

No. 846,614.

PATENTED MAR. 12, 1907.

B. H. PUGH.
VEHICLE CLEANING DEVICE.
APPLICATION FILED MAR. 24, 1906.

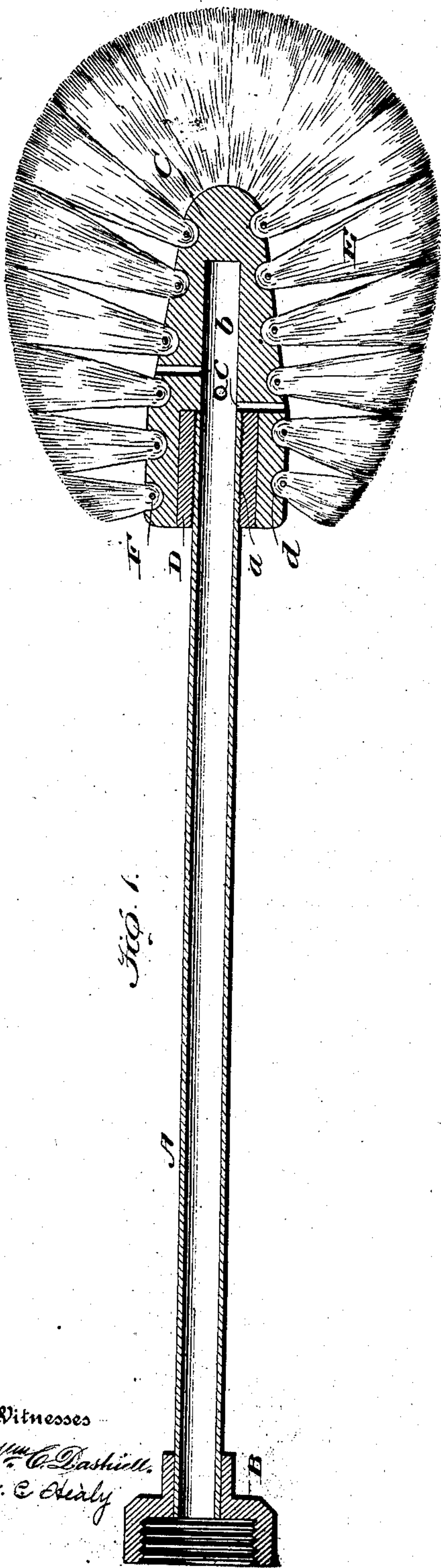
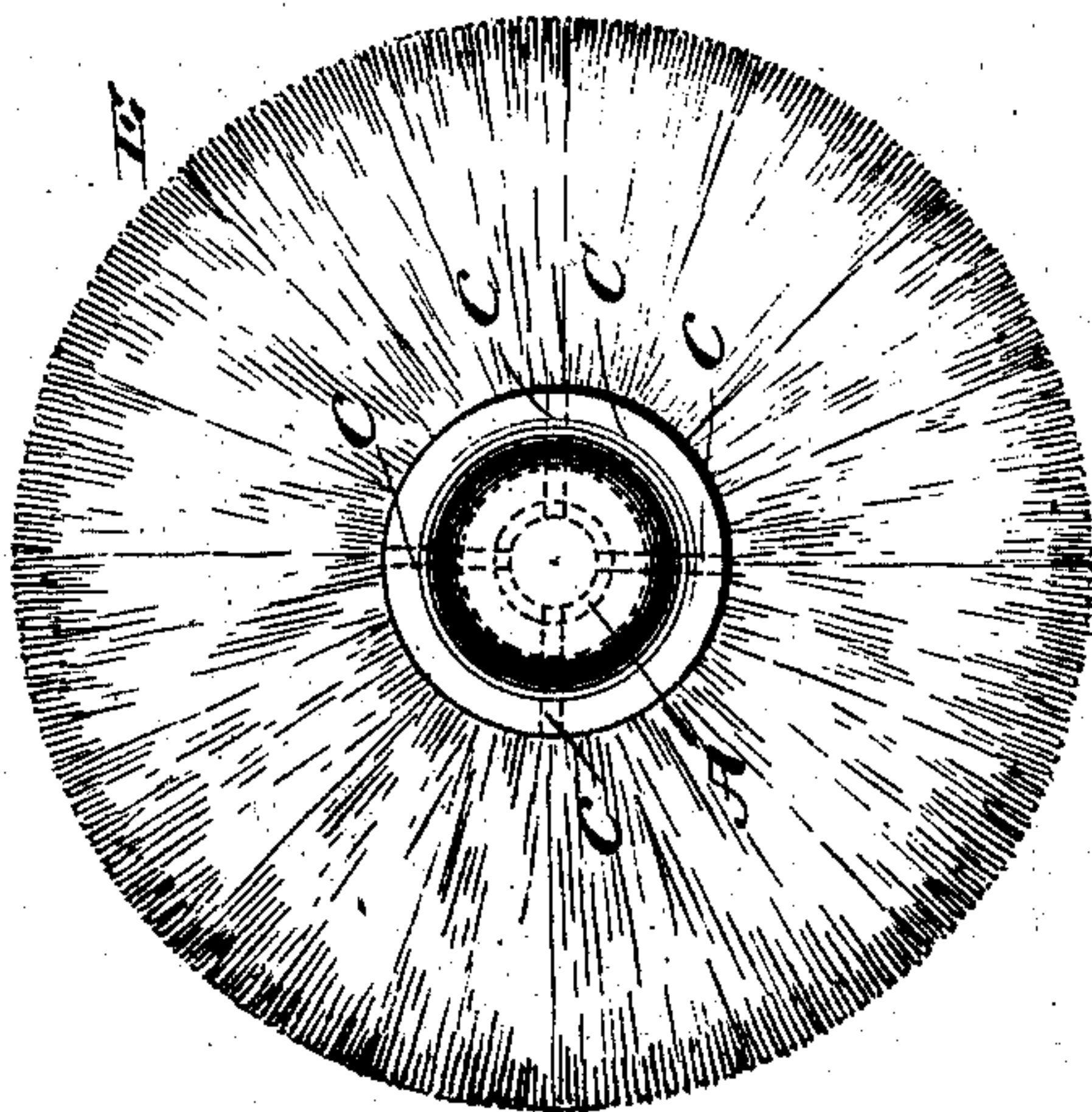


Fig. 2



Witnesses

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BURTON H. PUGH, OF TOPEKA, KANSAS.

VEHICLE-CLEANING DEVICE.

No. 846,614.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed March 24, 1906. Serial No. 307,915.

To all whom it may concern:

Be it known that I, BURTON H. PUGH, a citizen of the United States, residing at Topeka, in the county of Shawnee and State of Kansas, have invented new and useful Improvements in Vehicle-Cleaning Devices, of which the following is a specification.

My invention pertains to fountain-brushes; and it has for its object to provide a simple, durable, and efficient device of the fountain-brush type designed more particularly to be used after the manner of a swab in washing and cleaning vehicles.

With the foregoing in mind the invention will be fully understood from the following description and claim when the same is read in connection with the accompanying drawings, forming part of this specification, in which—

Figure 1 is a longitudinal central section of the device constituting the present and preferred embodiment of my invention, and Fig. 2 is a front end elevation of the same.

Similar letters designate corresponding parts in both views of the drawings, referring to which—

A is the tubular handle of my novel device, which is provided at its rear end with a nipple B or other suitable means for adapting it to be readily connected to a hose or the like and is exteriorly threaded at its forward end, as indicated by *a*, and C is the brush-body of the device. The tubular handle A is preferably of metal, while the body C is of beech or other suitable wood. Said body C is, however, provided in its rear portion with a thimble D, preferably of Babbitt metal, into which the handle A is screwed, and hence it will be seen that the body is strongly and durably connected in a fixed manner to the handle. The body C is further provided with a bore *b* in communication with the handle A and radial passages *c*, extending from said bore to its outer side, and in its said outer side it has a continuous spiral groove *d* of about the proportional depth shown in Fig. 1, for a purpose presently set forth.

In addition to the body C the brush of my novel device comprises a continuous band E of cotton cording and a continuous retaining-strip F, preferably of brass wire, through the medium of which the continuous band of cot-

ton cording is retained or held in the spiral groove *d* of the body C. The said retaining-strip F is seated in the bight of the continuous band of cotton cording and is connected at its ends to the body C, whereby it will be apparent that it will serve to hold the cotton cording on the body C in a strong and durable manner and so that the cording will form a dense mass well adapted for cleaning vehicles without scratching or otherwise marring the same.

In the practical use of my novel device the operator grasps the handle A at a point adjacent to the nipple B and manipulates the same after the manner of a swab. When this is done and water is supplied to the tubular handle A, it will be apparent that the water escaping through the passages *c* in the body C will pass in a clean stream over the surface that is being washed and assist materially in the removal of dirt from such surface.

It will be gathered from the foregoing that, in addition to being highly efficient in performing the function ascribed to it, my novel device is simple and inexpensive in construction and is well adapted to withstand the rough usage to which such devices are ordinarily subjected.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A cleaning device of the fountain-brush type, comprising a tubular handle, a brush-body fixed on one end of the handle and having a bore arranged to receive water from the tubular handle, and a continuous spiral groove in its outer side, and also having radial passages extending from the bore to its outer side, at points between whirls of the continuous spiral groove, a continuous band of cotton cording arranged with its bight in the continuous spiral groove of the body, and a retaining-strip seated in the bight of the continuous band of cotton cording so as to hold same in the groove and connected to the body.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

BURTON H. PUGH.

Witnesses:

WINN MARTIN,
CHAS. STEIGER.