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R. C. LOGAN

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DAIRYMAN'S GLOVE

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Fig. 1

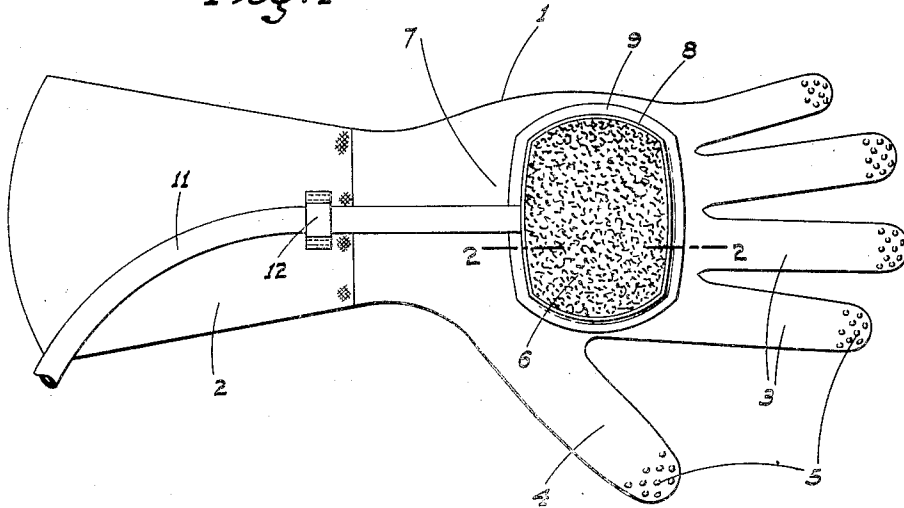


Fig. 2

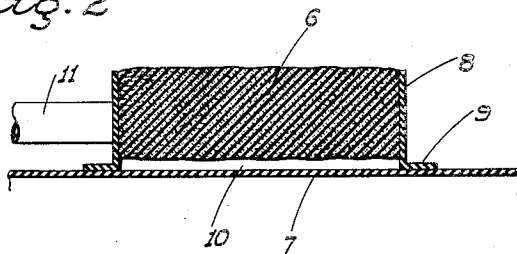
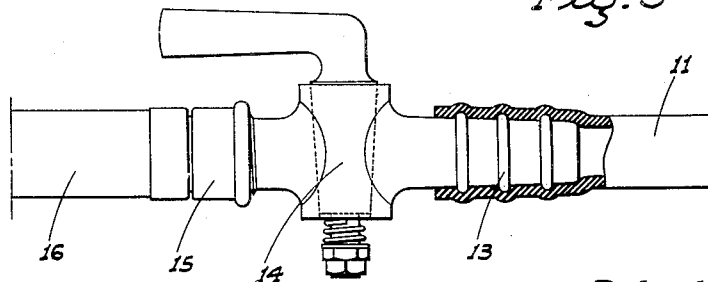


Fig. 3



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DAIRYMAN'S GLOVE

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1 Claim. (Cl. 15—130)

1

This invention relates generally to an improved dairyman's glove, and in particular the invention is directed to, and it is an object to provide, a dairyman's glove adapted to be used for cleaning a cow's udder and teats prior to milking, and for massaging the udder to stimulate the flow of milk.

A further object of the present invention is to provide a dairyman's glove, for the above purpose, which is formed of flexible and resilient material, such as rubber, and which glove includes a sponge pad fixed to the palm thereof, and a flexible tube connected at one end to the pad and adapted at the other end to connect with a water supply hose.

An additional object of this invention is to provide a dairyman's glove, as in the preceding paragraph, wherein the flexible tube is detachably connected with a combination valve and nozzle on the water supply hose, whereby when the tube is disconnected from said valve the nozzle may be used for flushing the legs and flanks of a cow, or to wash the floor.

It is also an object of this invention to provide a dairyman's glove of the type described which is pebbled or otherwise roughened at the outer end portions of the fingers to facilitate the removal of dirt from the cow's udder and teats as the same are being washed.

A still further object is to provide a dairyman's glove wherein the sponge pad is so constructed as to prevent lateral discharge of the water therefrom, and which assures that the water flows only from the working face of said pad.

A further object of the invention is to produce a simple and inexpensive article of manufacture and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Figure 1 is an open hand view of my improved dairyman's glove.

Figure 2 is an enlarged fragmentary cross section on line 2—2 of Fig. 1.

Figure 3 is a fragmentary elevation, partly in section, showing the combination valve and nozzle as connected with the flexible tube of the glove.

Referring now more particularly to the characters of reference on the drawing, the numeral

2

1 indicates a glove formed of flexible and resilient material, such as rubber; such glove including a gauntlet type sleeve portion 2. The outer ends of the fingers 3 and thumb 4 of the glove are pebbled or otherwise roughened, as at 5, on the working face thereof.

A relatively thick pad 6 of sponge rubber or the like is mounted in connection with and faces outwardly from the palm 7 of the glove; the pad being constructed and mounted as follows:

The pad 6 is generally of oval shape in plan and is bordered by a full width, endless wall 8 of relatively stiff but resilient material, preferably rubber. The wall 8 is formed as a unitary part of the pad and at its inner edge said wall extends inwardly beyond the pad and thence turns outwardly as an endless attachment flange 9. The flange 9 is secured to the palm of the glove 1 by vulcanizing, and when the pad is mounted in place a relatively shallow water receiving chamber 10 is formed between the palm 7 and the adjacent face of the pad 6.

A flexible hose or tube 11 of relatively small diameter extends through the wall 8 on the side opposite the fingers 3 and communicates with the pad 6; said tube being attached, as at 12, to the gauntlet portion 2, whereby to prevent such tube from interfering with use of the glove. At its other end the tube 11, which can be of any convenient length, is detachably connected with an exteriorly corrugated, projecting nipple or nozzle 13 of a valve 14 of the cock type, such valve 14 being connected by a coupling 15 with the outlet end of a water supply hose 16.

In use of the above described glove, the tube 11 is first connected with the nozzle 13 of valve 14, and the latter is then turned on to supply a stream of water to the pad 6. The chamber 10 fills with water and thereby assures an even distribution through the pad, particularly when the glove is in use.

With water flowing from the pad 6 the wearer scrubs the cow's udder and teats with a massaging action, which results in effective cleansing thereof, as well as stimulating the flow of milk preparatory to the milking operation. The pebbled portions 5 at the ends of the fingers 3 and thumb 4 also facilitate the cleaning operation.

When the cow's udder and teats have been cleaned and properly massaged preparatory to milking, the tube 11 may be disconnected from the nozzle and the latter used to project a stream of water on the cow's flanks and legs to clean the same. Also the nozzle 13 when detached from the tube 11 is useful to flush off the barn

3

floor or the like. When the pad 6 becomes worn, it can be removed, together with the tube 11, by merely detaching the flange 9 from the glove palm, and a new pad and tube unit can then be replaced; the flange of the new unit being vulcanized to the palm 7 either by the hot or cold patch process.

From the foregoing description it will be readily seen that I have produced such an article of manufacture as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the article of manufacture, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claim.

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

4

A dairyman's glove which includes a palm portion and finger sheaths extending from said palm portion, an outwardly facing sponge pad fixed on the palm portion only and of transverse dimensions no greater than those defined by such palm portion whereby to leave the finger sheaths free for flexing independently of and about the pad, an endless non-perforate resilient peripheral wall defining a holder for the pad, such wall being sealed at its lower edge to the palm of the glove and the bottom of the pad being spaced from the palm of the glove to form a chamber whereby liquid supplied to the pad will filter therethrough and fill the chamber so that upon flexing of the finger sheaths about the pad the liquid in the chamber will be diffused uniformly through and out of the outer surface of the pad, and means to supply a liquid to the pad.

20

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