

J. D. & W. O'DONOGHUE.

Tooth-Brushes.

No. 140,429.

Patented July 1, 1873.

Fig. 1.

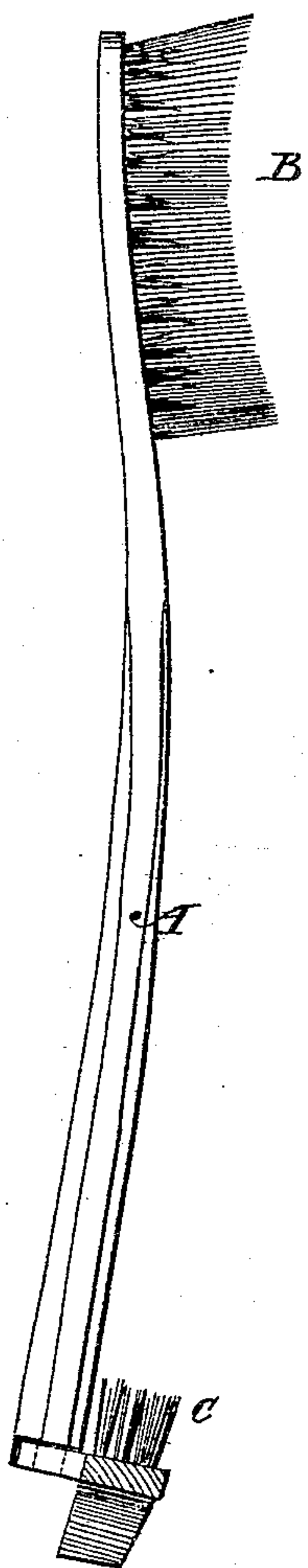
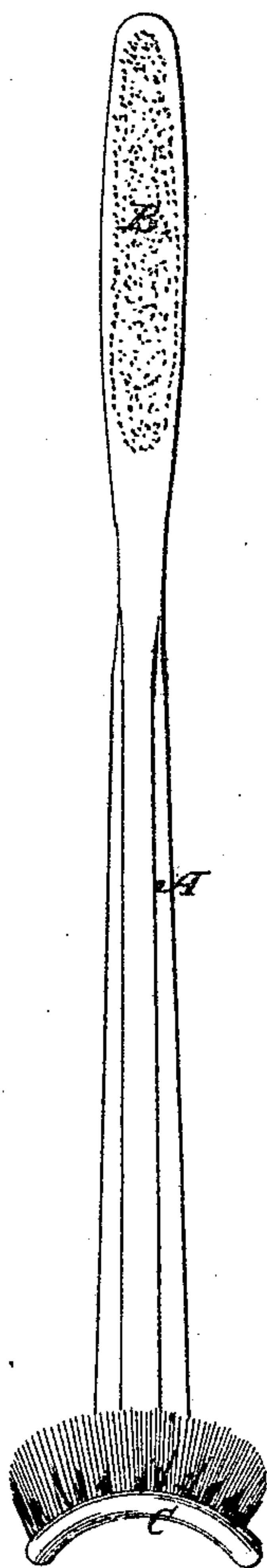


Fig. 2.



Witnesses:

*Cas. Nida*  
*Chiquet*

Inventor:

*J. D. O'Donoghue*  
Per *W. O'Donoghue*  
*Wm. J. L.*  
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# UNITED STATES PATENT OFFICE.

JAMES D. O'DONOGHUE AND WILLIAM O'DONOGHUE, OF NEW YORK, N. Y.

## IMPROVEMENT IN TOOTH-BRUSHES.

Specification forming part of Letters Patent No. **140,429**, dated July 1, 1873; application filed May 31, 1873.

*To all whom it may concern:*

Be it known that we, JAMES D. O'DONOGHUE and WILLIAM O'DONOGHUE, of the city, county, and State of New York, have invented a new and Improved Tooth-Brush, of which the following is a specification:

This invention consists of an ordinary tooth-brush having a convex brush arranged at the end of the handle, crosswise to it, in a different plane and fronting the other brush, so that holding it by the end whereon the latter is arranged, and placing the convex brush in the mouth inside of the teeth, the convex form will apply to the concave wall of teeth in a manner calculated to brush the teeth at the inside more efficiently than can be done by the ordinary brushes.

Figure 1 is a side elevation of my improved brush; and Fig. 2 is a front elevation of the same.

A is the ordinary handle, and B the ordinary brush. C represents the convex brush of our attachment arranged crosswise of the

handle at one side of it and fronting the brush B, as above stated, so that when the brush end B is used as a handle and the convex brush put in the mouth it applies to the teeth at the inside better than any other brush by reason of its convexity and relative arrangement with the handle.

We have in this example arranged this brush in connection with the ordinary tooth-brush as a matter of convenience; but it is obvious that it may be arranged on a separate handle.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

A tooth-brush, C, arranged, in relation to its handle, as herein shown and described.

JAMES D. O'DONOGHUE.  
WILLIAM O'DONOGHUE.

Witnesses:

T. B. MOSHER,  
C. SEDGWICK.