

No. 894,725.

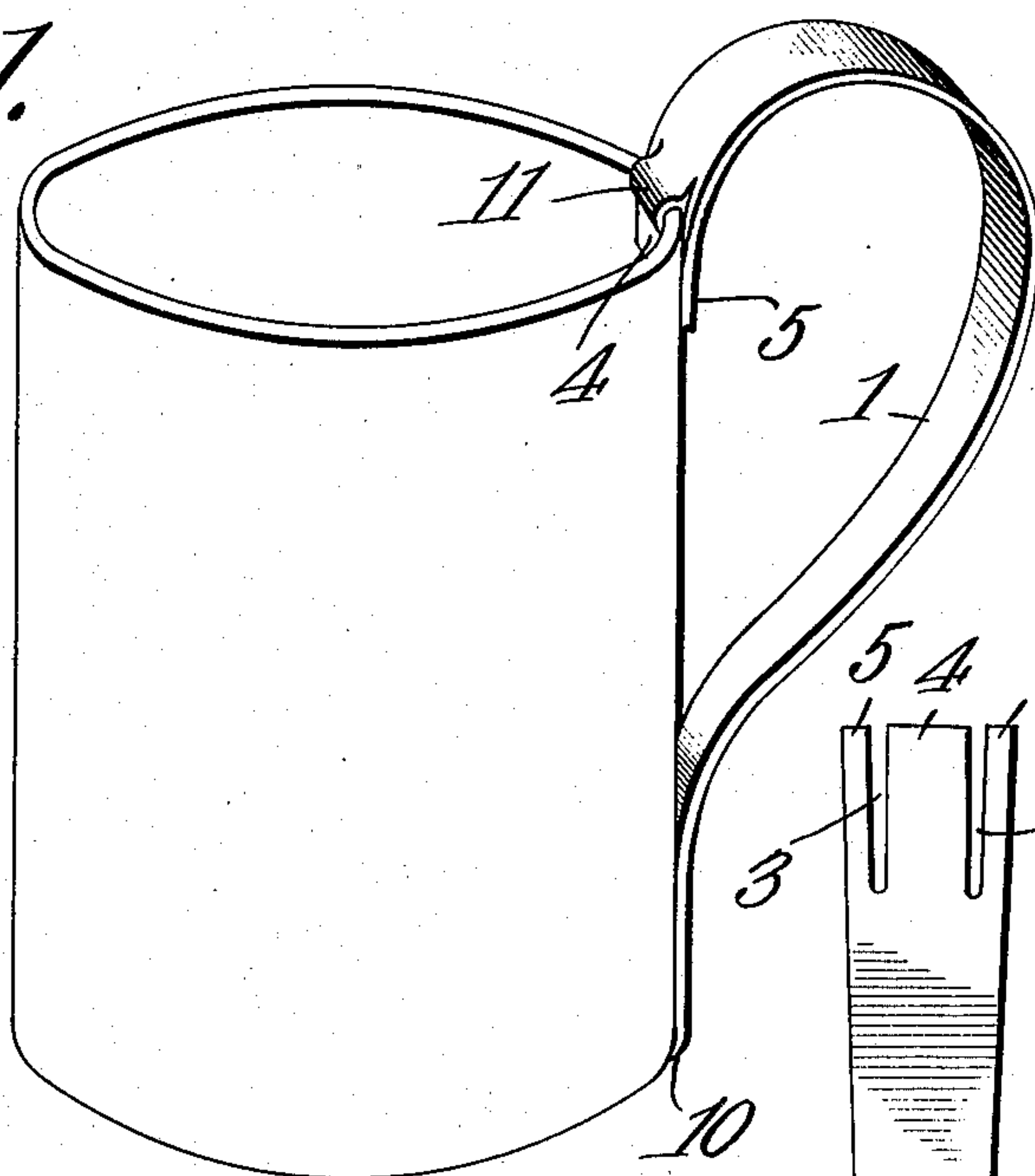
PATENTED JULY 28, 1908.

A. N. COOPER.

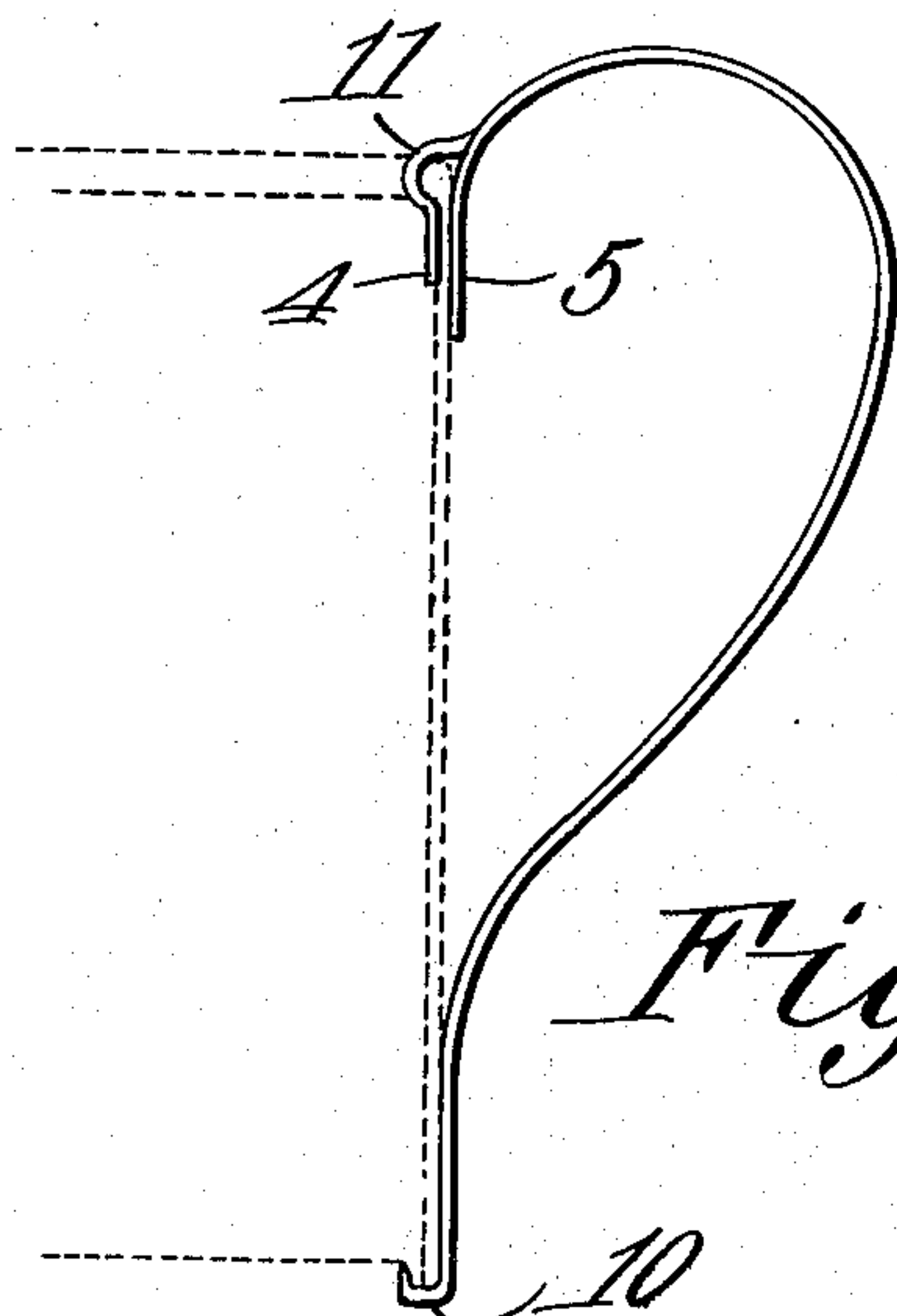
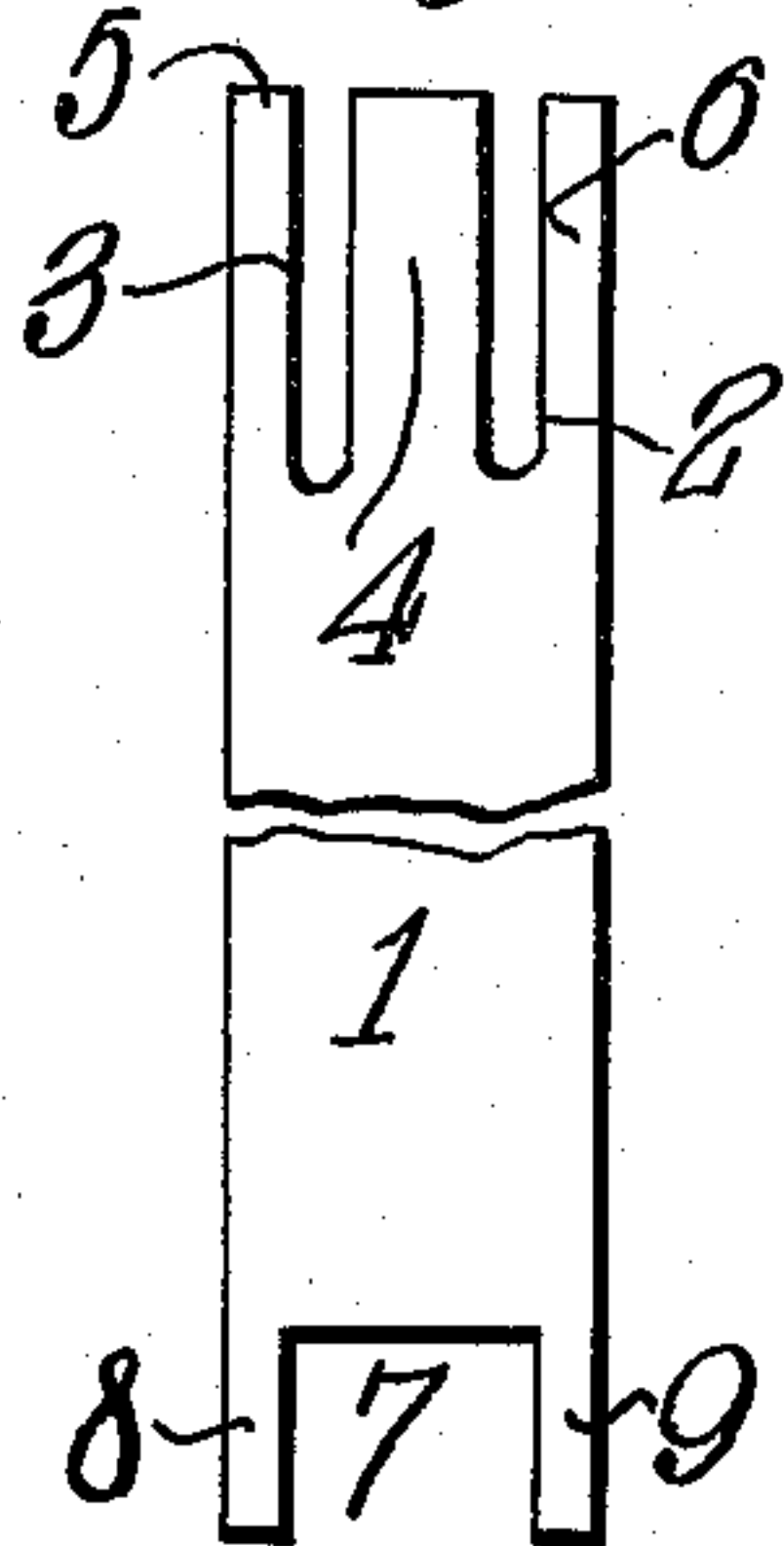
CUP HANDLE.

APPLICATION FILED FEB. 28, 1907.

*Fig. 1.*

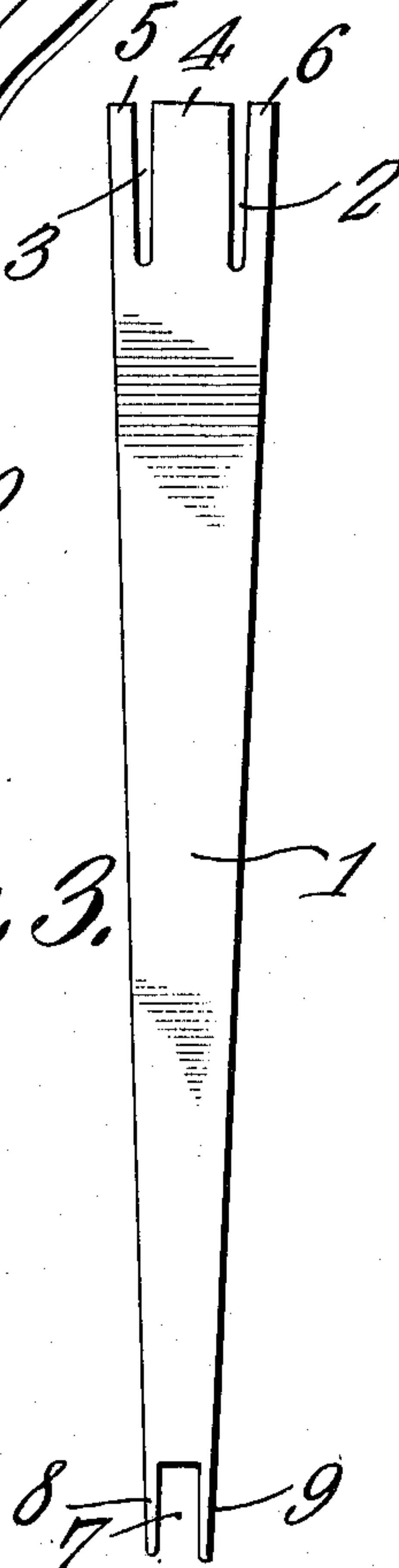


*Fig. 4.*



*Fig. 2.*

*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ALBERT N. COOPER, OF DARBY, MONTANA.

## CUP-HANDLE.

No. 894,725.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed February 28, 1907. Serial No. 359,782.

*To all whom it may concern:*

Be it known that I, ALBERT N. COOPER, a citizen of the United States, residing at Darby, in the county of Ravalli and State of Montana, have invented a new and useful Cup-Handle, of which the following is a specification.

This invention relates to handles which may be attached to and detached from vessels of various kinds without handles, such as certain kinds of metal cups or measures, cups which have lost their handles, and empty vegetable or fruit cans, which, after cleansing, may readily be converted into vessels by the use of this device.

The object of the invention, therefore, is to produce simple, cheap and easily attached handles for vessels, which may be applied by any person without mechanical skill, and which will retain connection to the vessel through all vicissitudes of use and abuse which a vessel of this character is liable to encounter. This handle, though firmly retaining its connection to a cup or other vessel, can be as readily detached therefrom, and with as little mechanical knowledge as was required to secure it to the vessel in the first place.

Referring to the drawings, Figure 1 is a perspective view of a vessel with the improved handle attached. Fig. 2 is an edge view of the handle. Fig. 3 is a view of the blank from which the handle is formed. Fig. 4 is a view of a handle blank with parallel edges instead of tapering edges shown in the preferred form.

Similar numerals of reference indicate the same parts in all of the several figures.

In the manufacture of handles after this invention, a strip of metal, preferably sheet steel, of suitable length and required thickness and preferably narrower at one end than at the other, has its ends fashioned into tongues, as clearly shown in Fig. 3. If preferred, this strip may have parallel sides instead of the tapered ones represented in the drawing. The wider end of the blank is slotted or cut back from the end a sufficient distance, as at 2—3 to form three projections or tongues 4, 5 and 6, the central tongue 4 being wider than the side tongues 5 and 6. The other or narrower end has but one slot or indentation 7, forming thereby two tongues

8 and 9, each preferably narrower than the slot.

The blank thus formed is bent into the curved shape represented in Fig. 2, or any other form desired. The tongues 8 and 9 on the narrow end of the blank which forms the lower end of the handle, are bent as shown, to form a hook 10, which extends under the flange or bead on the bottom of the vessel. The middle tongue 4 at the opposite or upper end of the blank is first bent into a loop 11 to engage the bead on the upper end of the vessel, and then downwardly to press against the inner wall of the same. The other tongues 5 and 6 rest firmly against the outer side. The handle thus constructed is ready for use. It is to be understood, however, that the shape given it is such that the upper and lower ends approach each other when detached from the vessel more than when placed thereon, the object of this being to hold the handle on the vessel by a spring pressure.

Handles of this character may be readily punched, stamped or cut from sheet metal without appreciable waste. In fact, the only waste need be the metal taken from the slots 2, 3 and 7.

Having thus described the invention, what is claimed is:—

A detachable handle made from a strip of sheet metal indented at one end by two notches to form a central finger and a narrower one on each side, a single central notch made in the other end to produce a longitudinal finger on each side of said notch which latter fingers are bent to form two parallel hooks, the body of said strip being curved into the shape of a handle with the end thereof having the three fingers at the top, the narrow side fingers projecting downwardly continuous with the curve of the handle, and the central broader finger bent forward into a horizontal loop and then extended downward out of line with but parallel to the narrow fingers.

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

ALBERT N. COOPER.

Witnesses:

A. B. ERWAY,  
W. S. GARRISON.