

E. MANDEL & G. C. MOLDENHAUER.

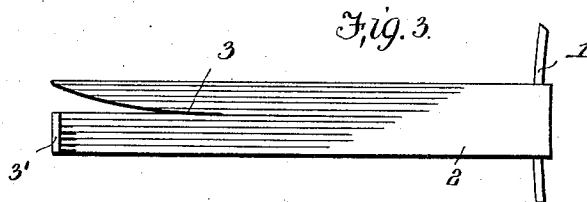
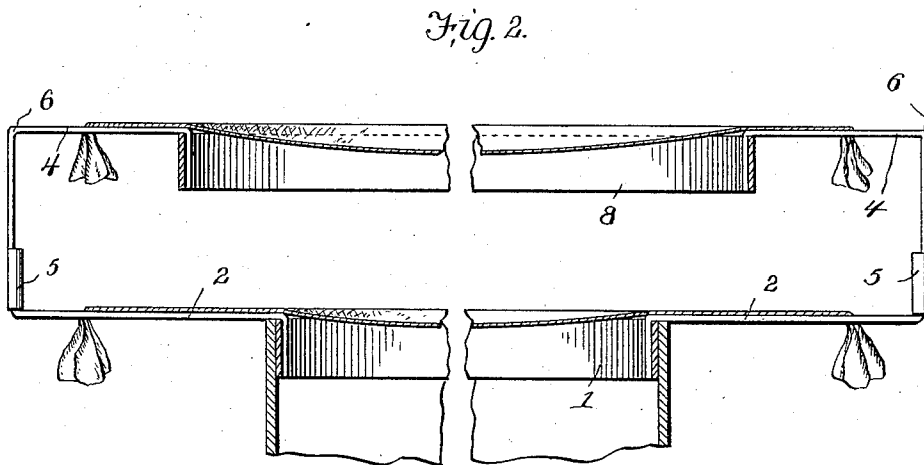
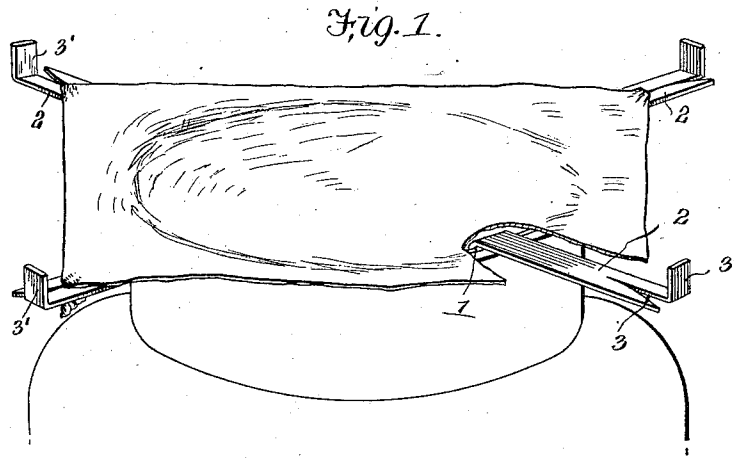
MILK STRAINER RACK.

APPLICATION FILED SEPT. 6, 1912.

1,065,821.

Patented June 24, 1913.

2 SHEETS—SHEET 1.



Witnesses
William S. Smith
K. Allen.

Inventors
E. Mandel.
Gustav C. Moldenhauer.

By Victor J. Evans
Attorney

E. MANDEL & G. C. MOLDENHAUER.

MILK STRAINER RACK.

APPLICATION FILED SEPT. 6, 1912.

1,065,821.

Patented June 24, 1913.

2 SHEETS-SHEET 2.

Fig. 4.

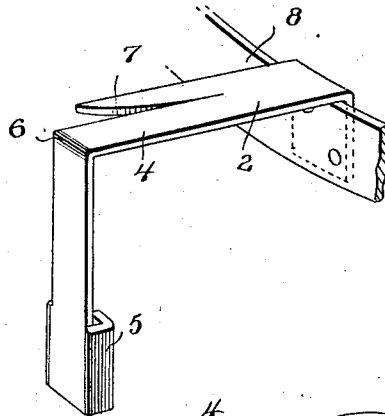


Fig. 6.

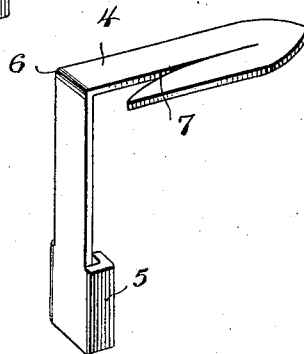


Fig. 7.

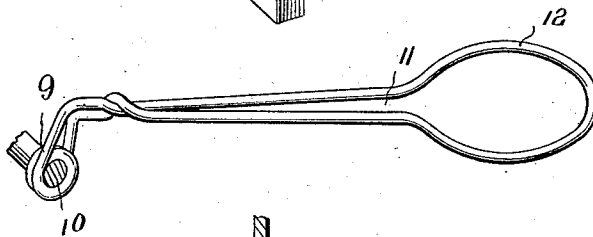
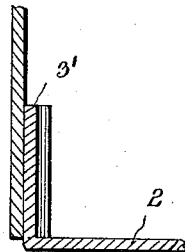


Fig. 5.



Witnesses
William Smith

J. Allen.

Inventors

E. Mandel.
Gustav C. Moldenhauer.

By Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

ERNST MANDEL AND GUSTAV C. MOLDENHAUER, OF COLBY, WISCONSIN.

MILK-STRAINER RACK.

1,065,821.

Specification of Letters Patent.

Patented June 24, 1913.

Application filed September 6, 1912. Serial No. 718,921.

To all whom it may concern:

Be it known that we, ERNST MANDEL and GUSTAV C. MOLDENHAUER, citizens of the United States, residing at Colby, in the county of Clark and State of Wisconsin, have invented new and useful Improvements in Milk-Strainer Racks, of which the following is a specification.

This invention relates to strainer cloth holders, the object in view being to provide a convenient holder or rack for supporting one or more strainer cloths over the mouth of a receptacle, such as a milk can, doing away entirely with the use of clothes pins and other forms of fastening devices now in common use for the purpose, while at the same time producing a sanitary and convenient article, enabling the cloth or cloths to be easily applied to and removed from the holder, and when in place to exclude dust, dirt and other foreign matter from the milk or other material after it is strained.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claims hereunto appended.

In the drawings: Figure 1 is a perspective view of a single strainer cloth holder shown applied to a can. Fig. 2 is a vertical diametrical section showing a double strainer arrangement. Fig. 3 is a plan view of the single strainer cloth holder. Fig. 4 is a perspective view of the upper section of the holder. Fig. 5 is a detail vertical section through the connection between the top and bottom holders. Fig. 6 is a detail view of a modified form of arm. Fig. 7 is a detail perspective view of another form of arm.

The strainer cloth holder contemplated in this invention comprises essentially a hoop or band 1 adapted to embrace the neck or mouth of a receptacle, such as a milk can, for the purpose of supporting the strainer holder as a whole upon the can, so that the strainer cloth or cloths when applied to the holder will be supported directly over the mouth or neck of the can. Extending outward radially from said hoop 1 is a series of arms 2, each of which is provided with a V-shaped notch or slit 3, in which a portion of the margin of the strainer cloth is adapted

to be jammed, and thereby securely fastened and held, as illustrated in the drawings, the main body of the cloth being stretched over the hoop 1, and consequently over the mouth of the can or other receptacle. Each arm 2 is further provided with an upstanding terminal tongue 3', for a purpose which will hereinafter appear.

In some instances, it is desirable to use more than a single strainer cloth, in which event I provide a second strainer cloth holder, which consists of a series of extension arms 4, each of which is provided at its lower end with a sleeve or socket 5 adapted to receive the upstanding tongue 3' referred to, whereby the extension arms 4 are detachably connected with the main arms 2 connected with the band 1, as above described. Each of the arms 4 is bent, as shown at 6, and extended inward and provided with a V-shaped notch or slit 7 adapted to receive a marginal portion of an upper or superimposed strainer cloth which is thereby supported by means of all of the extension arms above the lower or main strainer cloth, hereinabove referred to.

If desired, all of the extension arms may be connected to a common hoop or band 8, so that they may be removed simultaneously from the lower set of arms, said band or hoop 8 also serving as a support for the upper strainer cloth holder over which the cloth is stretched.

The slit 3 may either be of the open type, as shown in Figs. 1 to 6, inclusive, or said slit or notch may be formed as shown in Fig. 7, wherein it will be observed that the arm is constructed of a piece of wire of suitable length bent upon itself, and secured at 9 to the hoop or band 10, the wire being so bent as to provide a V-shaped slit 11, and an enlarged loop 12 at the outer end thereof, the arrangement described enabling a portion of the margin of the strainer cloth to be passed through the loop 12 and drawn tightly into the slit forming an extension of said loop.

In view of the foregoing description, it will be understood that it is only the work of a moment to apply the strainer cloth to the holder and to remove the same therefrom. This makes the device as a whole sanitary, in that the cloths may be readily detached, cleaned, and restored to their useful position. Furthermore, by means of the

construction described, the device is adapted to support either one or two strainer cloths, as may be found desirable.

What is claimed is:

- 5 1. A strainer cloth holder, comprising a hoop, and arms extending therefrom and provided with slits to hold marginal portions of the cloth.
- 10 2. A strainer cloth holder, comprising a hoop, and upper and lower sets of arms provided with slits to hold marginal portions of strainer cloths.
- 15 3. A strainer cloth holder, comprising a hoop, arms extending therefrom and provided with slits to hold marginal portions of the cloth, and other cloth holding arms detachably connected with the first set and adapted to engage a superimposed cloth.
- 20 4. A strainer cloth holder, comprising a hoop, arms extending therefrom and provided with slits to hold marginal portions of the cloth, other cloth holding arms detachably connected with the first set and adapted to engage a superimposed cloth, and a band connecting the second set of arms.
5. A strainer cloth holder, comprising a hoop, arms extending therefrom and provided with slits to hold marginal portions of the cloth, tongues projecting from said arms, and a second set of cloth holding arms having sockets to receive said tongues.

In testimony whereof we affix our signatures in presence of two witnesses.

ERNST MANDEL.
GUSTAV C. MOLDENHAUER.

Witnesses:

A. MATTHIES,
R. G. SALTER.

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