

UNITED STATES PATENT OFFICE.

DAVID R. COTNER, OF BARDWELL, KENTUCKY.

CUP-HOLDER AND THE LIKE.

SPECIFICATION forming part of Letters Patent No. 460,465, dated September 29, 1891.

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To all whom it may concern:

Be it known that I, DAVID R. COTNER, a citizen of the United States, residing at Bardwell, in the county of Carlisle and State of Kentucky, have invented certain new and useful Improvements in Holders for Cups and the Like, of which the following is a specification.

This invention relates to holders or handles for cups, broken goblets, cocoanut-shells, &c.; and the object of the invention is to provide a holder of this character which may be readily attached to a cup or similar article for the purpose of using the same as a dipper or ladle for any desired purpose, which will securely and firmly retain the article therein, which is adapted for use in connection with cups or other articles of different sizes, and which will, furthermore, possess advantages in point of simplicity, inexpensiveness, durability, and general efficiency.

In the drawings, Figure 1 is a perspective view of my improved holder attached to a cup. Fig. 2 is a longitudinal sectional view. Fig. 3 is a detail perspective view of the spring-arm. Fig. 4 is a detail sectional view.

Corresponding parts in the figures are denoted by the same letters of reference.

Referring to the drawings, A designates a straight rigid arm, preferably formed of cast metal. This arm is preferably semicircular in cross-section and provided at one end with a socket *a*, within which is secured a handle B, the end *b* of the latter being reduced to fit the socket. At the outer end of the arm is provided an upward extension or projection C, formed with a recess *c* at right angles to the arm, said recess being adapted to engage the edge of the cup or other article when secured in the holder.

The arm A is formed near its inner end, upon its flat underside, with oppositely-disposed lugs D D, by which a spring-arm E is secured thereto. The spring-arm is preferably formed of a piece of steel or other spring-wire, bent at its central portion into approximately circular shape, as shown at *e*, said portion being located in advance of the projection C and approximately parallel with the arm A. From the circular portion *e* the end portions *e'* *e'* are bent upwardly and on a rearward incline, as

shown at *e*², from which portion they are bent rearwardly and on an upward incline, as at *e*³. The extreme ends *e*⁴ *e*⁴ are disposed between the lugs D D, which are bent down upon and secure said ends. The spring-arm is adjustable to or from the rigid arm by a ring F, which embraces said arms and is slid thereon, respectively, outwardly and inwardly to accomplish the desired adjustment.

The operation and advantages of my invention will be readily understood by those skilled in the art to which it appertains. To secure a cup or other article within the holder, its lower end is placed upon the circular portion of the spring-arm and projects partially there-through. The recess in the projection C is then caused to engage the upper edge of the cup by the outward adjustment of the sliding ring, which draws the spring-arm toward the rigid arm, thus securing the cup or other article tightly within the holder.

It will be obvious that a holder constructed in accordance with my invention can be readily attached to cups of different sizes, cocoanut-shells, broken goblets, or other similar articles, and forms in connection therewith a ladle adapted for various purposes.

I claim as my invention—

1. In a holder for cups or other similar articles, the combination of a supporting-arm having a loop or eye, an arm provided with a hook or recess, and a sliding ring fitted on the arms to compress or force them toward each other, one of said arms being a spring-arm, substantially as set forth.

2. A holder for cups or other similar articles, comprising a rigid arm provided at its outer end with a recess, an outwardly-divergent spring-arm provided with an outer retaining portion for holding the cup or other article, a slide-ring encircling said arms and adapted to adjust the spring-arm, and a handle, substantially as set forth.

3. In a holder for cups or other similar articles, a supporting-arm having an expansible loop or annulus for receiving the object to be held, in combination with an arm having a hook or recess, and a sliding ring fitted around said arms and adapted to compress the loop laterally upon the object and force the hook over the edge of the same, one of said arms

being a spring-arm, substantially as set forth.

4. A holder for cups or other similar articles, comprising a rigid arm provided at its outer end with a recess, a spring-arm rigidly secured at its inner portion and provided at its outer portion with an opening adapted to receive the lower end of a cup or other article and adjusted to the size thereof, an adjustable slide-ring embracing said arms, and a handle, substantially as set forth.

5. In a holder for cups or other similar articles, the combination, with a rigid arm provided at its outer end with a recess and near its other end with oppositely-disposed lugs, of a spring-arm secured at its ends between said lugs and provided with an outer retaining portion adapted to secure the cup or other arti-

cle, and a slide-ring embracing said arms, substantially as and for the purpose set forth.

6. As an improved article of manufacture, the herein-described holder for cups and the like, comprising a rigid arm provided with a handle, said arm having a recess at its outer end and lugs near its inner end, a spring-arm secured to said rigid arm by the lugs and having a circular portion, as at *e*, and a slide-ring for adjusting said spring-arm, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

DAVID R. COTNER.

Witnesses:

A. J. TURNEY,
JOHN H. EVANES.