

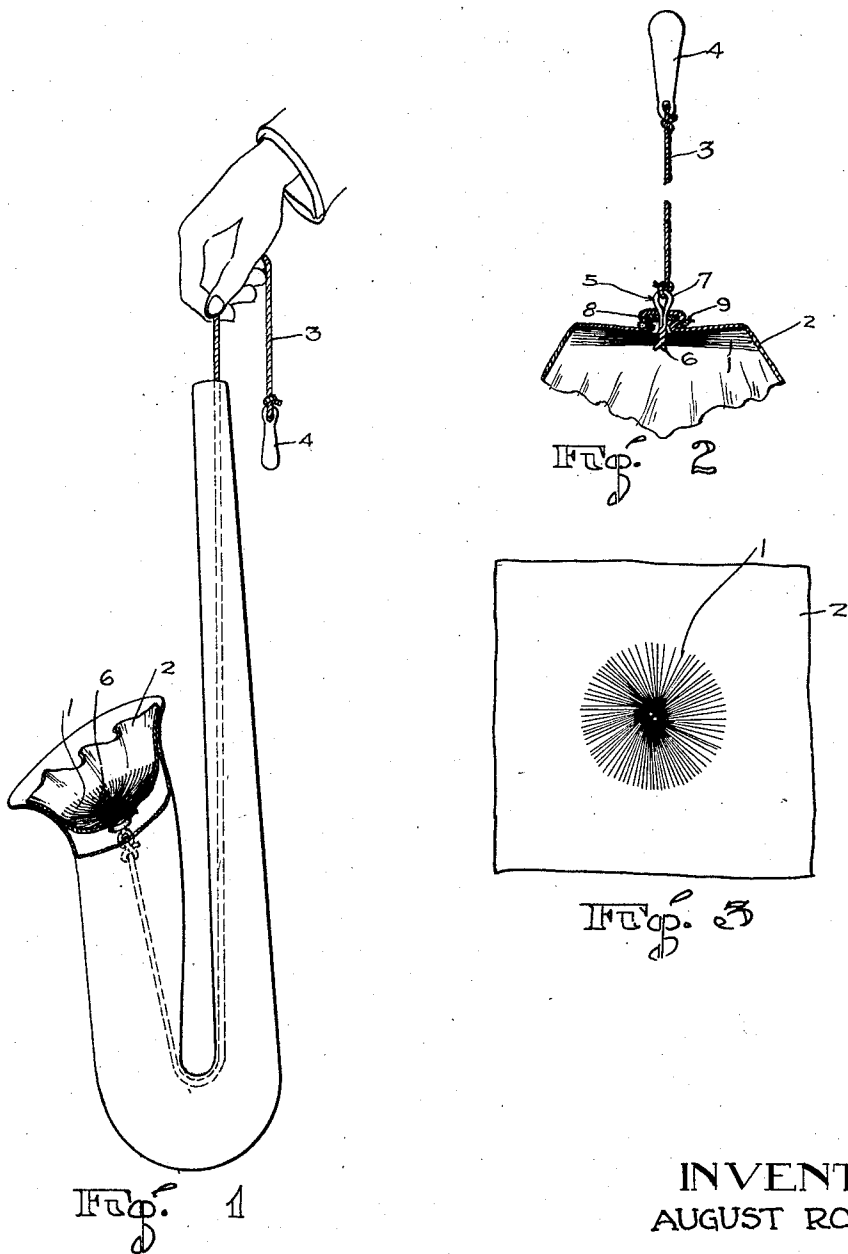
Oct. 8, 1929.

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1,730,785

SAXOPHONE CLEANING DEVICE

Original Filed May 4, 1926



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SAXOPHONE-CLEANING DEVICE

Application filed May 4, 1926, Serial No. 106,644. Renewed March 11, 1929.

This invention resides in the provision of a simply constructed, inexpensive and efficacious device for cleaning saxophones and like musical instruments.

5 One of the objects of the invention is to provide a cleaner of the character described which is small, compact and capable of being easily and quickly operated to remove dust and moisture from and to provide clean, dry
10 surfaces on the interior of saxophones and like instruments, thereby saving the valve pads from ruinous moisture, preventing spring rust and reducing repair costs.

15 A further object of the invention is to provide a cleaner of the character described which will be durable, may be used many times without necessitating the renewal of the parts thereof, will not mar or scratch the instrument and which is of convenient pocket
20 size.

25 With the above mentioned and other objects in view, the invention consists in the novel construction and combination of parts hereinafter described, illustrated in the accompanying drawing, and set forth in the claims here-
30 to appended, it being understood that various changes in the form, proportion, size and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Referring to the drawing:

35 Fig. 1 represents a perspective view showing the saxophone partly in section and illustrating the device of my invention likewise partly in section and as it would appear when ready for use.

40 Fig. 2 represents a vertical sectional view of the cleaning device the cord being broken.

45 Fig. 3 represents a bottom plan view of the device.

50 The embodiment of the invention shown in the accompanying drawing is made up of a circular fiber or metal bristle brush 1 secured to the center and on one side of a sheet 2 of soft flexible fabric, preferably chamois, which sheet is preferably but not necessarily square. A flexible cord 3 is attached at one end to the center of the sheet 2 on the side opposite the brush and has a weight 4 secured to its other

end. This cord is of sufficient length to permit of its being passed through the saxophone so that the cleaning device may be drawn through the saxophone in the cleaning operation. The sheet 2 is of such size
55 that it will cover the brush and hang down below the brush in the form of a circular skirt as shown in Fig. 2. The brush is of such size that it will cause the sheet of chamois to be engaged with the inside of the saxophone as shown in Fig. 1. The brush and
60 chamois are made up of sizes such that the device will be adapted for cleaning saxophones and like instruments of all sizes and makes. The resilient bristles of the brush will yield-
65 ingly hold the chamois sheet in an even frictional contact with the inner surface of the instrument and will yield sufficiently to permit the device to be pulled through the saxophone and out of the smaller end thereof.
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75 The bristles of the brush are held at the center of the brush by a wire clip 5 which is twisted as at 6 so as to secure the bristles in place. This wire is passed through the chamois sheet and formed into a loop shown
80 at 7, to which the cord is attached. The wire passes through the center of a circular button or disk 8 disposed on the side next to the brush and the chamois is secured around this button by means of a wire or other fastening
85 element 9 as particularly shown in Fig. 2. It will thus be seen that the wire 5 and button constitute a means for holding the bristles together and for securely uniting the several elements of the device.

90 In operation the mouthpiece of the saxophone is removed and the weight is dropped into the bell of the saxophone and out through the small end so that the cord may be grasped to pull the cleaning device through the saxophone. The cleaning device is arranged as
95 shown in Fig. 1 so that the chamois is in contact with the inner surface of the saxophone. The operator then pulls the cleaning device through the saxophone out of the smaller end thereof. The chamois is yieldably but forcibly and evenly engaged with the inner surface of the saxophone and provides for a thorough removal of all dust, moisture and other foreign matter. By the use of
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this device, saxophones and like instruments may be easily kept in a clean, dry and sanitary condition so that the pads and springs will be prevented from deterioration and repair bills will be materially reduced.

5 I claim:

1. A cleaning device for saxophones and like instruments comprising a brush, a flexible sheet of fabric to one side of which said brush is attached, which fabric is of sufficient size to cover the upper side of and overhang the brush and a flexible element attached to the other side of the sheet.

2. A device for cleaning saxophones and like instruments comprising a brush, a sheet of flexible fabric to one side of which said brush is attached, which sheet is of sufficient size to cover one side of and provide an overhanging portion with relation to said brush, a clip for holding the bristles of the brush assembled at the center of the brush, which clip extends through said sheet, and a flexible cord attached to the clip on the other side of the sheet.

3. A device for cleaning saxophones and like instruments comprising a brush, a sheet of flexible fabric to one side of which said brush is attached, which sheet is of sufficient size to cover one side of and provide an overhanging portion with relation to said brush, a clip for holding the bristles of the brush assembled at the center of the brush, which clip extends through said sheet, a flexible cord attached to the clip on the side of the sheet opposite the brush, a disk carried by said clip, said sheet being wrapped around said disk and means for securing the sheet to said disk.

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