

H. A. KELLY.
STEAMER ATTACHMENT.
APPLICATION FILED APR. 10, 1918.

1,315,671.

Patented Sept. 9, 1919.

Fig. 1.

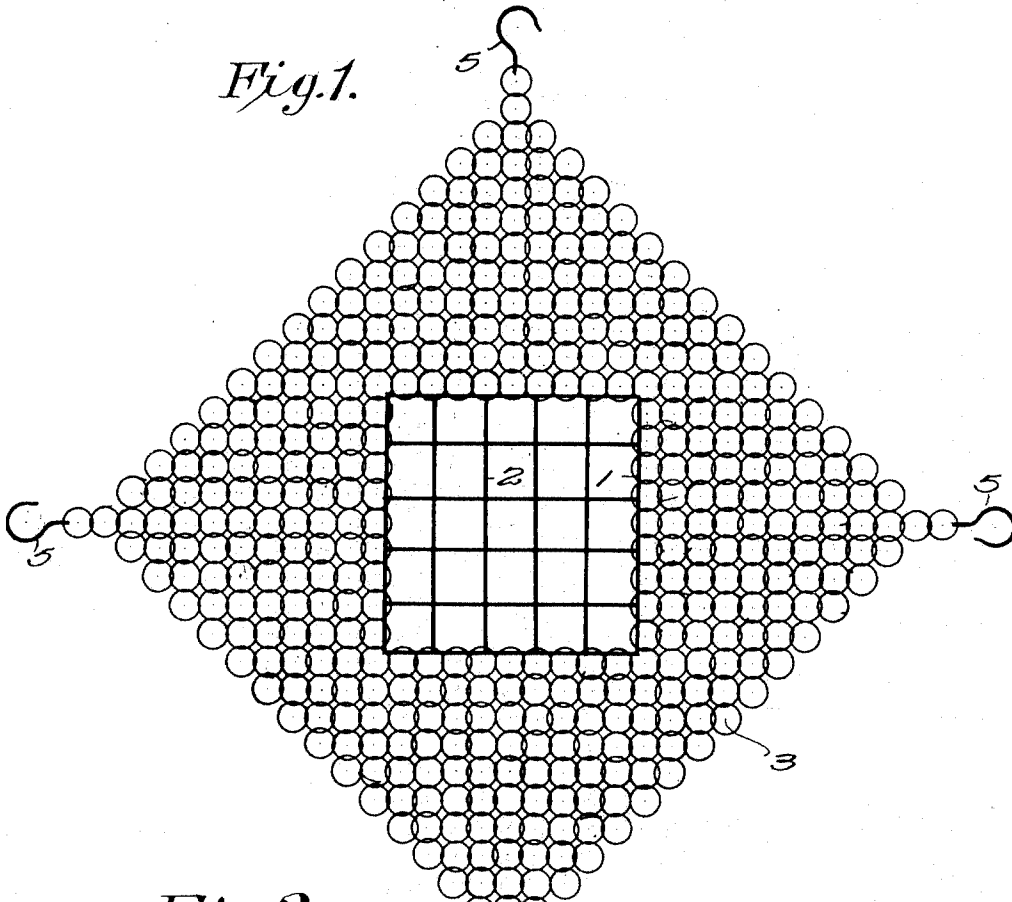
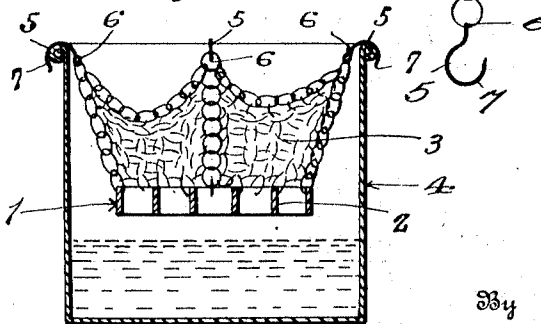


Fig. 2.



Hugh A. Kelly
Inventor

By *Geot. Kimmel*
Attorney

UNITED STATES PATENT OFFICE.

HUGH AUGUSTINE KELLY, OF PITTSBURG, NEW HAMPSHIRE.

STEAMER ATTACHMENT.

1,315,671.

Specification of Letters Patent.

Patented Sept. 9, 1919.

Application filed April 10, 1918. Serial No. 227,863.

To all whom it may concern:

Be it known that I, HUGH AUGUSTINE KELLY, a citizen of the United States, residing at Pittsburg, in the county of Coos and State of New Hampshire, have invented certain new and useful Improvements in Steamer Attachments, of which the following is a specification.

This invention relates to new and useful improvements in steamer attachments, and the primary object of the invention is to provide an attachment of this kind adapted to be positioned in a boiler receptacle, and which comprises a frame that has connected with the sides thereof a wire net, the said net, having its edges adapted to be connected with the edges of the boiler, whereby the material to be steamed will be supported above the water in the boiler so that it may be cooked by the steam. This type of device is adapted to be used for cooking or boiling clothes, as it forms a very efficient type of support that is provided with a central rigid portion and a netting surrounding the same so as to not interfere with the circulation of steam, or if the attachment is used for boiling clothes, with the boiling water circulating through the same.

A further object of the invention is to provide a device of this character which is easily and simply constructed, inexpensive to manufacture, and one which will be very efficient in operation.

With these and numerous other objects in view, my invention consists of the novel features of construction, combination and arrangement of parts which will be herein referred to and more particularly pointed out in the specification and claims.

In the accompanying drawings, Figure 1 illustrates a plan view of the attachment, Fig. 2 is a sectional view of a container with the improvement applied and in section.

The numeral 1 designates a skeleton frame which is preferably rectangular in shape and which is provided with cross bars 2 that extend from the sides thereof across the frame to form a support for the material to be cooked or steamed. This frame is preferably formed entirely of metal and is of a light construction, but is adapted to form a rigid center for the attachment.

Connected with the sides of the frame 1 is a wire netting 3 which is likewise substantially rectangular in shape, having an open center in which the frame 1 is positioned.

The arrangement of the netting 3 does not conform to the positioning of the frame 1 as is obvious from the drawings, and the corners of the frame will be disposed at points nearest the sides of the wire netting. Connected with the corners of the netting 3 are hooks 5 which have their shanks 6 detachably connected with the links of the net as shown while the bill portions 7 of said hooks are adapted to be engaged with the edge of the boiler receptacle represented conventionally at 4.

In operation, this attachment is adapted to be positioned in a boiler or like receptacle and the hooks 5 are engaged with the upper edges thereof as shown in Fig. 2. This will support the frame 1 that is positioned within the netting 3, within the boiler and the device is so arranged when in operative position that the frame 1 will be preferably disposed above the water in the boiler, so that the material supported on the attachment will be disposed above the water. As the frame 1 is of a skeleton construction this combined with the construction of the wire net 3 permits a free circulation of the steam through the attachment so as to steam or cook the material supported thereby. If the attachment is used as a clothes boiler, the clothes are positioned within the netting on the rigid frame 1, and the attachment may be positioned in the water so that the boiling water is adapted to circulate through the clothes, but the dirt will drop therefrom and into the bottom of the boiler from which the frame 1 is spaced.

This steamer or boiling attachment is very simply constructed, and the novel arrangement of parts permits a free circulation of water or steam through the material contained therein. Owing to the fact that the hooks 5 are loosely and detachably connected with the netting, the attachment is adapted to be used on various kinds of boiling receptacles such as wash boilers, pots, or pans, the configuration of the receptacle being immaterial.

From the foregoing description taken in connection with the accompanying drawing, it is thought that a clear and comprehensive understanding of the construction, operation and advantages of my invention may be had, and while I have shown and described the device as embodying a specific structure, I desire that it be understood that such changes may be made in said structure

as do not depart from the spirit and scope of the invention as claimed.

Having fully described my invention, what I claim as new, and desire to secure 5 by Letters Patent, is:

1. An attachment of the class described including a substantially rectangular rigid frame, cross rods secured in said frame, a substantially rectangular shaped flexible 10 wire netting having a central opening therein of a shape corresponding to the contour of the frame, the inner edges of said netting being connected with the sides of the frame,

and hooks having their shanks detachably connected with the outer corners of the 15 netting.

2. An attachment of the class described including a rigid foraminous member, a flexible netting having a central opening 20 conforming to the contour of the rigid member with the edges of the opening connected to the same, and attaching means connected to the corners of the netting.

In testimony whereof, I affix my signature hereto.

HUGH AUGUSTINE KELLY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."