

(No Model.)

M. C. STONE.  
ARTIFICIAL STRAW.

No. 585,058.

Patented June 22, 1897.

*Fig. 1.*

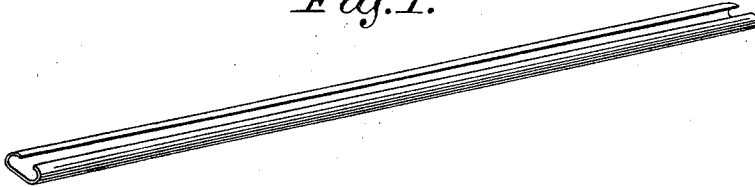


*Fig. 2.*



*Fig. 3.*

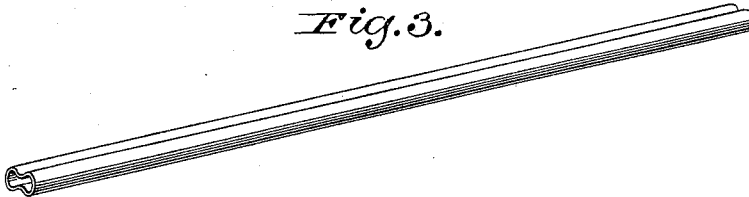
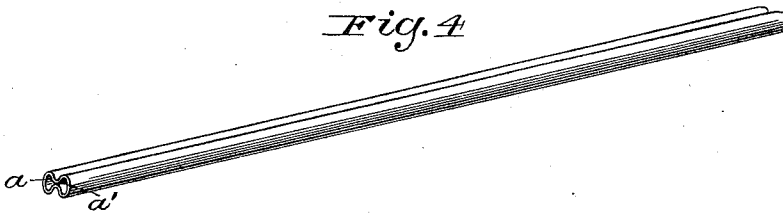


*Fig. 4*



WITNESSES:

*Arthur Ashley*  
*J. J. Elmore*

INVENTOR

*M. C. Stone*

BY

*P. T. Hodge*

ATTORNEY.

# UNITED STATES PATENT OFFICE.

MARVIN C. STONE, OF WASHINGTON, DISTRICT OF COLUMBIA.

## ARTIFICIAL STRAW.

SPECIFICATION forming part of Letters Patent No. 585,058, dated June 22, 1897.

Application filed February 6, 1896. Serial No. 578,240. (Specimens.)

*To all whom it may concern:*

Be it known that I, MARVIN C. STONE, of Washington, in the District of Columbia, have invented a new and useful Improvement in Artificial Straws, of which the following is a specification.

This invention has reference to a double paper tube of peculiar construction designed to be used for imbibing liquid beverages in a manner similar to the natural straw now commonly used for this purpose.

The double tube forming the subject of the present invention is made from paper or analogous material, which is first bent longitudinally or otherwise to form a single tube, which tube is collapsed at opposite sides in two longitudinal lines and the collapsed portions forced inward toward each other, thereby dividing the tube into two smaller tubes extending side by side.

In the accompanying drawings, Figure 1 represents a blank from which my improved double tube is formed. Fig. 2 is a perspective sectional view of the single tube formed by the first operation. Fig. 3 is a sectional perspective view of the single tube partially collapsed. Fig. 4 is a sectional perspective view of the double tube after the collapsing operation is completed.

Referring to the drawings, in carrying my invention into effect I first provide a blank consisting of a strip of paper or other suitable material, as shown in Fig. 1, and by any suit-

able operation I form this blank into a tube, as shown in Fig. 2. The tube is next collapsed or creased at opposite sides in longitudinal lines, as shown in Fig. 3, and the collapsing or creasing being continued until the opposite sides of the tube meet it divides the tube into two smaller tubes *a a'*, as shown in Fig. 4, which tubes extend side by side. I propose to secure the inwardly-bent portions of the tube together in any suitable manner, so as to preserve the form of the double tube. This may be accomplished by means of a cement, or it may be accomplished by subjecting the paper before, during, or after the bending operation to a bath of paraffin or other suitable waterproofing material.

Having thus described my invention, what I claim is—

As a new article of manufacture, an artificial double straw made in imitation of a natural straw and consisting of a paper tube collapsed at its opposite sides to form two tubes and a waterproofing coating applied thereto and serving to secure the bent sides of the tube together and preserve its tubular form.

In testimony whereof I hereunto set my hand, this 4th day of February, 1896, in the presence of two attesting witnesses.

MARVIN C. STONE.

Witnesses:

CHARLES E. RIORDON,  
WILLIAM B. CROWELL.