(No Model.)

I. E. YOUNGBLOOD.

MOP.

No. 412,318. Patented Oct. 8, 1889.

Fig. 1

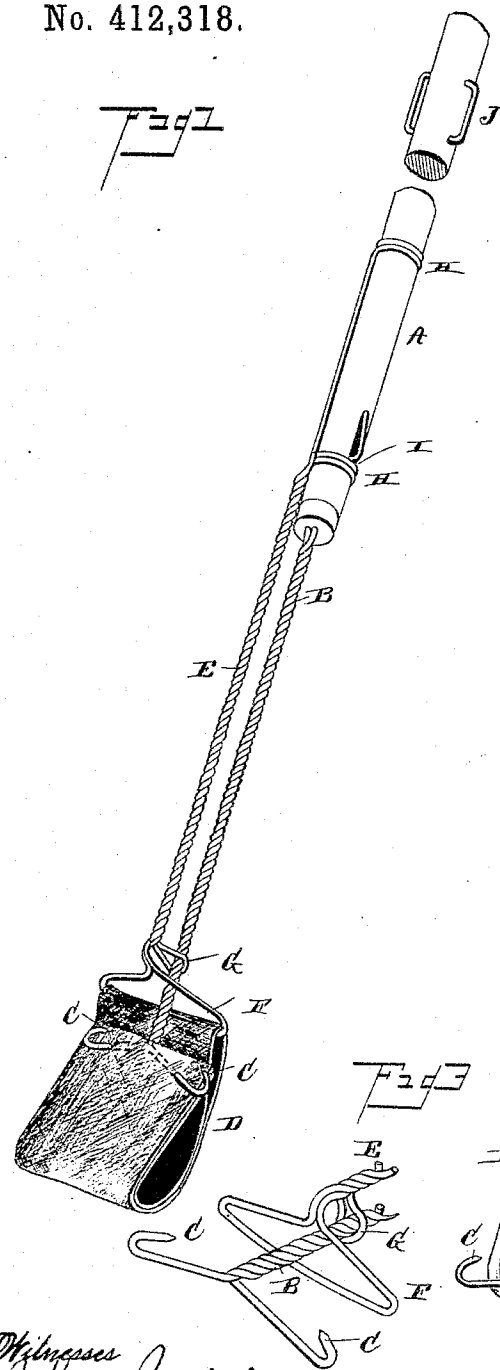


Fig. 2

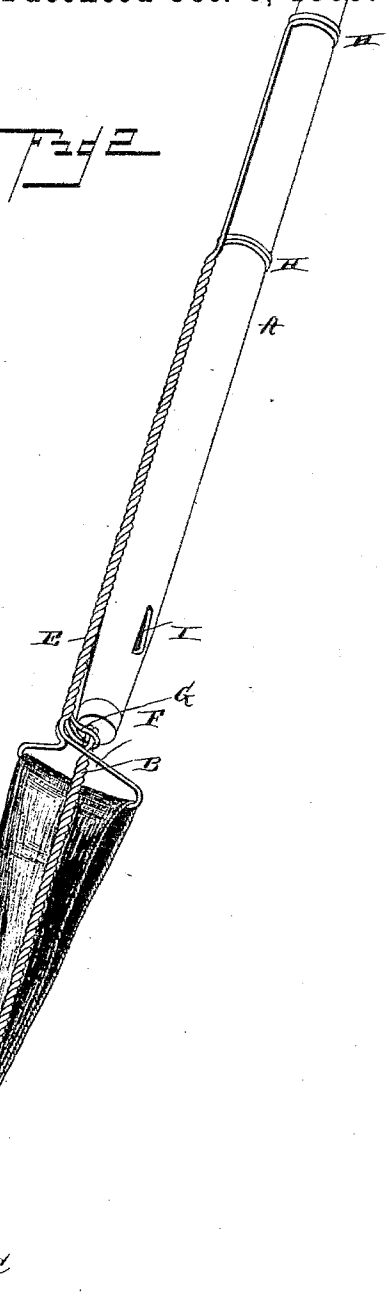


Fig. 3

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UNITED STATES PATENT OFFICE.

ISRAEL E. YOUNGBLOOD, OF MITCHELL, DAKOTA TERRITORY.

MOP.

SPECIFICATION forming part of Letters Patent No. 412,313, dated October 8, 1889.

Application filed April 3, 1889. Serial No. 305,860. (No model.)

To all whom it may concern:

Be it known that I, ISRAEL E. YOUNGBLOOD, a citizen of the United States, residing at Mitchell, in the county of Davison and Territory of Dakota, have invented a new and useful Mop, of which the following is a specification.

My invention relates to improvements in mops; and it consists in certain novel features hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view showing the mop arranged for use. Fig. 2 is a similar view showing the device adapted to wring the mop. Fig. 3 is a detail view of the holder with the mop or scrubbing-cloth removed.

In carrying out my invention I employ a handle A of suitable size and any proper material. In the end of this handle I secure the rod or stationary member B, which is composed, preferably, of wire twisted, as shown in the drawings, and having the hooks C at its end adapted to engage and secure the scrubbing-cloth D. Instead of constructing this stationary member of the holder of twisted wire, as shown, it may be constructed in any other suitable manner; but I prefer to construct it of the twisted wire, as I thereby secure great strength without increasing the weight of the device.

The sliding member E of the holder consists of a wire rod having a loop F at its outer end, through which the scrubbing-cloth is passed, and an eye G, which fits upon the stationary member B, and is provided at its inner end with the rings or loops H, encircling the handle A and sliding thereon. If so desired, the eye G of the sliding member may be made large enough to slide over the end of the handle.

The handle is provided near its lower or outer end with a spring-catch I, which is adapted to engage the ring H when the sliding member has been pushed outward, so as to hold it in the said projected position while the device is in use. The handle may be also provided, if so desired, near its upper end with the offsets J, so as to possess greater leverage when wringing the scrubbing-cloth.

In practice the scrubbing-cloth is passed through the loop F at the end of the sliding member, and its ends are secured by the hooks C at the end of the stationary member, as clearly shown. When the cloth is in use to mop up the floor, the sliding member is projected forward, as shown, and, as before stated, so as to cause the scrubbing-cloth to hang loosely, as will be readily understood. The device is then operated in the usual manner. When it is desired to wring the cloth after it has been used, the sliding member is drawn inward and the members are then rotated upon each other so as to twist the cloth, as shown in Fig. 2, and thereby expel the water therefrom.

From the foregoing description it will be seen that I have provided an extremely simple device, by the use of which any cloth may be used as a mop and which can be easily handled.

When the device is in use, the loop and hooks at the outer ends of the two members serve as a backing for the scrubbing-cloth, so that the operator is enabled to apply more pressure thereto. When one cloth has been worn out, it can be quickly removed and a new one quickly substituted, and, as the device is composed of wire, as shown and described, the operator is not subjected to severe jars by the device striking against the wall or other object.

The device may be held in any position while wringing the scrubbing-cloth, and, as the cloth is twisted and one end is secured to the stationary member, it will always be held in its place.

In forming the eye G and the inner ring H wire is employed, which is twisted over the member E, the central portion of the wire forming the eye G and its ends forming the inner ring H.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a mop, the combination of the handle, the stationary member secured thereto and provided at its end with hooks adapted to engage the scrubbing-cloth, and the sliding member moving on the handle and provided at its end with a loop to receive the scrubbing-cloth, and having an eye G near said loop encircling the stationary member, substantially as set forth.

2. In a mop, the combination of the handle,

the stationary member secured thereto and composed of twisted wire having its ends bent laterally and doubled on themselves to form hooks, and the sliding member moving on the handle and composed of twisted wire, the outer end of said sliding member being bent to form a loop adapted to engage the scrubbing-cloth, and an eye encircling the stationary member, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ISRAEL E. YOUNGBLOOD.

Witnesses:
A. U. MARVIN,
J. L. HANNETT.