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J. H. BLANEY.

STRAINING ATTACHMENT FOR MILK CANS.

APPLICATION FILED OCT. 15, 1903.

NO MODEL.

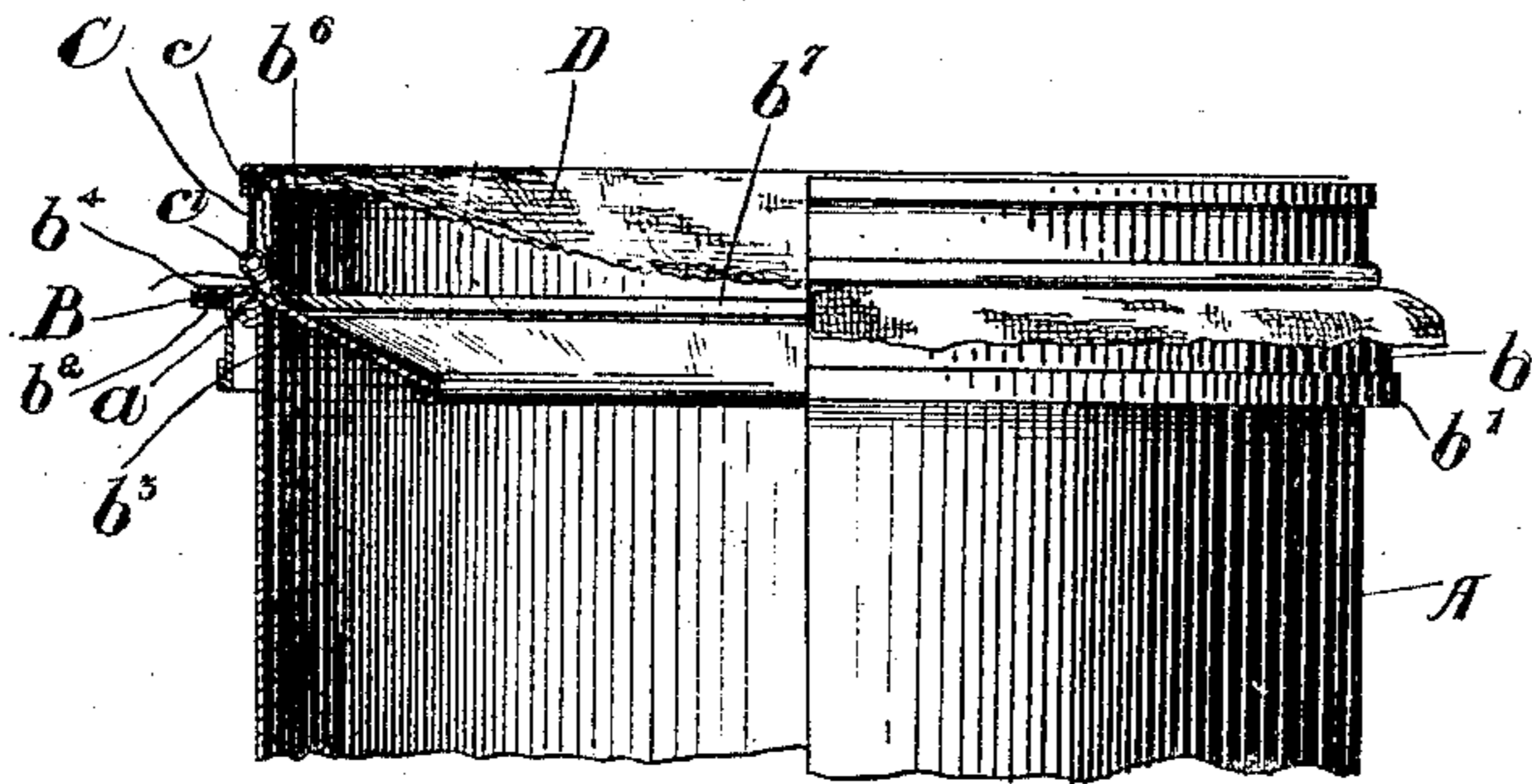


Fig. 1.

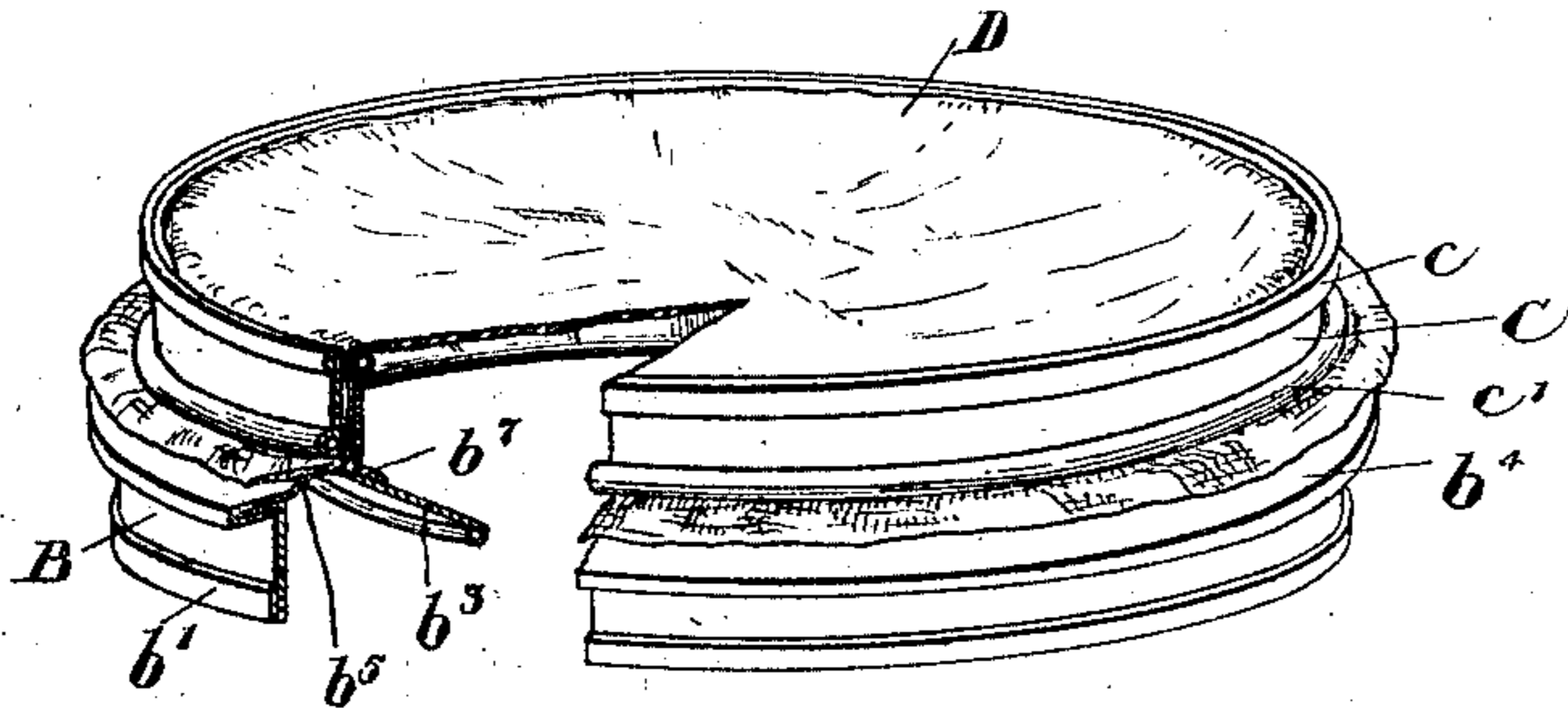


Fig. 2.

Witnesses.

B. B. Sheffield

A. W. Symes

Inventor.

J. H. Blaney

by Fred. B. Fetherstonhaugh

Attorney

UNITED STATES PATENT OFFICE.

JAMES HENRY BLANEY, OF FENAGHVALE, CANADA.

STRAINING ATTACHMENT FOR MILK-CANS.

SPECIFICATION forming part of Letters Patent No. 755,609, dated March 29, 1904.

Application filed October 15, 1903. Serial No. 177,173. (No model.)

To all whom it may concern:

Be it known that I, JAMES HENRY BLANEY, of the village of Fenaghvale, in the county of Prescott, Province of Ontario, Canada, have invented certain new and useful Improvements in Straining Attachments for Milk-Cans, of which the following is a specification.

My invention relates to improvements in straining attachments for milk-cans; and the objects of my invention are to provide a cheap and simple strainer which may be readily attached to or removed from the upper end of the milk-can and means on the device for removably securing a strainer, of cheese-cloth or other suitable material, thereto, so as to extend over the mouth of the can, further objects being to make the device rigid and durable; and it consists, essentially, of the body or main portion consisting of a downwardly-extending annular flange and an inwardly-sloping flange secured thereto, an upwardly-extending annular portion secured to said inwardly-sloping flange, a clamping-ring adapted to clamp a strainer, of cheese-cloth or other suitable material, to the upwardly-extending portion of the device, the various parts of the device being constructed and arranged in detail, as hereinafter more particularly described.

Figure 1 is a side view of the upper portion of a milk-can with the strainer attached thereto, a portion of the can and strainer being cut away to illustrate the construction. Fig. 2 is a perspective view of the strainer with a portion broken away for the purpose of illustration.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the milk-can, which is of ordinary construction, having the overturned upper edge α .

B is the main portion or body of the strainer, which has downwardly-extending flange b , having its lower edge b' preferably turned up, as shown. The upper edge b'' of this flange is turned horizontally outward.

b^3 is an inwardly and downwardly sloping portion, the lower end thereof, b^4 , being bent over. The upper edge of this sloping portion is bent around the flange b^2 and soldered or otherwise secured thereto. A grooved por-

tion b^5 is intended to form a groove to receive the upper edge of the milk-can.

b^6 is an annular upright portion which is secured to the sloping portion b^3 by any suitable means, such as a flange b^7 , secured thereto. The upper edge of the portion b^6 is preferably bent around a stiffening-rod, as shown.

C is the clamping-ring, the upper edge c of which is doubled back on itself, and the lower edge c' is bent around a stiffening-rod.

D is the straining-cloth, which is clamped between the upright portion b^6 and the clamping-ring C. This cloth may be of any suitable material and may be of one or more thicknesses, as desired.

It will now be seen that by placing the strainer on the top of a milk-can the milk may be poured through the cloth, thereby thoroughly straining the milk in a very convenient manner, and, further, the cloth may be removed from the strainer and washed with great ease, whereas the ordinary wire strainers generally used at present are more difficult to thoroughly wash and do not strain the milk as satisfactorily as a strainer such as I have described.

Another advantage of this strainer is that the milk does not splash as it is poured through the cloth.

The object of the inwardly and downwardly sloping flange b^3 is to impart a stiffness and rigidity to the construction in order to make it more durable.

What I claim as my invention is—

1. In a device of the class described the combination of a vertical ring or band, an inwardly and downwardly sloping portion secured thereto, an upwardly-extending portion secured to the inwardly-sloping portion, a clamping-ring, and a cloth strainer adapted to be clamped between the inside of said clamping-ring and the outside of said upwardly-extending portion and to completely cover the upper opening of the milk-can as and for the purpose specified.

2. In a device of the class described in combination a vertical ring or band having a horizontal flange formed around its upper edge, an inwardly and downwardly sloping portion having its upper edge bent around said down-

wardly-extending flange and having a groove
formed in its upper portion to receive the up-
per edge of the milk-can, an upwardly-ex-
tending portion secured to said inwardly and
5 downwardly sloping portion and having the
upper edge thereof bent around a stiffening-
rod, a clamping-ring having the lower edge
thereof bent around a stiffening-rod and a
straining-cloth adapted to extend completely
10 over the upper portion of the can and having

its edges clamped between said clamping-ring
and said upwardly-extending portion as and
for the purpose specified.

Signed at the village of Vaukleeck Hill this
28th day of September, 1903.

JAMES HENRY BLANEY.

Witnesses:

FREDERICK WILLIAM THISTLETHWAITE,
PETER SYLVESTER PAQUETTE.