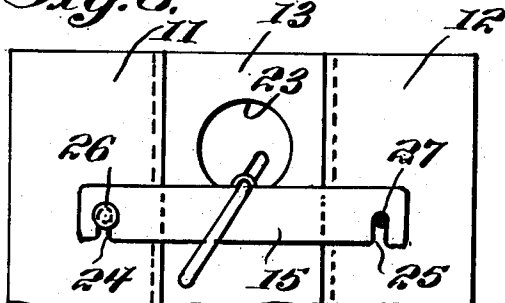


Fig. 6.

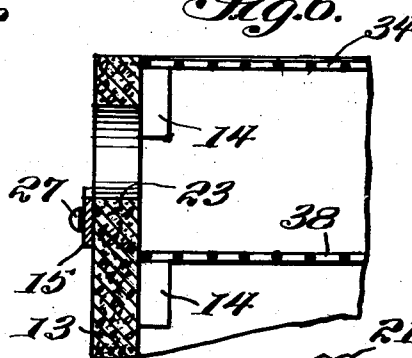


Fig. 9.

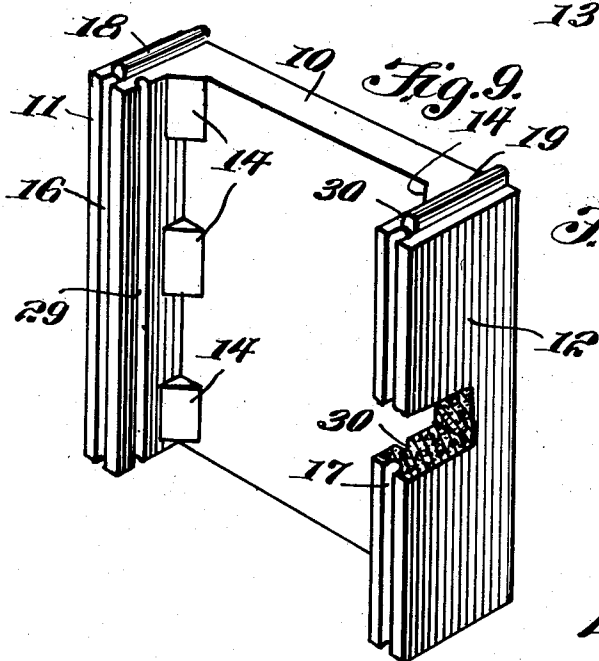
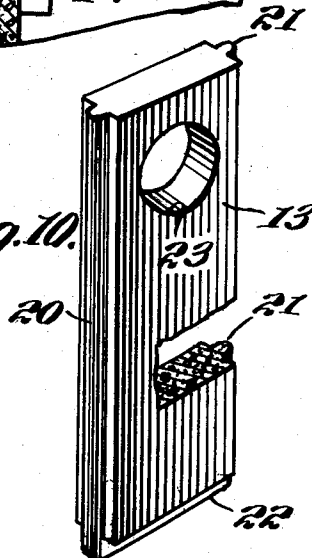


Fig. 10.



INVENTOR

Leo R. Riedy

BY *Victor J. Cronin & Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE

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PORTABLE COMBINATION COOKING STOVE
AND GRILLE

Leo R. Riedy, Miami, Fla.

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3 Claims. (Cl. 126—25)

1

This invention relates to portable grilles of the type used in place of outside fireplaces or where it is desired to cook outside, such as for picnic use, and in particular this invention relates to grilles formed of a plurality of preformed units whereby the units are readily assembled and used in combination with grates for cooking with a comparatively confined fire.

The purpose of this invention is to provide means for forming an outside grille in which the parts may readily be set up and used as desired or where the parts may be permanently assembled to provide a permanent grille.

Various attempts have been made to provide portable grilles particularly of the type that may be carried in a car and used for picnics, traveling and other outside use, however, the conventional type of grille which is formed of metal parts not only become heated to a high temperature but are dangerous in a high wind. With this thought in mind this invention contemplates a portable grille formed of preformed ceramic shapes wherein the shapes are readily set up to provide a box like grille housing in which means is provided for supporting grates and other cooking elements. The object of this invention is, therefore, to provide means for forming a portable grille wherein the parts are formed with cast or preformed shapes so that they may readily be set up and used as desired.

Another object of the invention is to provide an outside grille having comparatively thick ceramic walls in which the parts may readily be taken down and carried in a motor vehicle.

A further object of the invention is to provide an improved substantially enclosed outside grille which is of a simple and economical construction.

A further object of the invention is to provide an outside grille that may readily be set up of preformed sections which is of a simple and economical construction.

With these and other objects and advantages in view the invention embodies a plurality of sections substantially U-shape in cross section wherein one section may be used as a base with the ends thereof extended upwardly and similar sections corresponding to the section forming the base are mounted in upright positions upon the upwardly extended sections, and elongated sections having tongues on the edges positioned to extend into grooves in the edges of the said upright sections, and wherein the said upright sections are provided with means for supporting grates and the like.

Other features and advantages of the inven-

2

tion will appear from the following description taken in connection with the drawings wherein:

Figure 1 is a vertical longitudinal section through the portable grille showing a food holder suspended by a vertically positioned hanger.

Figure 2 is a plan view of the grille with the parts assembled.

Figure 3 is a vertical cross section through the grille taken on line 3—3 of Fig. 1.

Figure 4 is a perspective view illustrating a grille with the parts partly assembled in which preformed sections are positioned upon a similar section providing a base and in which a connecting slab is provided in one side.

Figure 5 is a detail illustrating supporting braces used in the corners of the parts.

Figure 6 is a detail showing a section through one side of the grille and showing grates supported on the braces as illustrated in Fig. 5.

Figure 7 is a detail showing a section through the upper part of the grille illustrating the manner of holding product supporting devices such as a roasting spit therein.

Figure 8 is an elevational view showing the upper part of the grille illustrating the handle on the outer end of the roasting spit and showing the handle supported on a horizontally positioned bar.

Figure 9 is a view illustrating one of the preformed sections with which the grille is formed and in which parts are broken away showing the grate supporting grooves on the inner surfaces.

Figure 10 is a view illustrating a slab that is used between the preformed sections and in which the slab is shown with parts broken away illustrating a section thereof.

Referring now to the drawings wherein like reference characters denote corresponding parts the portable grille of this invention is formed with a base unit channel shape in cross section having a base or web 10 with flanges 11 and 12 at the ends, a slab 13 providing a connecting unit, corner braces 14, and a connecting bar 15.

The preformed units are formed, particularly as illustrated in Fig. 9 with grooves 16 and 17 in the flanges 11 and 12, respectively and with tongues 18 and 19 on the ends of the flanges, and as illustrated Figs. 1, 3, and 4 with one of these units positioned to form a bottom of the grille the tongues 18 and 19 of superimposed units are positioned in the grooves 16 and 17 whereby the superimposed units extend upwardly, particularly as illustrated in Fig. 4.

With these units extending upwardly from the flanges of the bottom unit a slab 13 which is pro-

3

vided with tongues 20 and 21 on the edges, and 22 on one end is positioned with the tongues 20 and 21 extended into the grooves 16 and 17 of the upwardly extended units and the tongue 22 at the end extended into the grooves in the edges of the flanges.

These units may be freely positioned or they may be cemented together to provide a permanent installation.

The slab 13 is provided with an opening 23 and with a slab positioned in one side only of the grille as illustrated in Fig. 4, the bar 15, which is provided with slots 24 and 25 is positioned over studs 26 and 27, respectively extended from the flanges whereby a roasting spit, as indicated by the numeral 28 may be suspended in the upper part of the grille with one end resting on the lower edge of the opening 23 and the other on the upper edge of the bar 15.

The inner surfaces of the channel shaped units are also provided with grooves 29 and 30 that are positioned to hold grates, as indicated by the numerals 31 and 32, in upright positions and, as illustrated in Fig. 1, these grates are positioned to rest upon a horizontally disposed grate 33 that is supported by corner braces 14. An additional grate 34, which is also supported by corner braces 14 may be provided at the upper end of the grille and this grate may be provided with a hook 35 as illustrated in Fig. 1 or a plurality of hooks may be used, as shown in Fig. 3 whereby a holder, such as a toaster 36, with a handle 37, may be suspended between the vertically disposed grates 31 and 32.

It will be understood that the corner braces 14 may be located to support grates in different positions in the grille, such as is illustrated in Fig. 6 where a grate 38 is supported at a point intermediate of the housing of the grille.

A plate 39 may be provided at the back of the grille to form a closure for the base, as shown in Fig. 1.

With the parts formed in this manner it will be appreciated that the parts may be assembled to form a battery of portable grilles and the parts may be installed without permanently connecting one unit to another or the unit may be permanently connected to provide an outside grille.

The grille may be provided with grates of any type or design and the grates or product holding elements may be suspended in different positions in the grille.

It will be understood that modifications may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. A portable grille comprising a plurality of units, channel-shaped in cross section having webs with flanges extended from the opposite ends of the webs and having grooves in the extended edges of the flanges and the inner sides of the flanges and tongues extended from one of the ends of the flanges, a slab having tongues on the edges and also on one of the ends thereof positioned to connect the edges of the flanges on a pair of units when the pair of said units are

4

vertically positioned upon a horizontally disposed unit and with tongues on the ends of the flanges of the units positioned in the grooves in the edges of the sides of the flanges of the said horizontally disposed unit, the flanges of the said units having studs extended therefrom and a bar with slots in the lower edge extended across a gap between the said vertically disposed units with the said slot positioned over the studs.

2. A portable grille comprising a plurality of units, channel-shaped in cross section having webs with flanges extended from the opposite ends of the webs and having grooves in the extended edges of the flanges and the inner sides of the flanges and tongues extended from one of the ends of the flanges, a slab having tongues on the edges and also on one of the ends thereof positioned to connect the edges of the flanges on a pair of units when the pair of said units are vertically positioned upon a horizontally disposed unit and with tongues on the ends of the flanges of the units positioned in the grooves in the edges of the sides of the flanges of the said horizontally disposed unit, said slab having an opening therethrough, said units having corner braces positioned therein, and grates positioned in the grille and supported on the said corner braces.

3. A portable grille comprising a plurality of units, channel-shaped in cross section having webs with flanges extended from the opposite ends of the webs and having grooves in the extended edges of the flanges and the inner sides of the flanges and tongues extended from one of the ends of the flanges, a slab having tongues on the edges and also on one of the ends thereof positioned to connect the edges of the flanges on a pair of units when the pair of said units vertically positioned upon a horizontally disposed unit and with tongues on the ends of the flanges of the units positioned in the grooves in the edges of the sides of the flanges of the said horizontally disposed unit, said slab having an opening therethrough and said units having braces in the corners and longitudinally disposed grooves in the inner faces of the flanges, horizontally disposed grates positioned in the grille and carried by the said corner braces and vertically disposed grates positioned with the edges in the said longitudinally disposed grooves in the inner spaces of the flanges.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
926,910	Taylor	July 6, 1909
1,097,417	Frazer	May 19, 1914
1,959,198	Conry	May 15, 1934
2,124,837	Triolo	July 26, 1938
2,414,490	Speaker	Jan. 21, 1947
2,435,323	Pospisil	Feb. 3, 1948
2,499,156	Paoletta	Feb. 28, 1950

FOREIGN PATENTS

Number	Country	Date
269,169	Germany	Feb. 28, 1914