

(No Model.)

R. S. TRACY.
TOOTH BRUSH.

No. 245,585.

Patented Aug. 9, 1881.

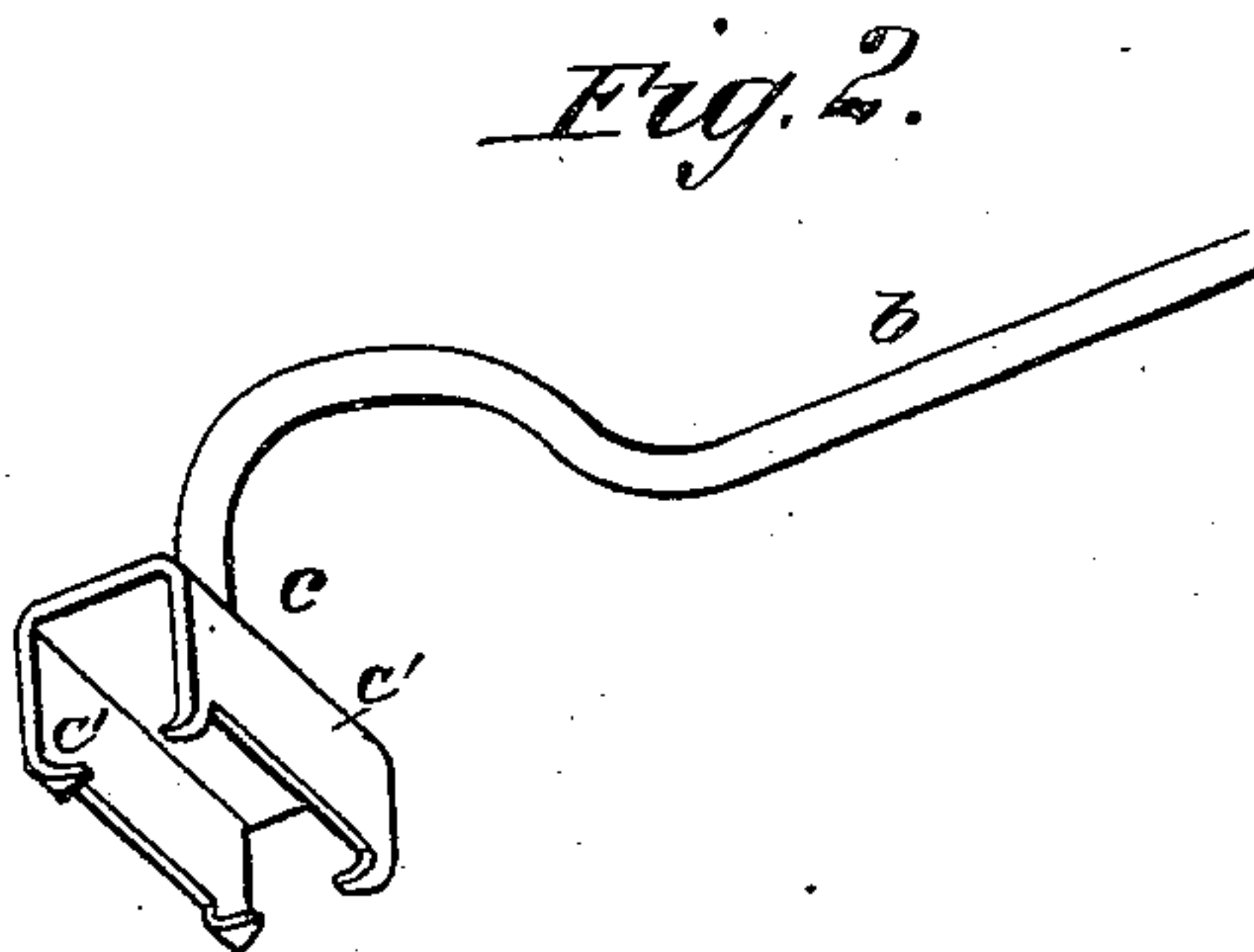
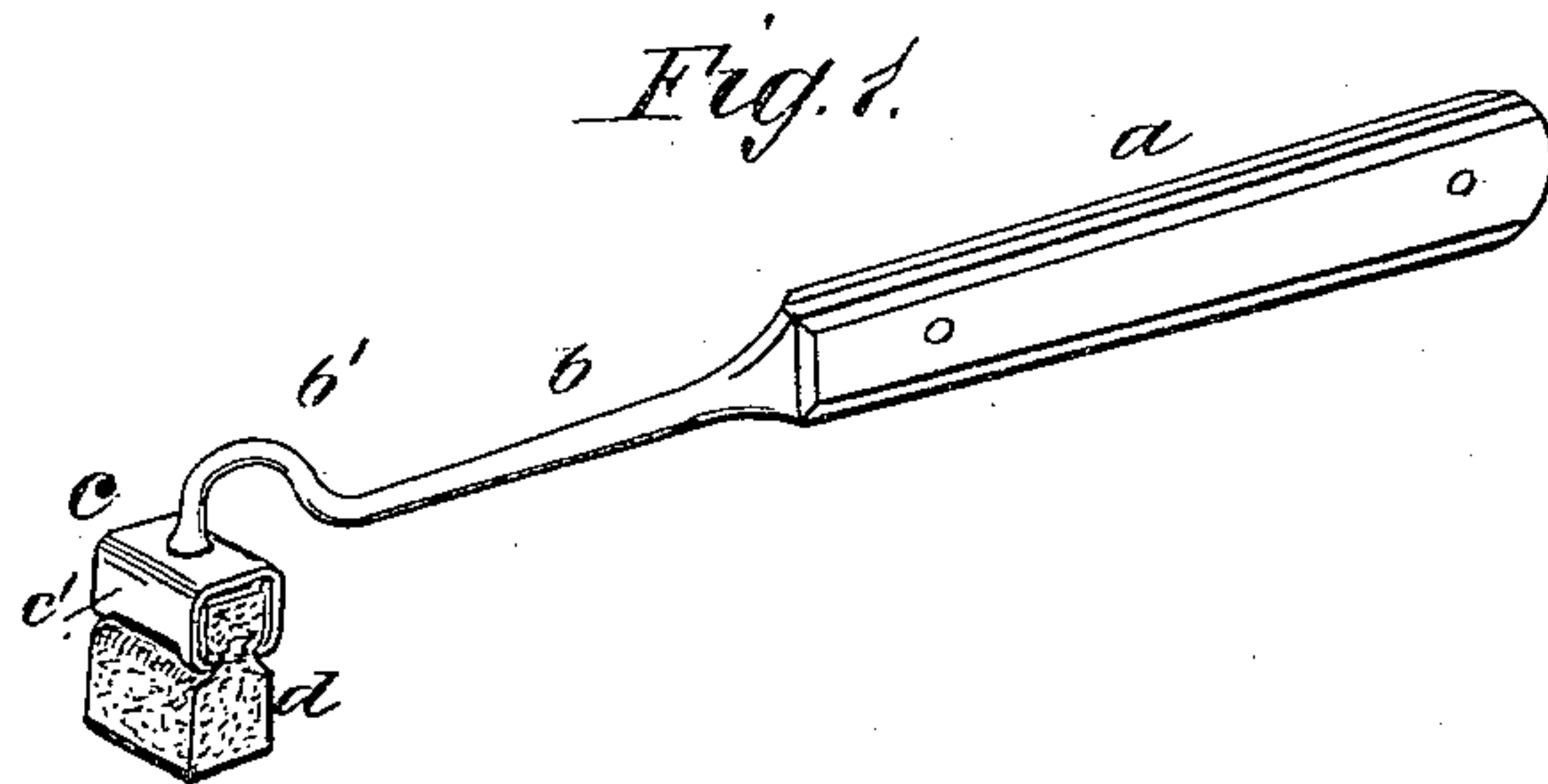
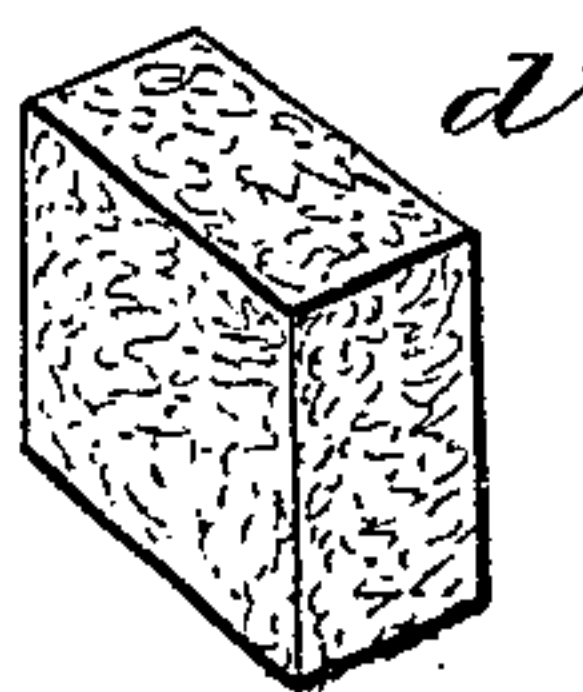


Fig. 3.



WITNESSES:

Francis McArthur.
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UNITED STATES PATENT OFFICE.

ROGER S. TRACY, OF NEW YORK, N. Y.

TOOTH-BRUSH.

SPECIFICATION forming part of Letters Patent No. 245,585, dated August 9, 1881.

Application filed February 18, 1881. (No model.)

To all whom it may concern:

Be it known that I, ROGER S. TRACY, of the city, county, and State of New York, have invented a new and useful Improvement in Tooth-Brushes, of which the following is a specification.

My invention relates to tooth-brushes having removable pads or brush portions, and has for its object to provide a simple, convenient, and inexpensive article of that character.

The invention consists in a holder of novel form for receiving and retaining the pad, and also in a shank carrying the holder, made of peculiar shape, whereby the brush is rendered more convenient for use.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of the improved tooth-brush. Fig. 2 is a perspective view of the holder and shank with the pad removed, and Fig. 3 shows a pad such as I prefer to use.

Similar letters of reference indicate corresponding parts.

a is the handle of the brush; *b*, the shank; *c*, the holder, and *d* the pad contained in the holder. The shank *b* is made of metal, and has the handle *a* attached or formed with it in any suitable manner.

The holder *c* consists of a small plate of metal formed with side flanges, *c'*, that are preferably made at their edges with teeth, as shown. The flanges *c'* are slightly elastic to facilitate insertion of the pad. The holder is attached at its back to the end of the shank,

and so that the space between the flanges extends at right angles to the shank. The end of the shank is formed with a curve or bend, *b'*, of nearly semicircular form, so that the holder is set off sidewise from the shank. This renders the brush most convenient for use, and the space given by the bend allows use of the brush conveniently in cleaning the back of the teeth.

I use for a pad or brush a block of felt, which, being made slightly larger in size than the opening in the holder, is held firmly when slipped in from one side. The pad can be readily removed and another substituted.

This tooth-brush is superior to an ordinary brush in the respects of convenience, cleanliness, and durability. It also permits the use of soft material, such as felt, which is much less harsh than the usual materials.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A tooth-brush consisting of a curved-handled clamp carrying a block of felt of a size suitable for cleaning and polishing the teeth, as described.

2. In tooth-brushes, the shank *b*, having the holder *c* attached at its end, and formed with the bend or curve *b'* at the back of the holder, substantially as and for the purpose set forth.

ROGER S. TRACY.

Witnesses:

GEO. D. WALKER,
C. SEDGWICK.