(No Model.)

D. P. McHARG.

TOASTING OR BROILING IMPLEMENT.

No. 377,398. Patented Feb. 7, 1888.

Fig. 1.

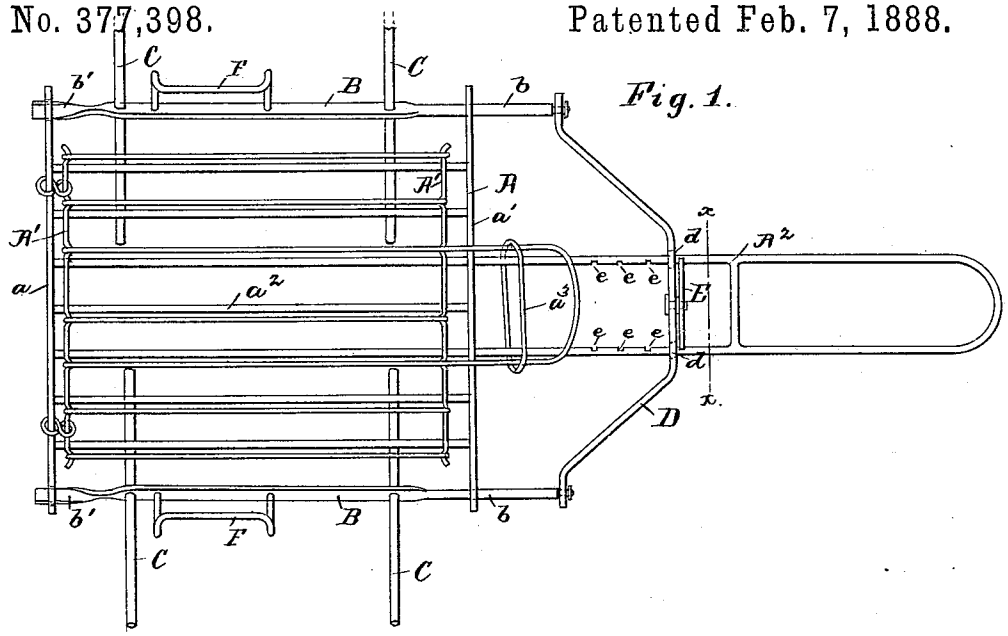


Fig. 2.

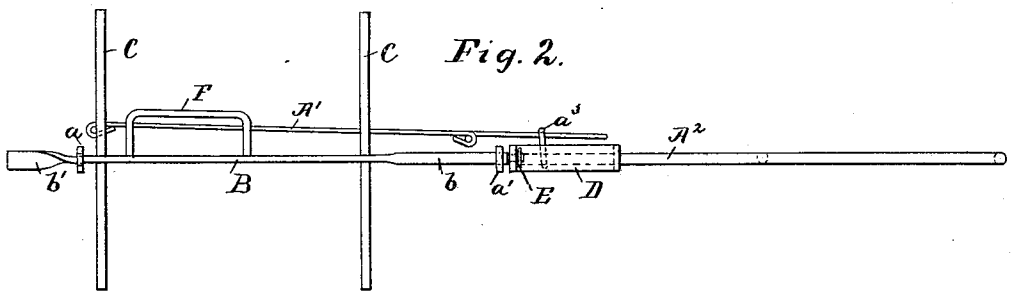
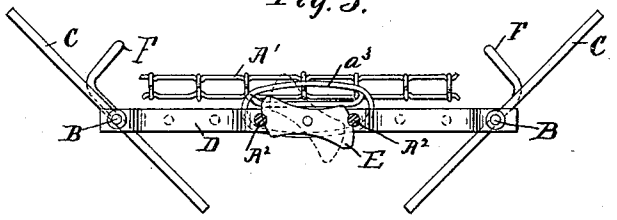


Fig. 3.



WITNESSES:

A. D. Fitch.

A. P. Wernicke

INVENTOR

Don Pedro McHarg

BY

D. P. Fitch.

ATTORNEY

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

DON P. McHARG, OF ROME, NEW YORK.

TOASTING OR BROILING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 377,398, dated February 7, 1888.

Application filed March 31, 1887. Serial No. 233,112. (No model.)

To all whom it may concern:

Be it known that I, DON PEDRO MCHARG, a citizen of the United States, residing at Rome, county of Oneida, State of New York, have invented an Improved Toaster or Broiler, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a kitchen-utensil known as a "toaster" or "broiler," consisting of a skeleton frame, upon which the thing to be toasted or broiled is laid; and my invention consists in the combination, with the frame of such toaster or broiler, of the devices hereinafter particularly shown and described, and as more at length recited in the claims.

Figure 1 is a plan of a toaster or broiler containing my invention. Fig. 2 is a side elevation of the same; and Fig. 3 is an end elevation showing the handle and locking device on the section-line *x x*, Fig. 1.

A is the broiler-frame, usually composed, as shown, of the front and rear end pieces, *a* and *a'*, and the cross bars or wires a^2, extending between the end pieces and fixed therein. A second frame, A', hinged to one of the end pieces and arranged to overlie the frame A, so that the object to be held on the broiler may be inclosed between the two frames, may be added. Such frame A' has means, such as shown at a^3, for locking its free end to the frame A detachably.

A^2 is the handle of the broiler or frame A, arranged as shown.

B B are rods, one end, *b*, of each of which is cylindrical and plays in a corresponding aperture in one of the end pieces, as at *a'*, of the frame A, and the opposite ends, *b'*, of each of which are flattened and twisted, as shown, and play in correspondingly-shaped apertures in the opposite end piece, *a;* or said ends *b'* are formed with an external screw-thread working in a threaded aperture in end piece, *a*, or in any other known and equivalent manner, whereby, when the said ends *b'* are caused to play through said apertures in the end piece, *a*, the said side bars, B B, will be caused to turn or rotate on their longitudinal axes. In the side bars, B, and preferably extending through them so as to project an equal distance from each of the opposite sides thereof, are the legs C C, fixed in said side bars.

D is a yoke secured upon the forward ends of the side rods, B B, and through an opening or openings, *d*, in which the handle A^2 passes, said handle having play through said yoke, as shown.

E is a latch or catch pivoted on said yoke, and adapted to engage notches *e* in or upon the handle A^2. The described parts and devices are so constructed and arranged relatively to each other that when the side rods, B, are drawn forward, and the legs C are thus swung by the rotation of said rods so as to be folded under the frame A and lie flat, the said side bars and legs may be locked in this position by the latch E, as shown in Fig. 1, and that when the said side bars, B, are pushed rearward more or less the said side bars will be more or less rotated, and the legs C will be swung into the inclined position shown in Fig. 3, or into the perpendicular position shown in Fig. 2, and the parts then locked in the desired position by the engagement of the latch E with one or other of the notches *e*.

The angle-arms F may be fixed to the side bars, B, if desired, and will be found to serve the purpose of holding slices of bread upon the toaster without the necessity of inserting such slices between the frames A and A'. When bread is to be toasted expeditiously, these arms F will be found useful.

It is evident that by means of the devices shown and described the toasting or broiling frame may be so adjusted on the legs C as to be brought to a desirable distance from the fire-bed, as the intensity or brightness of the fire may render necessary to accomplish the toasting or broiling successfully. When a hot fire is used, the toaster may be supported by the legs set perpendicularly, and as the fire varies the elevation of the toaster may be varied, its desired position being maintained by the locking device E. The necessity for the toaster or broiler being held by hand at a greater or less fixed distance from the fire during the operation of toasting is thus avoided.

I do not limit myself to the precise catch device E, as any known device for adjustably locking the yoke D to the frame-handle may be employed.

The legs C extend, preferably, the same distance from opposite sides of the side bars, B, as shown and hereinbefore stated, so that when the position of the broiler is reversed over the fire the legs will support it at the same distance from the fire in the reversed position.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a toasting or broiling implement, the combination, with the broiling-frame, of rotatable rods extending longitudinally of the frame at opposite edges thereof and having bearings in the end pieces thereof, and legs fixed in and projecting an equal distance from opposite sides of said rotatable rods, together with locking devices, substantially as described, adapted to lock said rotatable rods in position when rotated relatively to the broiler-frame, as set forth, whereby the legs carried by the rotatable rods and constituting the sole support to the broiler-frame may be adjusted and held at such an angle to the frame as to sustain either side of the same at an equal distance from the fire-bed, as specified.

2. In a toasting or broiling implement, the combination, with a broiling-frame composed of two sections hinged together at corresponding edges and adapted to be detachably locked together at their opposite or free edges, of rotatable rods extending longitudinally of one of the frame-sections and working in bearings in the end pieces thereof, and legs fixed in and projecting an equal distance from opposite sides of said rods, together with locking devices, substantially as described, carried by said rods and adapted to lock said rods to said frame-section in position relatively thereto, as and for the purpose set forth.

3. In a toasting or broiling implement, the combination, with the frame A, of the rotatable side bars, B B, having flat twisted ends *b'*, playing in said frame, the legs C C, carried by and extended from one or both sides of said bars, the yoke D, uniting said bars, and means, substantially as described, for adjustably locking said yoke to said frame, as and for the purpose described.

4. In a toasting or broiling implement, the combination, with the frame A, of the bars B B, having the flat and twisted ends *b'*, working in corresponding bearings in the frame, the legs C C, carried by and extending from one or both sides of said bars, the yoke D, uniting said bars, together with the latch E on said yoke, adapted to engage the series of notches *e*, with which said frame A is provided, as and for the purpose set forth.

5. In a toasting or broiling implement, the combination, with the frame A, of rotatable rods extending longitudinally of the frame at opposite edges thereof and working in bearings in the end pieces thereof, legs fixed in and extending an equal distance from opposite sides of said rods, angle-arms F, fixed in said rods and adapted to reach therefrom over the broiling-frame, together with locking devices carried by the rods and adapted to lock the rods and their legs and angle-arms to the frame and in position relatively thereto, as and for the purpose specified.

D. P. McHARG.

Witnesses:
C. H. WHEELER,
WILLIAM STEVENS.