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C. C. MESSMER.

BROILER.

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Fig. 1.

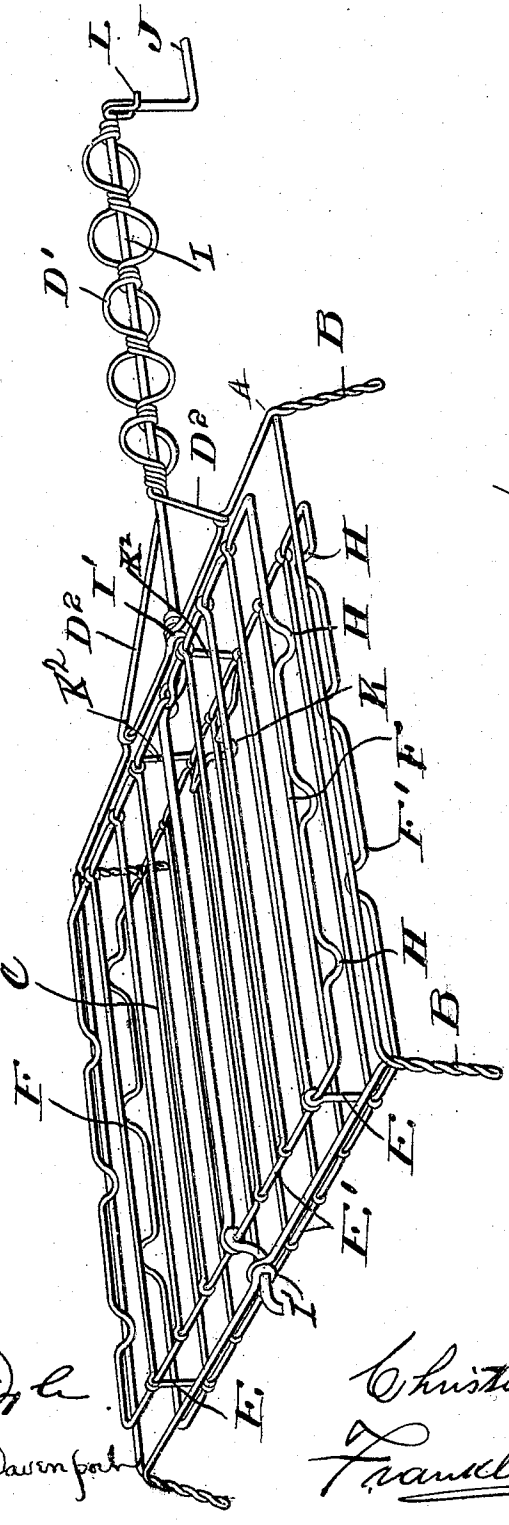
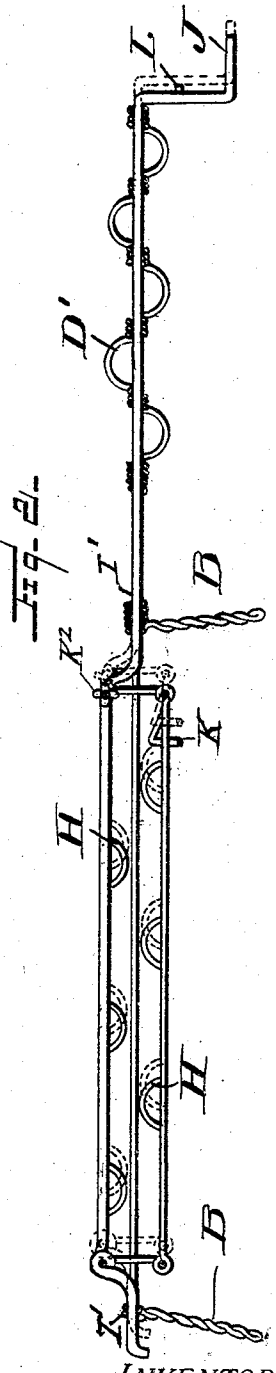


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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BROILER.

SPECIFICATION forming part of Letters Patent No. 788,415, dated April 25, 1905.

Application filed June 25, 1904. Serial No. 214,192.

To all whom it may concern:

Be it known that I, CHRISTIAN C. MESSMER, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented certain new and useful Improvements in Broilers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in broilers; and the object of the invention is to produce a simple and efficient device of this character, comprising a frame or standard having two sets of legs upon opposite sides thereof of different lengths, whereby the broiler may be held at different distances from the heat, suitable means being provided for turning the broiler within the standard or frame and holding the same in one position or another.

The invention consists, further, in various details of construction and in combinations and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings—

Figure 1 is a perspective view of my improved broiler. Fig. 2 is a central longitudinal sectional view through the handle, illustrating the means for holding the broiler from turning.

Reference now being had to the details of the drawings by letter, A designates the frame or standard designed to provide a pivotal support for the broiler. This frame is constructed of wire and preferably of the rectangular form shown, said frame being provided at its corners with suitable legs or supports B, which are constructed by twisting the wire forming the body portion of the frame and these twisted portions being extended downward, as shown.

C is the broiler, which is also constructed of wire and having dimensions slightly less than those of the outside supporting-frame A. The outer frame or standard A is provided with a suitable handle or arm D, which is preferably constructed of wire, which is bent to form the coils D′ of such form and size as to provide a suitable hold for the hand, said wire being bent at a point adjacent to the edge of the frame or standard to form suitable braces D^2. The broiler proper, C, is made of wire and in two sections, hinged together upon the side farthest removed from the handle, these hinges consisting of the rods E E, the eyes formed in the ends of which engage the wires of the two sections of the broiler-frame, as shown, the length of the rods E corresponding with the distance apart at which it is designed to retain the hinged sections of the broiler. Each of the hinged sections of the broiler consists of an outer marginal wire and a series of parallel longitudinal wires F, the outer end wires in both sections being provided at intervals with curves or depressions H, which serve to hold firmly the meat being broiled, and serving to prevent the same from being accidentally displaced in rotating the broiler.

Extending centrally through the handle is a shaft I, said shaft being journaled in eyes I′ in the opposite edges of the frame A. This shaft, thus extending entirely across the frame A and through the handle, is at its outer end bent to form an operating-crank J, by which the broiler may be turned at any time within its outer frame.

It will be noted that the supporting-legs B will permit the broiler to rest upon a stove with the broiler separated a short distance from the surface of the stove, and it will also be seen that if at any time it is desired the broiler-frame may be reversed, so as to throw the broiler proper into direct contact with the stove-surface.

In order to hold the two sections of the broiler together, I have provided a locking device comprising a bail K, the ends of which are pivotally connected at K^2 about one of the broilers, as shown. Said locking device is bent at an angle and is adapted to spring over the swinging section of the broiler.

In order to lock the crank J against turning, suitable lugs or horizontally-extending arms L are provided. When the crank is to be released from engagement with the said keepers L, it is simply necessary to pull the shaft I longitudinally until the crank is disengaged from the said keepers L, the spring of the wire of which the handle is composed serving to normally hold the crank in its locked position.

From the foregoing description the operation of the device and the advantages possessed by it will be readily understood. Upon releasing the locking-latch K the upper section of the broiler can be raised upward and the meat can be broiled if placed upon the lower section of the broiler. The upper section is then folded downward and secured in place by the latch K. The device is then placed upon the stove, the supporting-legs B serving to prevent the broiler from coming in direct contact with the stove. When it is desired to turn the broiler, it is simply necessary to lift the device from the stove, when by giving a one-half revolution to the shaft I by means of the crank J the broiler is turned and its opposite face presented to the heated surface of the stove. If for any reason the heat of the stove is not sufficient or if it should be desired to have the surface of the broiler rest directly upon the stove, this can be accomplished by simply reversing the position of the outer supporting-frame, so that the legs D will extend vertically above the broiler, as will be readily understood.

While I have shown a particular detailed construction of broiler illustrating the features of my invention, it will be understood that I may make alterations, if desired, in the detailed construction of the same without in any way departing from the spirit of my invention.

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

1. A broiler, comprising a frame with eyes formed in two of the opposite sides thereof to form bearings, a shaft having an angled portion and mounted to rotate in said eyes and adapted to have a slight longitudinal movement, broiler-jaws secured to said shaft, said frame having an extension forming bearings for the projecting portion of said shaft, and a keeper at the outer end of said projection to engage the bent end of the shaft, whereby the angled portion of the shaft may engage or be released from said catch, as set forth.

2. A broiler, comprising a frame with eyes formed in two of the opposite sides thereof to form bearings, a shaft having an angled portion and mounted to rotate in said eyes and adapted to have a slight longitudinal movement, broiler-jaws secured to said shaft, an extension of said frame being bent to form coils for bearings for the projecting portion of said shaft, the extreme end of said extension being downwardly bent and forming a keeper designed to receive the angled end of said shaft, as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

CHRISTIAN C. MESSMER.

Witnesses:
J. F. HABER,
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