

G. BENDIX.
STRAINER ATTACHMENT.
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1,087,708.

Patented Feb. 17. 1914.

Fig. 1.

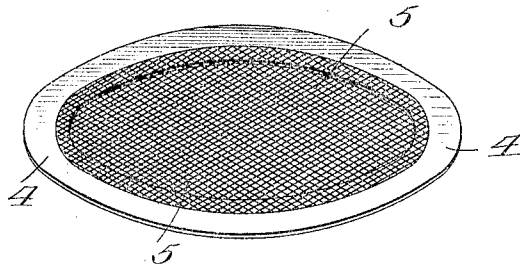
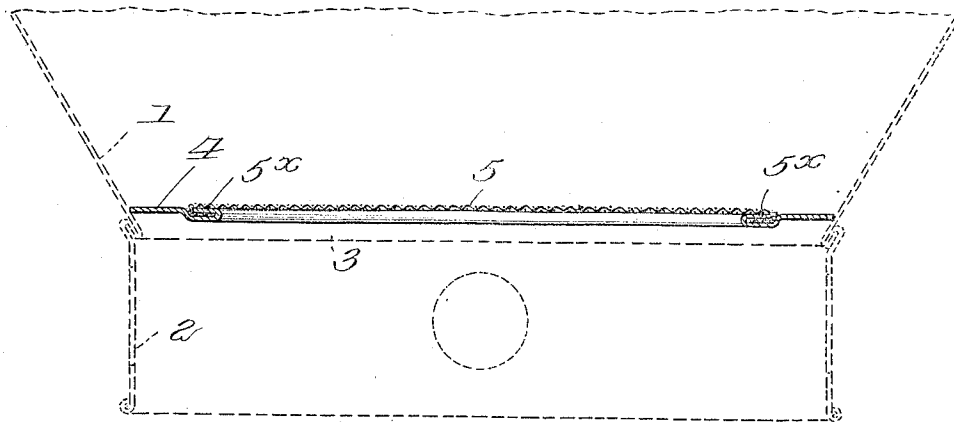


Fig. 2.



WITNESSES
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STRAINER ATTACHMENT.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE BENDIX, a citizen of the United States, and a resident of Vesta, in the county of Redwood and State of Minnesota, have made a new and useful Improvement in Strainer Attachments, of which the following is a specification.

My invention relates to improvements in attachments for strainers and it consists in the device hereinafter described and claimed.

An object of my invention is to provide a device whereby a strainer for milk or other fluids may be quickly repaired without the necessity of dismantling the device.

A further object of my invention is to provide an article of manufacture which may be used with an ordinary milk strainer and whose use will practically render the strainer as good as new.

Other objects and advantages will appear in the following specification and the novel features of the invention will be particularly pointed out in the appended claims.

My invention is illustrated in the accompanying drawing in which,

Figure 1 is a perspective view of the attachment, and Fig. 2 is a sectional view showing the position of the attachment in the strainer.

In strainers of the type shown in Fig. 2, consisting of a funnel-shaped body 1, to which is attached a cylindrical neck 2 designed to enter a milk can, wire cloth is carried at the junction of the parts 1 and 2, as is represented by the dotted line 3 in Fig. 2. These wire cloth screens are constantly being broken by rough usage. The ordinary method of repairing a strainer of this type is to disconnect the cylindrical portion 2 from the funnel portion 1, take off the broken wire cloth, and replace it with new, after which the cylindrical portion 2 has to be replaced. This involves considerable time and labor.

To obviate the necessity of the common repairing operation, I provide an annular plate or ring 4, the center opening of which is covered by means of screen or wire cloth 5. In the preferred form of the device, the inner edge 5' of the ring is bent back upon itself, the outer edge of the wire cloth being secured between the bent over portion and the main portion of the ring. Instead of having to dismantle the strainer by detaching the part 1 from the part 2, the only thing necessary to do is to place the ring 4 within the strainer until it contacts with the bottom part of the funnel portion 1. The edge of the ring may now be soldered to the body portion of the strainer.

The ring 4 with the wire cloth 5 would be made up in various sizes to accommodate strainers of greater or less capacity. The rings are made full width so that they may be trimmed if necessary. Ordinarily, however, this would not be required.

I claim:

1. The combination with a milk strainer having conical walls, of an annular plate arranged to contact with the walls all around its periphery, and a circular strip of wire cloth secured to the inner edges of said annular plate for covering the central opening in the latter.

2. The combination with a milk strainer having conical walls, of an annular plate arranged to contact with the walls all around its periphery, the inner edge of said annular plate being bent back upon itself, a circular strip of wire cloth having its outer edges bent back between the bent edges of said annular plate and being clamped between said edges and arranged to cover the opening in the annular plate.

GEORGE BENDIX.

Witnesses:

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