

No. 789,823.

PATENTED MAY 16, 1905.

J. W. THOMA.
PAIL HOLDER.

APPLICATION FILED JULY 25, 1904.

Fig. 1.

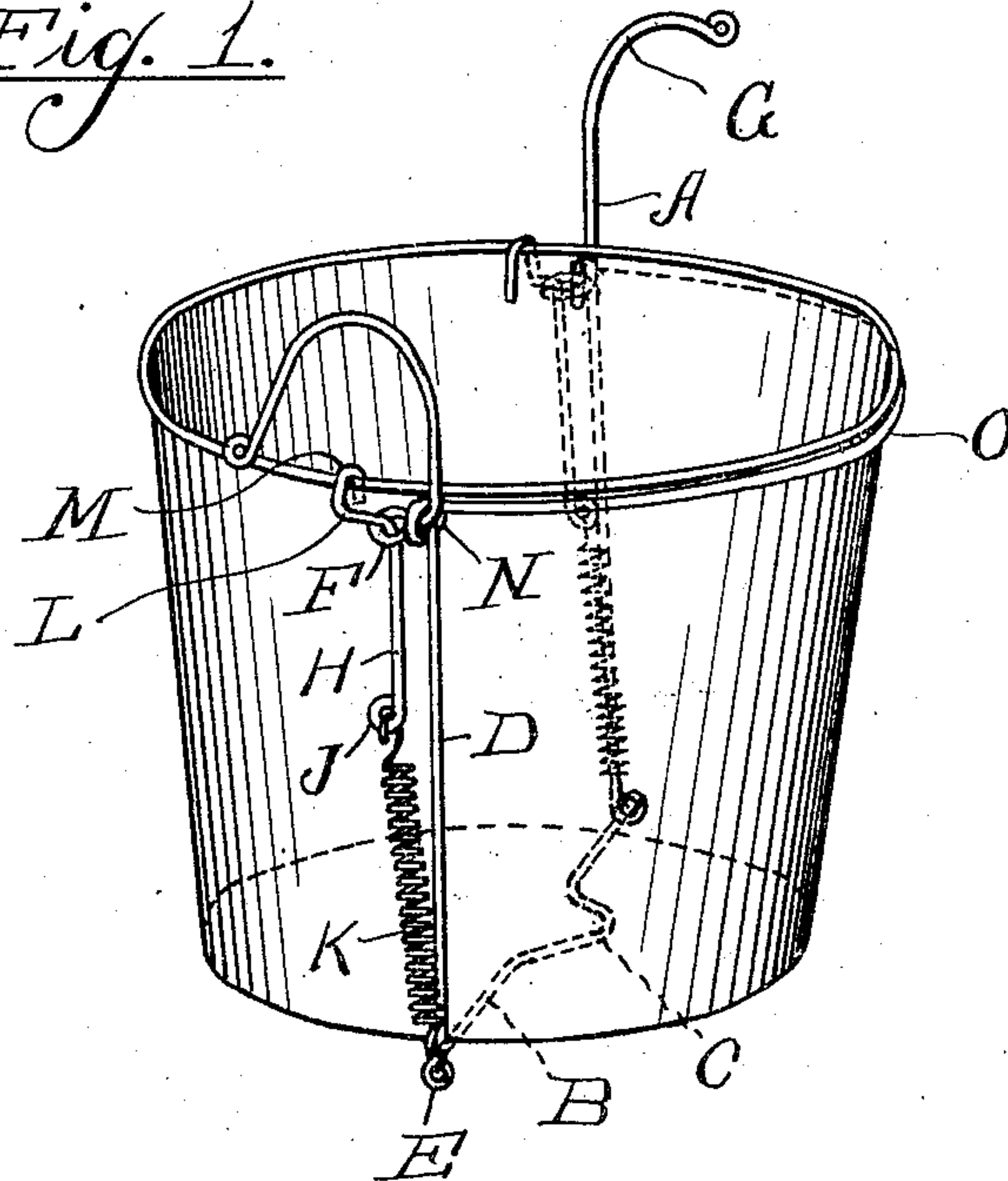
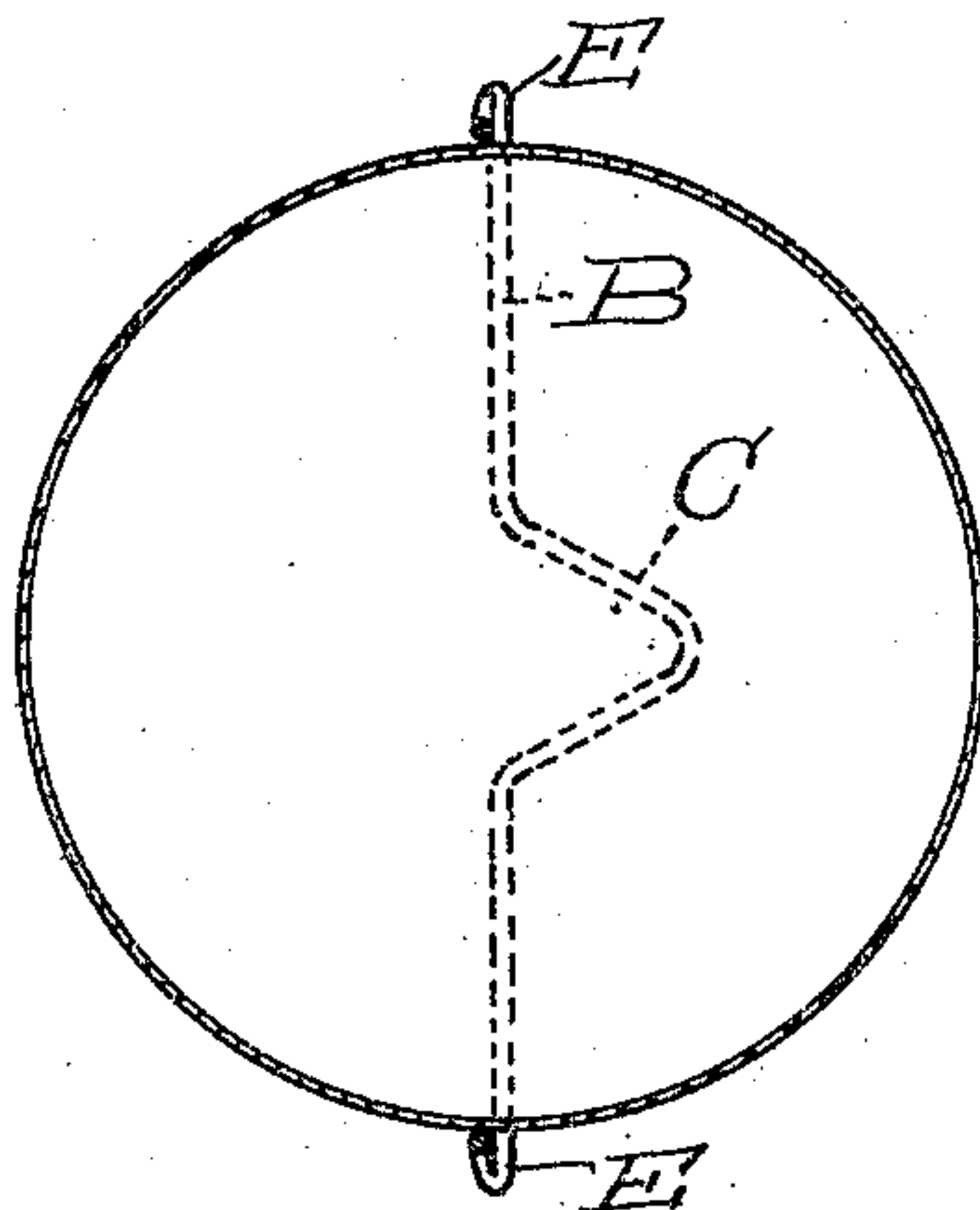


Fig. 2.



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UNITED STATES PATENT OFFICE.

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PAIL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 789,823, dated May 16, 1905.

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To all whom it may concern:

Be it known that I, JOHN W. THOMA, a citizen of the United States, residing at Avalon, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Pail - Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a novel construction in a pail-holder, and is particularly designed for supporting milk-pails on the knees in proper relative position for milking, the object being to provide a simple, cheap, and efficient device of this character; and it consists in the features of construction and combinations of parts hereinafter fully described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a perspective view showing a pail supported in accordance with my invention. Fig. 2 is a plan section through the extreme lower end of the pail and the holder therefor.

My said device is preferably made of wire, and comprises a substantially U-shaped frame A, consisting of a base portion B, provided between its ends with a V-shaped projection C, and from the ends of which the arms D extend upwardly, the latter being disposed at diametrically opposite sides of the pail. Loops E are disposed at the ends of the member B and the lower ends of the arms D, and the latter are provided between their ends at a point adjacent the upper end of the pail with loops F, the free ends of said arms D being bent outwardly to form hooks G, adapted to pass over the thighs of the operator. Passing through said loops F are rods H, provided in their lower ends with loops J, in which the upper ends of a spiral tension-spring K are secured, the lower ends of said spring K being secured in the loops E. The upper ends of said rods H are turned to one side, as at L, and the free ends of said turned portion are bent upwardly and then downwardly to

form hooks M, which are adapted to engage the upper edge of the pail. Secured at its ends to the loops F and embracing same by means of loops N at its ends is a wire O of semicircular form, which is adapted to embrace the upper end portion of the pail and hold same in proper relative position in said frame A. The said rods H serve to hold the pail firmly in position and render such frame adjustable to fit various sizes of pails, said frame being adjustable in width by extending or contracting the V-shaped loops C in the member B.

In operation the pail is held between the thighs, with the wire O extending outwardly and the hooks G passing over the thighs of the operator immediately above the knees.

My said device is very simple and efficient and very cheap to manufacture.

I claim as my invention—

1. A pail-holder comprising a U-shaped frame adapted to receive the pail and having a laterally-adjustable base, adapted to receive the bottom of the pail, the free ends of the arms thereof being flared outwardly and forming hooks adapted to engage the thighs, said arms being provided between their ends with guides, rods vertically movable in said guides and provided at their upper ends with hooks adapted to receive and engage the upper edge of the pail, and spiral tension-springs interposed between the lower ends of said rods and the lower ends of the said arms to normally hold said rods at the lower limits of their movement.

2. A pail-holder comprising a U-shaped frame adapted to receive the pail and having a laterally-adjustable base, adapted to receive the bottom of the pail, the free ends of the arms thereof being flared outwardly and forming hooks adapted to engage the thighs, said arms being provided between their ends with guides, rods vertically movable in said guides and provided at their upper ends with hooks adapted to receive and engage the upper edge of the pail, spiral tension-springs interposed between the lower ends of said rods and the lower ends of the said arms to nor-

mally hold said rods at the lower limits of
their movement, and a horizontally-disposed
substantially semicircular member secured
at its end to said arms between their ends
5 and embracing the pail adjacent its upper
end, substantially as and for the purpose de-
scribed.

In testimony whereof I have signed my
name in presence of two subscribing wit-
nesses.

JOHN W. THOMA.

Witnesses:

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