

No. 876,185.

PATENTED JAN. 7, 1908.

C. T. HILLMAN.
TOOTH BRUSH.

APPLICATION FILED SEPT. 7, 1905.

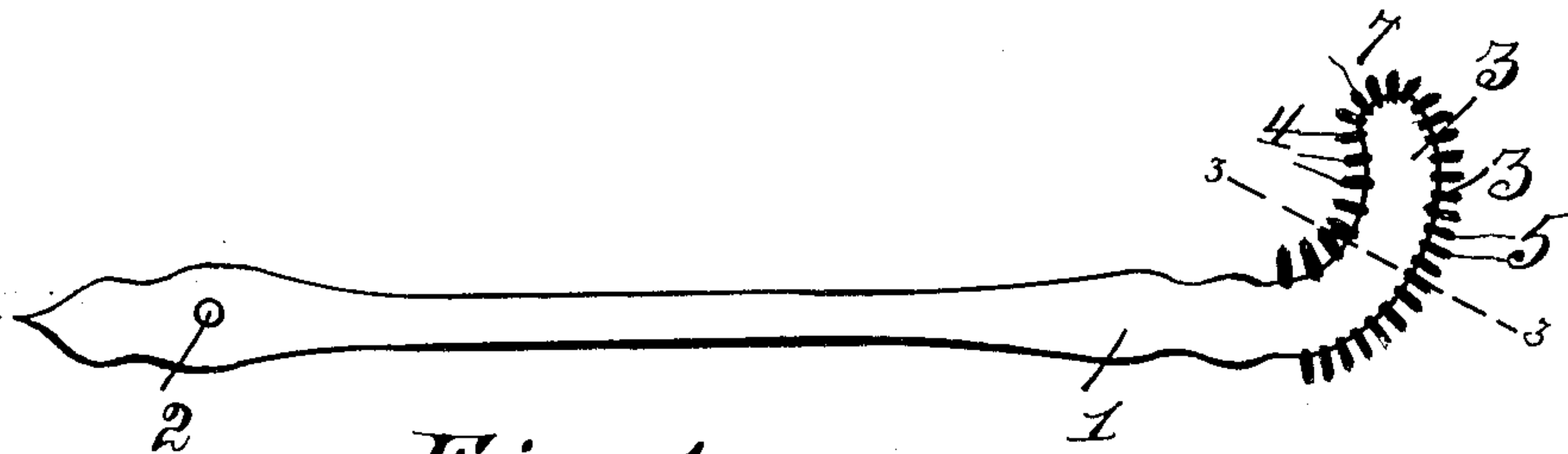


Fig. 1.

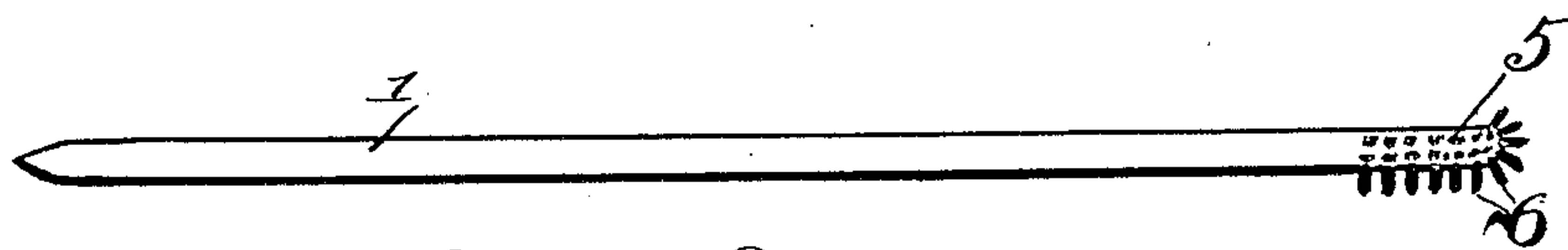


Fig. 2.



Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

CLARA T. HILLMAN, OF ROCHESTER, PENNSYLVANIA.

TOOTH-BRUSH.

No. 876,185.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed September 7, 1905. Serial No. 277,426.

To all whom it may concern:

Be it known that I, CLARA T. HILLMAN, citizen of the United States of America, residing at Rochester, in the county of Beaver and State of Pennsylvania, have invented certain new and useful Improvements in Tooth-Brushes, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to certain new and useful improvements in tooth brushes.

The construction particularly contemplated in my invention is adapted for use in connection with dental plates wherein it is
15 necessary in cleaning the same, to reach every corner and crevice thereof.

In furtherance of the above function, my invention comprises a construction which is of peculiar contour and arrangement, so designed that it will readily enter any part of
20 the plate.

The detailed construction will appear in the course of the following description, in which reference is had to the accompanying
25 drawings forming a part of this specification, like numerals indicating like parts throughout the several views, in which:—

Figure 1, is a top plan view of my improved brush, Fig. 2, is a side elevation thereof, and Fig. 3, is a transverse section
30 on the line 3—3 of Fig. 1.

The brush proper embodies a handle 1, apertured at one end as at 2, to receive a supporting hook, and having its other end
35 bent at an angle into a substantial arc-shaped curvature, as at 3. The bent end is

thus formed on each side with an inner and an outer arc-shaped periphery upon which are mounted series of laterally projecting bristles 4 and 5 respectively. These bristles
40 are continuous from the inner periphery of the end 3 about the extremity thereof, as at 7, and along the outer periphery of said end, thereby forming a continuous line of laterally extending bristles. In addition thereto,
45 I have formed upon the underneath surface of the end 3, a series of downwardly projecting bristles 6, which coact in the cleaning operation, with the bristles 4, 5 and 7 above referred to. 50

In practical use the underneath bristles 6 will clean the face of the plate, and the bristles 4 and 5, as well as the bristles 7 upon the end of the brush, will clean the sides and crevices thereof between the teeth, simultaneously with the cleaning of the face of the
55 plate by the bristles 6.

Having fully described my invention, I claim:—

A tooth brush having a straight handle
60 member terminating at one end in a laterally-extending arc-shaped elliptical portion the extremity of which is rounded, said arc-shaped end provided with bristles projecting radially from three sides and from the round-
65 ed extremity thereof.

In testimony whereof I affix my signature in the presence of two witnesses.

CLARA T. HILLMAN.

Witnesses:

JOHN S. POWERS,
M. E. LAWSON.