

No. 669,402.

Patented Mar. 5, 1901.

C. RÖSE.
TOOTH BRUSH.

(Application filed Apr. 21, 1900.)

(No Model.)

Fig. 1.

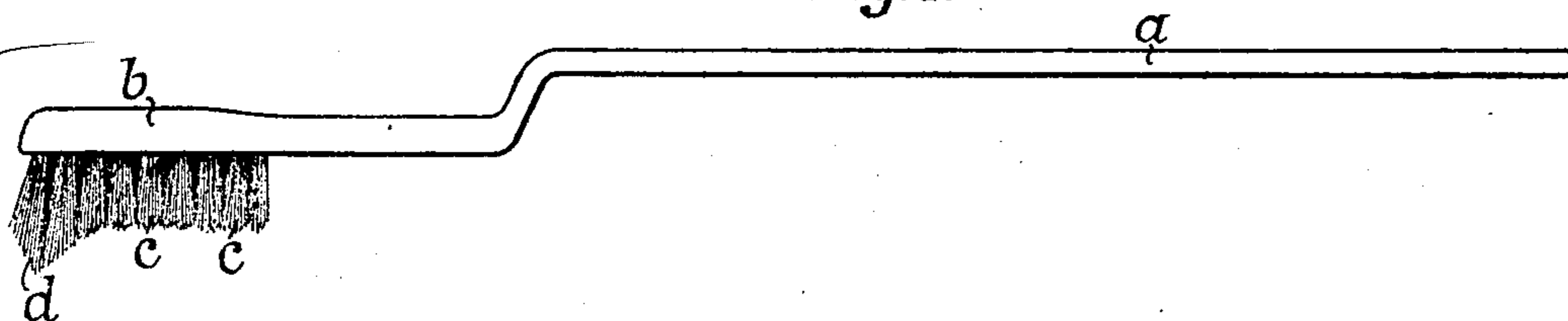
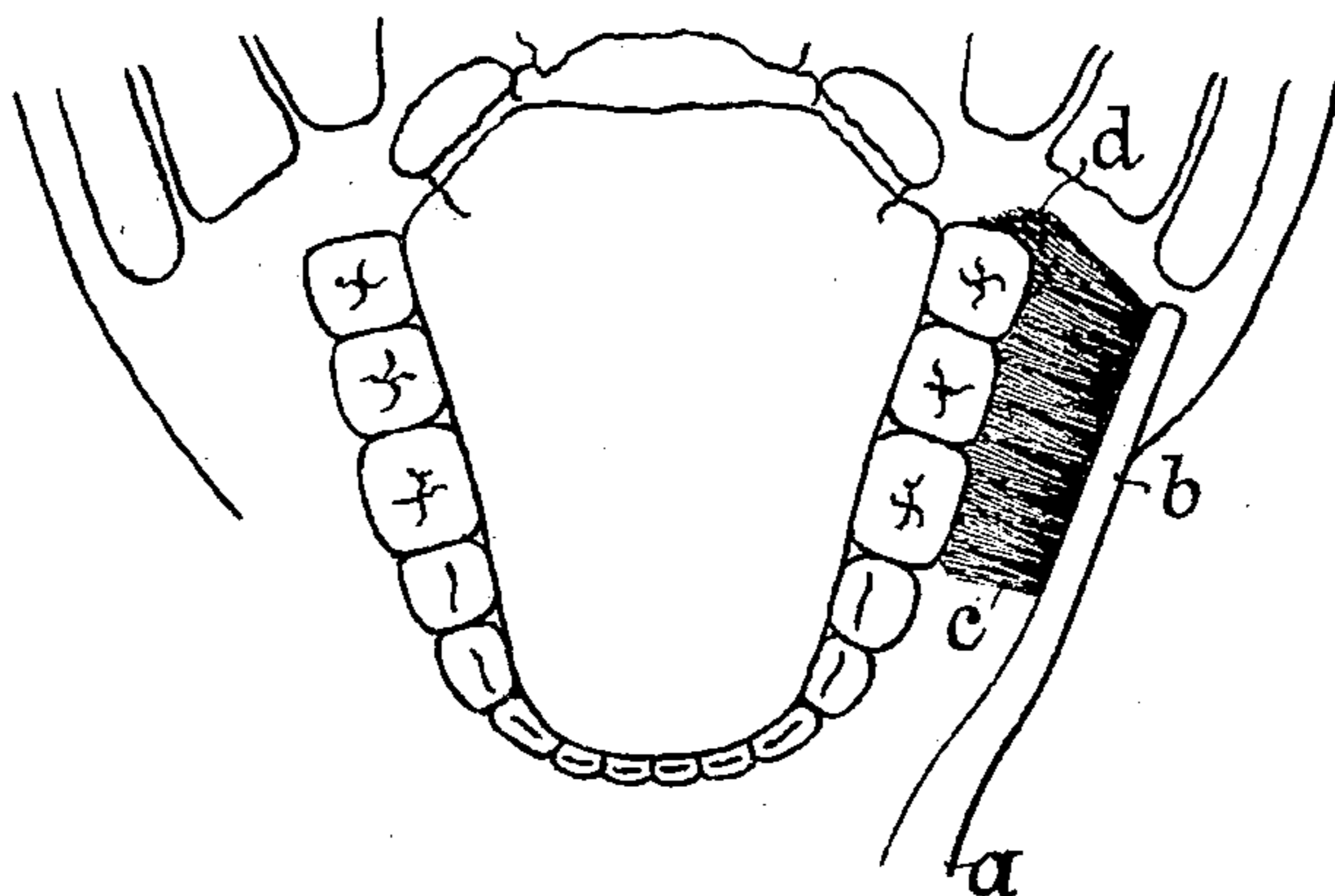


Fig. 2.



Witnesses:-
Edward Vieser.
George Barry Jr.

Inventor:
Carl Röse
By attorneys
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UNITED STATES PATENT OFFICE.

CARL RÖSE, OF LEIPSIC, GERMANY.

TOOTH-BRUSH.

SPECIFICATION forming part of Letters Patent No. 669,402, dated March 5, 1901.

Application filed April 21, 1900. Serial No. 13,723. (No model.)

To all whom it may concern:

Be it known that I, CARL RÖSE, a subject of the King of Bavaria, and a resident of Leipsic, Kingdom of Saxony, German Empire, have invented new and useful Improvements in Tooth-Brushes, of which the following is a specification.

This invention consists in a tooth-brush having at its foremost end a strong and pointed cone of bristles which is so arranged obliquely to the brush-back that a part of it projects beyond the foremost end of the latter, so that the said cone, besides its duty of effecting an easy and thorough cleaning of the holes and the gap in the teeth, will allow a thorough cleaning of the sides and of the rear surfaces of the hindmost molars, which cleaning cannot be effected by a tooth-brush of ordinary construction.

Figure 1 shows a tooth-brush according to this construction in side view. Fig. 2 shows a row of teeth in plan with the brush applied to it for cleaning said rear surface.

The brush consists in the usual manner of a handle *a*, with an adjacent brush-back *b*, from the one surface of which the bunches of bristles *c* stand forth. At the foremost end of said brush the bunches of bristles are so arranged in an oblique position to the brush-back and are so shaped that they form a strong and pointed cone of bristles *d*, a part of which cone projects beyond the foremost or outer end of the brush-back *b*. This obliquely-arranged cone of bristles *d* may be made by inserting into the brush-back bundles with bristles of equal length, but longer than the other bundles of bristles constitut-

ing the brush, which longer bundles are hereinafter shaped into a cone by cutting or the like or it may be made by inserting into the brush-back bunches of different length of bristles, the ends of the so-united bundles forming the desired cone. The strong and pointed cone of bristles thus obliquely arranged and projecting beyond the outer end of the brush-back will not only serve to enter into the tooth holes and gaps for cleaning purposes, but it will also reach the rear surface of the hindmost molars, as illustrated in Fig. 2 of the annexed drawings. In order to obtain a good effect with the said cones, it will be well to insert the single bunches which constitute the bristle-cone as closely together as possible.

I am well aware that tooth-brushes are known and used which are provided with cone-shaped extensions on the surface formed by the bristles' ends, and therefore I do not claim, broadly, such a brush; but

What I claim as my invention is—

A tooth-brush with a cone of bristles at the foremost end of the brush, which cone is arranged obliquely to the brush-back and a part of which projects beyond the foremost end of said brush-back, substantially as herein described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 7th day of April, 1900.

CARL RÖSE.

Witnesses:

RUDOLPH FRICKE,
CHAS. J. BURT.