M. McKAIG, W. J. MUNCASTER & J. NEWCOMER.

GRIDIRON.

No. 173,131. Patented Feb. 8, 1876.

Fig. 1.

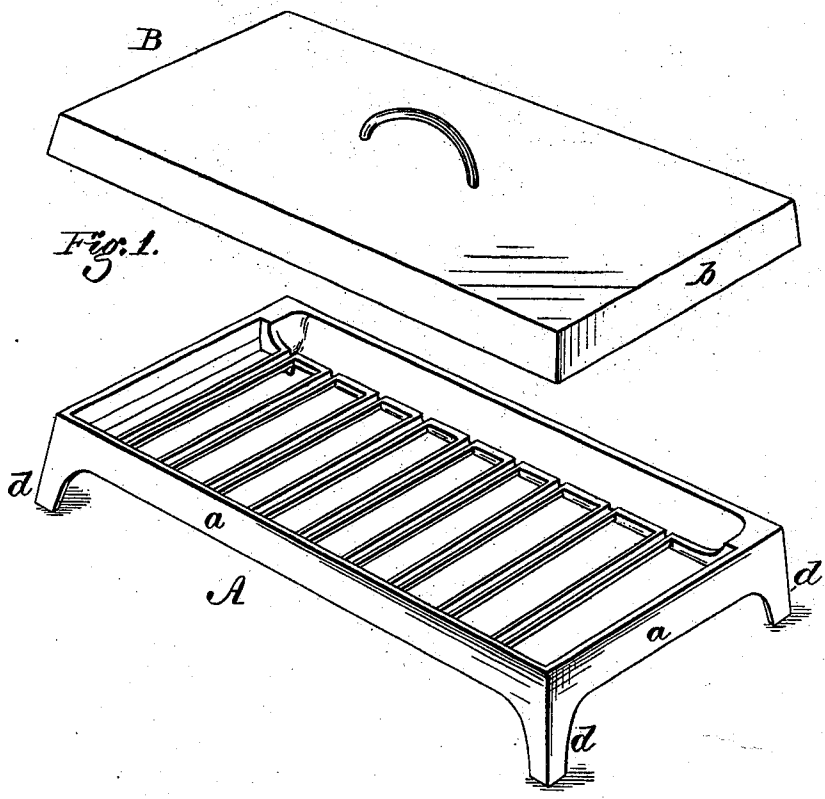
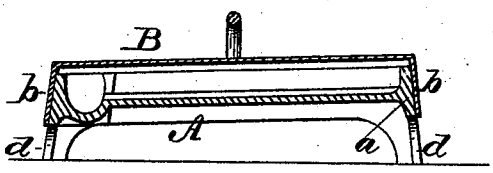


Fig. 2.



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UNITED STATES PATENT OFFICE.

MERWIN McKAIG, WALTER J. MUNCASTER, AND JONATHAN NEWCOMER, OF CUMBERLAND, MARYLAND.

IMPROVEMENT IN GRIDIRONS.

Specification forming part of Letters Patent No. **173,131**, dated February 8, 1876; application filed August 21, 1875.

To all whom it may concern:

Be it known that we, MERWIN MCKAIG, WALTER J. MUNCASTER, and JONATHAN NEWCOMER, of Cumberland, in the county of Alleghany and State of Maryland, have invented certain Improvements in Gridirons or Broilers, of which the following is a specification:

The invention consists in the combination of a cast-metal gridiron, having beveled outer edges, with a cover having an inclined flange or rim, which fits down over and around the edges of the body, as hereinafter described.

The object of the invention is to produce a cheap gridiron, which may have its cover readily applied in an air-tight manner, in order to retain the heated gases, &c., in contact with the upper surface of the meats, and thereby effect the cooking of both its sides at once.

We are aware that covered gridirons of various styles are now in use; but, owing to their defective constructions, the covers cannot be applied tightly, especially after the covers have become sprung and bent, as generally happens in course of time. By our combination of the bevel-edged body and the cover having a depending inclined flange to fit down over the same, we produce an article which is cheap in its construction, and in which there is a perfectly tight joint or union between the cover and body.

In the drawing, Figure 1 represents a perspective view of our gridiron with the cover raised, and Fig. 2 represents a cross-section of the same with the cover in place.

A represents the body, or gridiron proper, having its outer edges or sides *a* beveled or inclined in a straight line outward from top to bottom.

B represents the cover, made, preferably, of sheet metal, having at its outer edge a flange or rim, *b*, turned downward and outward at an inclination corresponding with that of the edges or sides *a* of the body, so that upon placing the cover in position and pressing it downward its flange or rim is caused to fit closely and tightly around the body, as shown in Fig. 2, effectually preventing the escape of the heated air or gases from the space above the meat. In order to attain the best results, the edges of the body are extended upward to a height sufficient to leave a small space or chamber above the meat, the cover made bright on its inner surface, and the edges of the cover made thin and elastic, so that they will readily adapt themselves to the inclined edges and fit snugly and with a wide bearing thereon.

We also prefer to support the body on legs at the corners, and to provide its cross-bars with deep grooves, communicating with a channel at one side to receive the juices and gravy.

What we claim as our invention, is—

The combination of the cast-metal body A, having the wide, flat inclined faces *a*, and the cover B, having the flat inclined flange *b*, fitting over and around the body, as shown, whereby a wide bearing is obtained, and a close union of the parts insured upon forcing down the cover.

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