

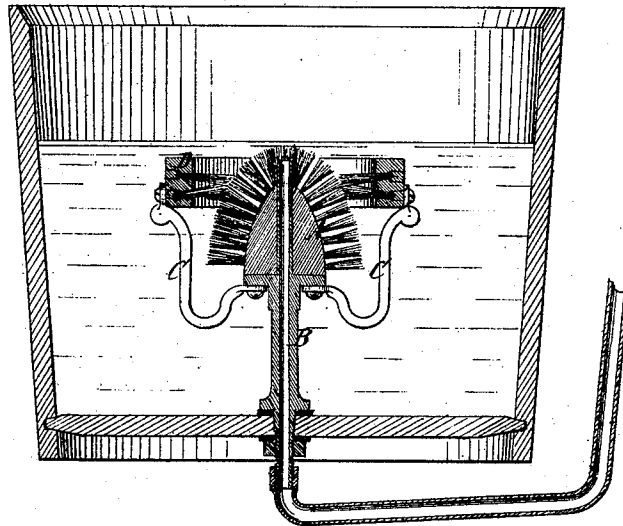
*A. Fischer,*

*Tumbler Master.*

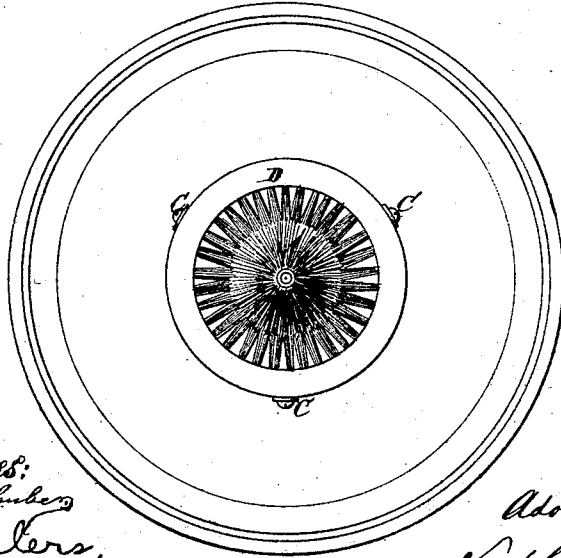
*No. 106,476.*

*Patented Aug. 16. 1870.*

*Fig. 1.*



*Fig. 2.*



*Witnesses:*  
*C. F. Kastenhuber*  
*G. Mahlers.*

*Inventor:*  
*Adolph Fischer*  
*per*  
*Van Santvoord & Haupt*  
*Attys*

# United States Patent Office.

ADOLPH FISCHER, OF NEW YORK, N. Y.

Letters Patent No. 106,476, dated August 16, 1870.

## IMPROVEMENT IN BRUSH FOR CLEANING TUMBLERS.

The Schedule referred to in these Letters Patent and making part of the same

*To all whom it may concern:*

Be it known that I, ADOLPH FISCHER, of the city, county, and State of New York, have invented a new and improved Brush for Cleaning Tumblers; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a vertical central section of this invention.

Figure 2 is a plan or top view of the same.

Similar letters indicate corresponding parts.

This invention relates to a brush, which is firmly secured to the bottom of a basin, pail, or other vessel, and which is supplied with water either from the outside, by filling the vessel, or through the interior of its stem, by connecting the same with a hydrant, in such a manner that, by pushing the tumbler or other vessel to be cleaned down over the brush, the inside of said tumbler or other vessel is cleaned with ease and convenience. With this internal brush is combined an annular brush for the purpose of cleaning the outside of the tumbler or other vessel simultaneously with its inside.

In the drawing—

The letter A designates a brush, which is secured to a stem, B, and fastened by means of said stem in the bottom of a basin, pail, or other vessel. The brush A may be made in any desirable form or shape best suited to the interior of the tumblers or other vessels to be cleaned, and it is supplied with water,

either by pouring a sufficient quantity of water in the basin to submerge the brush, or the stem of the brush may be made hollow, and connected to a hydrant, so that the water flows up through the same and through the brush.

From the stem B of the brush A extends a series of arms, C, which supports the annular brush D, which is provided with bristles radiating toward the center of the brush A, and so situated that their points come in close contact with the points of the bristles of the central brush A.

The tumbler or other vessel to be cleaned, on being pressed down over the central brush, is brought in contact on the inside with the bristles of the central brush, and on the outside with the bristles of the annular brush, and it is thereby rapidly and conveniently cleaned.

What I claim as new, and desire to secure by Letters Patent, is—

1. The stationary brush A, supported by a hollow stem, rising from the bottom of the vessel, substantially as and for the purpose described.

2. The annular brush D and central brush, both stationary, when combined and arranged for use, substantially as described.

This specification signed by me this 30th day of June, 1870.

ADOLPH FISCHER.

Witnesses:

W. HAUFF,  
E. F. KASTENHUBER.