

No. 678,235.

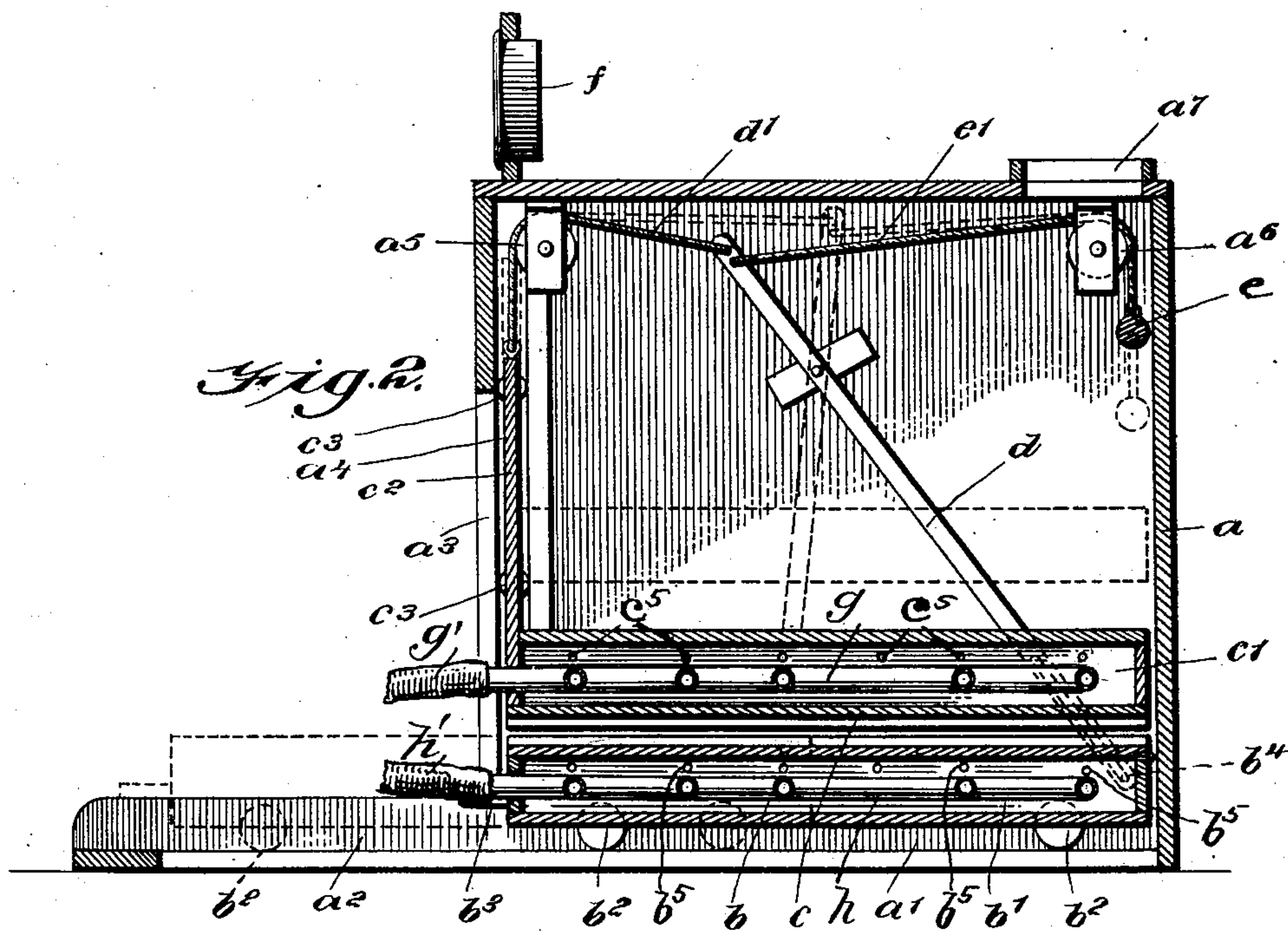
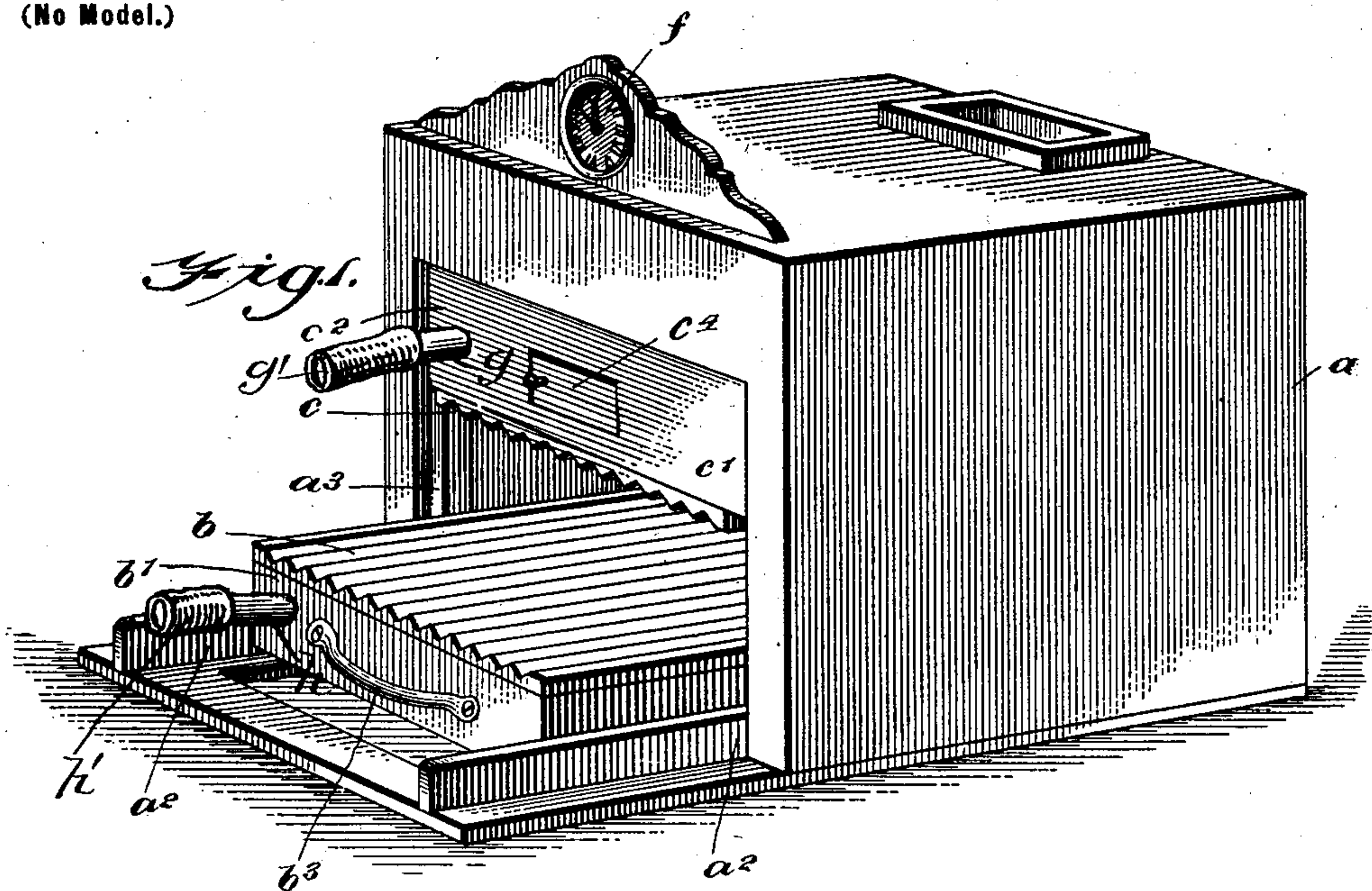
Patented July 9, 1901.

J. FERRACIOLI.

BROILER.

(Application filed Dec. 13, 1900.)

(No Model.)



WITNESSES:

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JOHN FERRACIOLI, OF NEW YORK, N. Y.

BROILER.

SPECIFICATION forming part of Letters Patent No. 678,235, dated July 9, 1901.

Application filed December 13, 1900. Serial No. 39,643. (No model)

To all whom it may concern:

Be it known that I, JOHN FERRACIOLI, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Broiler, of which the following is a full, clear, and exact description.

This invention relates to a broiler which enables me to prepare food rapidly and thoroughly and which at the same time is convenient to handle and operate, it being capable of being placed on top of an ordinary range or on a table or like support.

This specification is a specific description of one form of the invention, while the claims are definitions of the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of the invention, and Fig. 2 is a sectional view of the same.

The apparatus has a suitable casing *a*, in the bottom of which are arranged two oppositely-located tracks or slideways *a'*, which are continued outward in front of the body to form extension-slideways *a''*, as shown in Fig. 2. The front wall of the casing is formed with a large opening *a'''* therein, and in the lower part of the casing are situated two broiler-irons, (designated *b* and *c*, respectively.) A burner-case *b'* is arranged to carry the broiler-iron *b*, and a burner-case *c'* is arranged to carry the broiler-iron *c*. These cases *b'* and *c'* are adapted to contain any suitable heating apparatus. In the drawings I have shown gas-burners *g* and *h* supplied with gas through flexible tubes *g'* and *h'*; but obviously any other heating means could be employed, so that the broiler-irons *b* and *c* will be properly heated and the food placed between them thoroughly cooked. The case *b'* has its top wall or broiler-iron *b* hinged to the case, so that by raising the iron *b* the burner mechanism may be placed in position and the gas lighted when desired. The front wall of the case *c'* has an opening commanded by a lid *c''*, (see Fig. 1,) which facilitates lighting the burner *g*. Both of the cases *c'* and *b'* are perforated, as indicated at *c'''* and *b'''*, so

that air to support combustion may enter the cases. The burner-case *b'*, with its iron *b*, is provided with wheels *b''*, which run on the tracks *a'* and *a''*. A suitable handle *b'''* may be provided for drawing the case *b'* in and out, as indicated by the dotted lines in Fig. 2 and by full lines in Fig. 1. The wheels *b''*, running on the tracks *a'* and *a''*, enable the case to be moved back and forth to permit the food to be placed on and taken from the broiler-iron *b*. The burner-case *c'* has its front wall projected up, as indicated at *c''*, this projection forming not only a closure for the opening *a'''*, but also a means of guiding the movement of the burner-case *c'*, which movement is vertical within the casing *a*, as the dotted lines indicate. The casing *a* is formed at its sides directly adjacent to its front wall with tracks *a'''*, which are engaged by wheels *c''*, carried on the extension *c'''* of the burner-case *c'*. By these arrangements the burner-case *c'*, with its attached broiler-iron, may be raised and lowered, so as to engage the iron *c* with and disengage it from the iron *b*, as desired. This movement of the casing *c'* is brought about by the movement of the case *b'*. This is effected by levers *d*, which are two in number, fulcrumed, respectively, at the inner side walls of the casing *a* and having slotted lower ends, as shown by dotted lines in Fig. 2, such slotted ends being engaged by pins *b'''*, carried on the burner-case *b'*. The upper ends of the levers *d* are respectively connected with cords *d'*, which pass over sheaves *a'''*, mounted in the casing *a*, and thence downward to a connection with the upper end of the extension *c'''* of the burner-case *c'*. When the case *b'* is drawn forwardly, the levers *d* are thrown on their fulcrums, and through the medium of the cords *d'* the case *c'* is raised. This case returns to its lowered position by force of gravity when the case *b'* is pushed back into active position. For the purpose of assisting in raising the case *c'* the levers *d* may be connected by cords *e'* with a weight-bar *e*, which extends transversely across the case at the rear thereof, (see Fig. 2,) the cords *e'* passing over sheaves *a'''*, carried in the casing *a*. The casing is provided with an opening *a'''* in its top to permit the escape of gases from the casing, and, if desired, a clock *f* may be mounted on the top of the casing to enable the user

to conveniently observe the length of time that the food is allowed to cook.

Various changes in the form and details of my invention may be resorted to without departing from the spirit thereof, the principle
5 lying in the two broiler-irons respectively carried by the cases which are to hold the heating apparatus, and one of such cases being movable toward and from the other to
10 permit holding the food firmly and properly cooking it and the other iron being movable in a horizontal plane backward and forward to permit placing the food thereon.

Having thus described my invention, I
15 claim as new and desire to secure by Letters Patent—

1. A broiler, having two broiler-irons, burner-cases respectively carrying the same,
20 ed, the lower burner-case being arranged to

slide on the bottom of the casing, a lever engaged by the lower burner-case and thrown by the movement thereof, and a connection between the lever and the upper burner-case, for the purpose specified.

2. A broiler, having a frame or casing, two broiler-irons mounted therein, and devices for carrying said irons, one iron being movable toward and from the other and the other iron being mounted to slide in a plane trans-
30 verse to the line of movement of the first-named iron.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN FERRACIOLI.

Witnesses:

I. B. OWENS,
JNO. M. RITTER.