

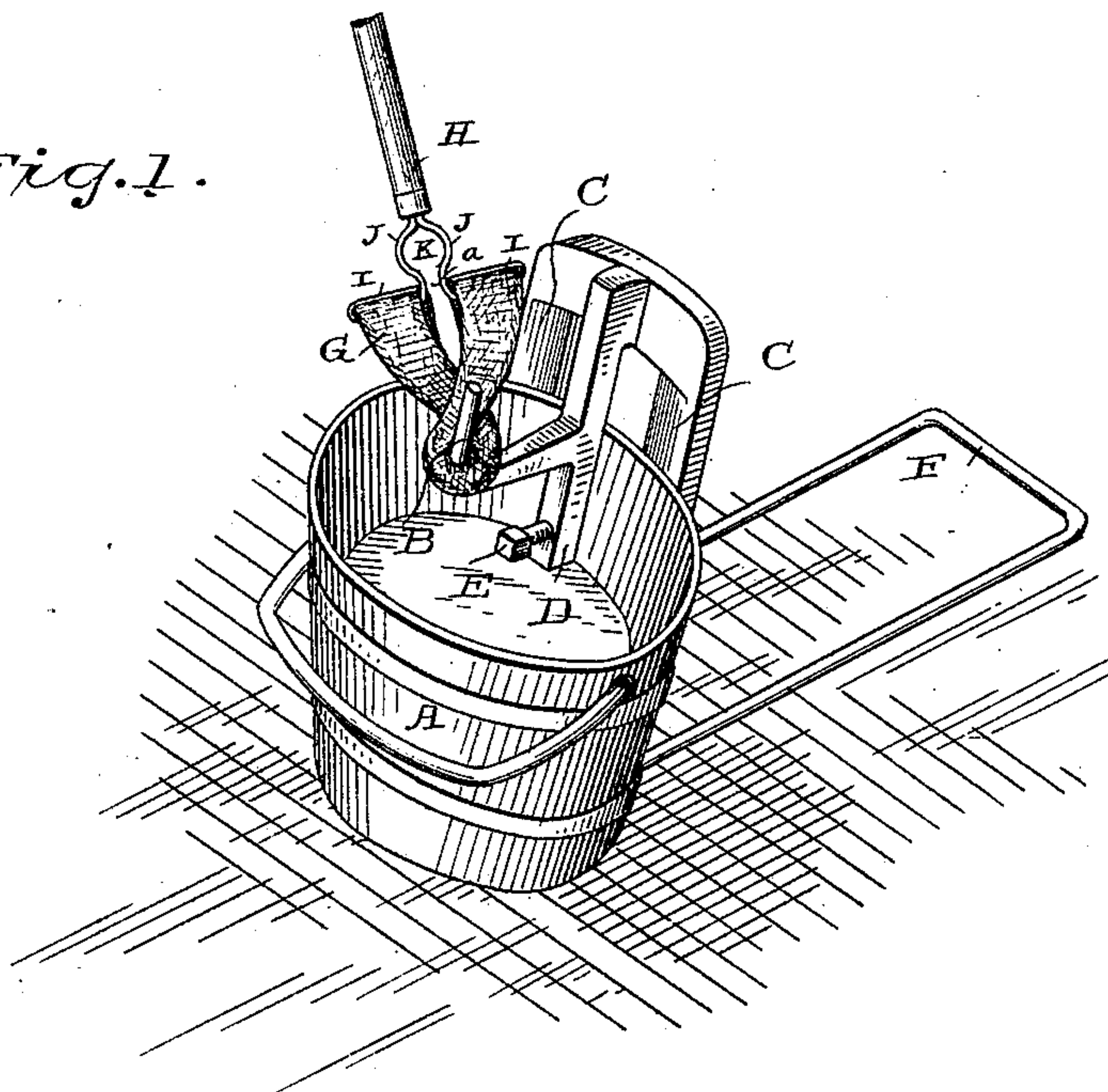
(No Model.)

M. H. PIERCE.  
MOP HOLDER.

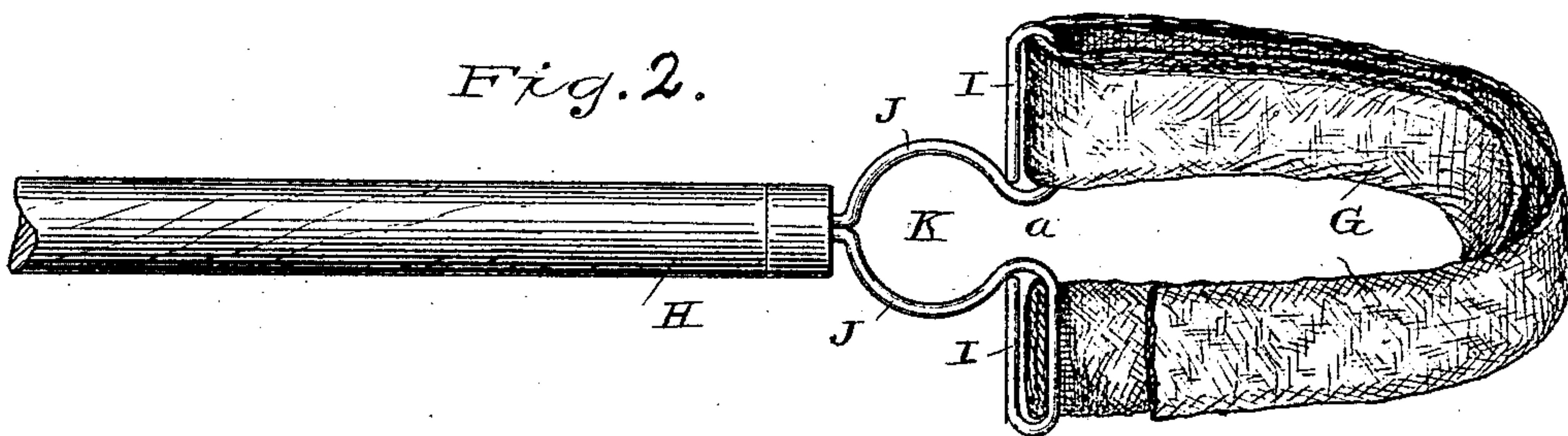
No. 420,466.

Patented Feb. 4, 1890.

*Fig. 1.*



*Fig. 2.*



Witnesses

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*G. M. Copenhaver,*

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*by Arthur Brown*  
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# UNITED STATES PATENT OFFICE.

MARK H. PIERCE, OF WILMINGTON, DELAWARE.

## MOP-HOLDER.

SPECIFICATION forming part of Letters Patent No. 420,466, dated February 4, 1890.

Application filed April 16, 1888. Serial No. 270,721. (No model.)

*To all whom it may concern:*

Be it known that I, MARK H. PIERCE, of Wilmington, in the county of New Castle and State of Delaware, have invented certain new and useful Improvements in Mop-Holders, of which the following is a specification.

The present invention has for its object the production of an improved mop-holder especially designed for use with a wringer, whereby the mops may be thoroughly wrung without touching the same with the hands, and which shall be simple in construction and efficient in operation.

To these ends the invention consists in a peculiar construction of the mop-holder, by which it is especially adapted to co-operate with a bucket provided with a wringing attachment.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device, showing the manner of operation. Fig. 2 is a detail view of the mop-holder.

A is the bucket or other vessel, to which the wringing attachment with which the mop-holder co-operates is secured. The wringer attachment consists of a vertically-extending peg or pin B, which is located within the bucket and over which the mop is wrung. This pin is rigidly secured to a frame which is adjustably and removably attached to the bucket. This frame consists of downwardly-extending forks C C, which are located on the exterior of the bucket when the wringer is in use, and a tongue D, rigidly secured to said forks, and to which the pin B is secured, which is located within the bucket. The forks C and tongue D embrace one wall of the bucket when in place, being parallel therewith and with each other, and the frame is firmly attached to the bucket by a set-screw E, carried by the tongue D. The pin B extends horizontally from near the lower end of the tongue into the central part of the bucket, and then turns upward, as shown. The lower ends of the forks extend nearly or just to the floor, and to them are hinged a swinging bail F. This bail, when the wringer is in use, lies on the floor, and by placing the foot thereon the bucket is held from overturning or being moved while the mop is being wrung.

I make no claim to the wringing attachment just described, and it is shown and set forth only in order that the operation and purpose of the improved mop-holder may be clearly understood.

The mop-cloth G is secured to a holder on the end of a handle H. The holder, which is of stout inflexible wire, is composed of two loops I I, arranged in line with each other and perpendicular to the handle, each loop being the end of an outwardly-curved part J of the wire, which is permanently inserted in the end of the handle. The two curved parts J J curve in opposite directions, thus forming a large open eye K, which is closed at the handle end, but which is open at the space *a* between the adjacent ends of the loops I I. This space *a* is of a width slightly exceeding the diameter of the pin B. The mop-cloth is held at opposite ends by being passed through the loops I I, and when thus in place it constitutes a loop open to the eye K.

In using the mop with the wringer the mop-cloth is dipped into the water within the bucket, and the eye K is then passed over the upper end of the pin B. By then moving the mop-handle the pin B is passed over by the space *a*, so that the loop of the mop-cloth embraces the pin. By then turning the handle the mop-cloth is twisted around the pin, the surplus water therein being thus squeezed or wrung out. The eye K, being considerably larger than the pin B, is easily and readily passed thereover without trouble, and it is unnecessary to touch the mop-cloth to spread apart its loop in order to pass the same over the pin, as has hitherto been necessary.

I claim as my invention—

The mop-holder consisting of a handle, in combination with two separated holding-loops, each loop being connected to the handle by an outwardly-curving part, substantially as set forth, whereby an open eye is formed between said loops and the handle.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

MARK H. PIERCE.

Witnesses:

HENRY C. CONRAD,  
THOMAS GIFFIN.