No. 703,093. Patented June 24, 1902.

A. STEIERT.

BRUSH.

(Application filed Aug. 29, 1901.)

(No Model.)

Fig. 3.

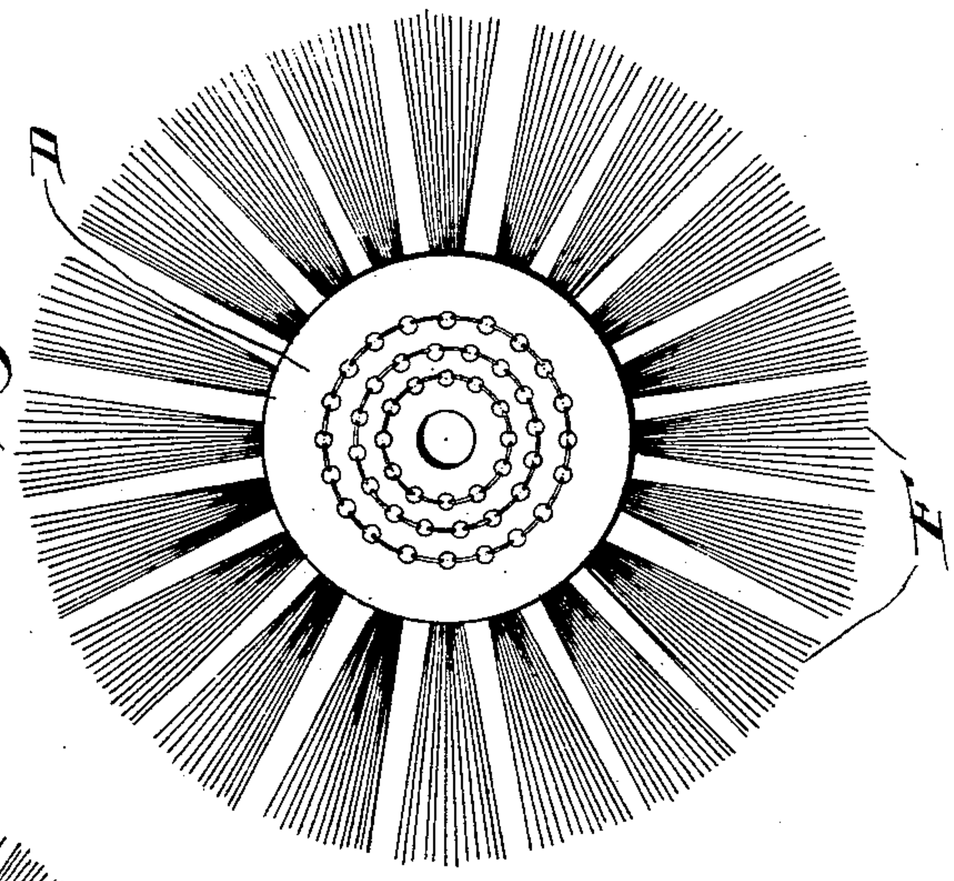


Fig. 2.

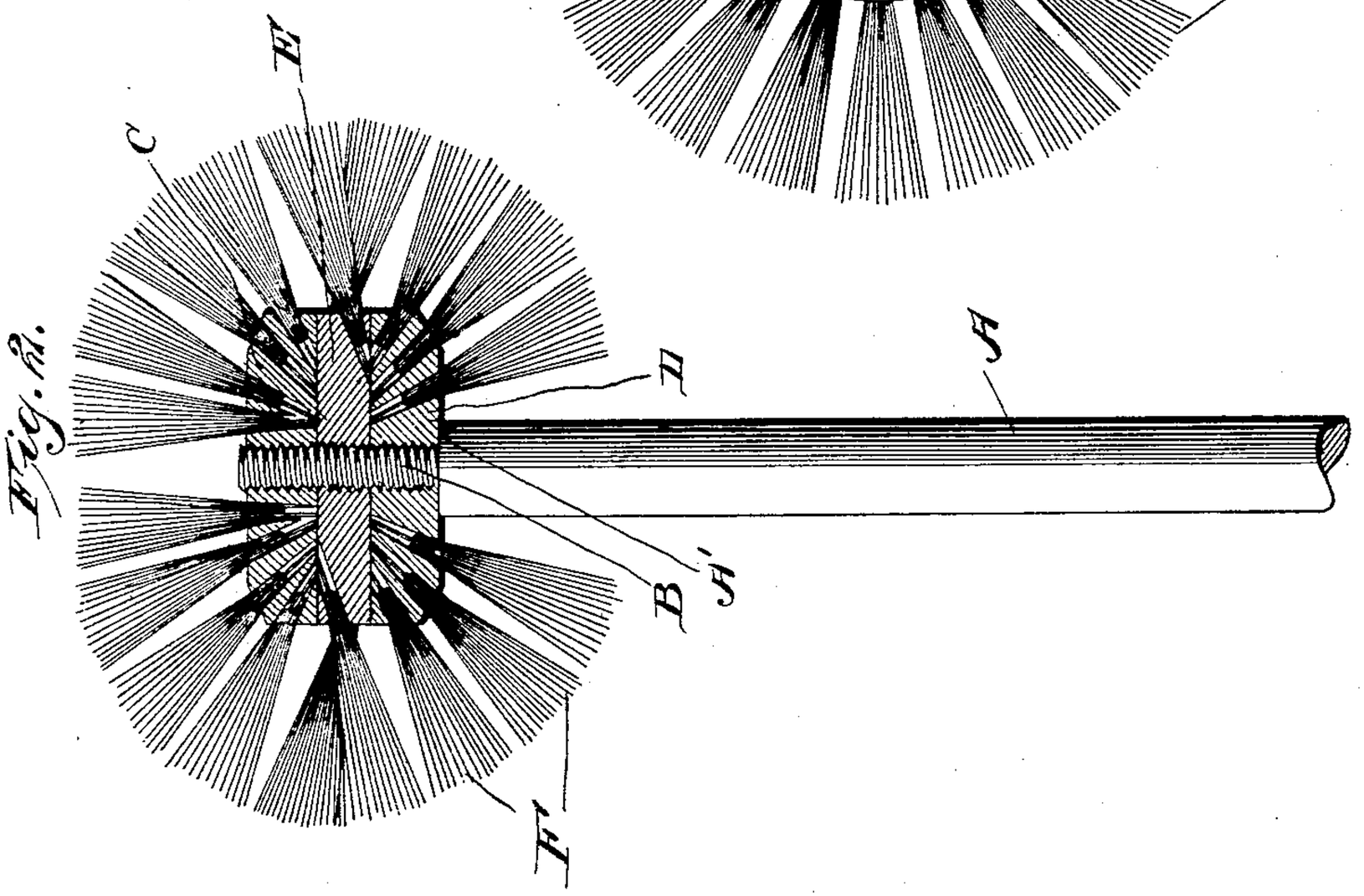
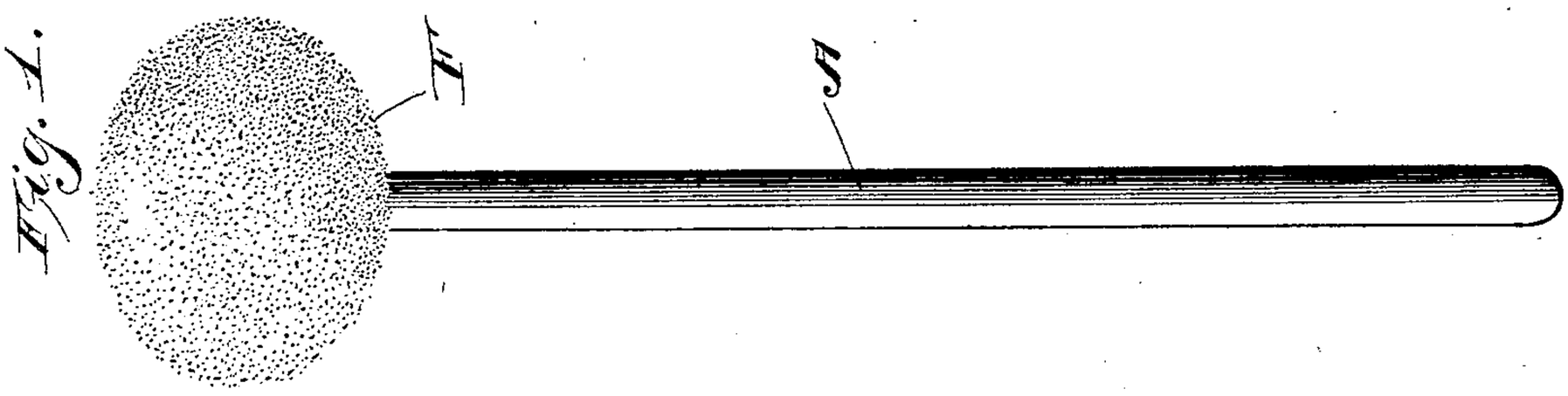


Fig. 1.



Witnesses:
Louis D. Heinrichs
L. H. Morrison

Inventor
Alois Steiert
by W. Preston Williamson
Atty

UNITED STATES PATENT OFFICE.

ALOIS STEIERT, OF PHILADELPHIA, PENNSYLVANIA.

BRUSH.

SPECIFICATION forming part of Letters Patent No. 703,093, dated June 24, 1902.

Application filed August 29, 1901. Serial No. 73,752. (No model.)

To all whom it may concern:

Be it known that I, ALOIS STEIERT, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in Brushes, of which the following is a specification.

My invention relates to a new and useful improvement in brushes, and has for its object to provide a brush in which the bristles will be formed in spherical shape and the brush is to be used in cleaning cylindrical objects more particularly used in washing milk-cans.

With this end in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of the brush secured to the handle; Fig. 2, a cross-sectional view through the brush, and Fig. 3 a rear view of one of the members composing the brush.

A represents the handle, which has formed on one end the screw-threaded portion B.

C, D, and E are disks in which the bristles F are adapted to be secured and held. The disk D is adapted to be threaded upon the screw-threaded portion B first, so as to come up against the shoulder A′, then the disk E is threaded upon the screw-threaded portion into tight contact with the disk D, and then the disk C is threaded upon the screw-threaded portion last of all into tight contact with the disk E. The bristles F are so arranged in the three disks that when these disks are assembled in the order just mentioned the bristles will assume a spherical shape, so as to resemble a ball upon the end of the handle A.

This brush can be used to great advantage in washing out cylindrical objects, particularly milk-cans, the bristles being pliable enough to allow the brush to be forced through the neck of the can, and then the can can be washed at the bottom, upon the walls, and underneath the shoulder of the can, because the brush will present bristles to the surfaces in any position it may be held or placed.

Another advantage of my brush is that it may be made comparatively cheap and may be put together and taken apart very quickly.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

A brush composed of three disks, screw-threaded holes formed through the center of said disk, a handle, a screw-threaded portion formed upon the end of the handle upon which the disks are adapted to be threaded, bristles adapted to be carried by each of said disks, the bristles of the outside disks adapted to project outward from the periphery of said disks and the outer face of the same, the bristles of the middle disk adapted to project only out of the periphery of the same so that said bristles arranged in all three of the disks, when said disks are assembled, will form a spherical-shaped brush, substantially as and for the purpose specified.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

ALOIS STEIERT.

Witnesses:
H. B. HALLOCH,
L. W. MORRISON.