

C. BULKLEY.
Tooth-Brushes.

No. 158,673.

Patented Jan. 12, 1875.

Fig. 1.

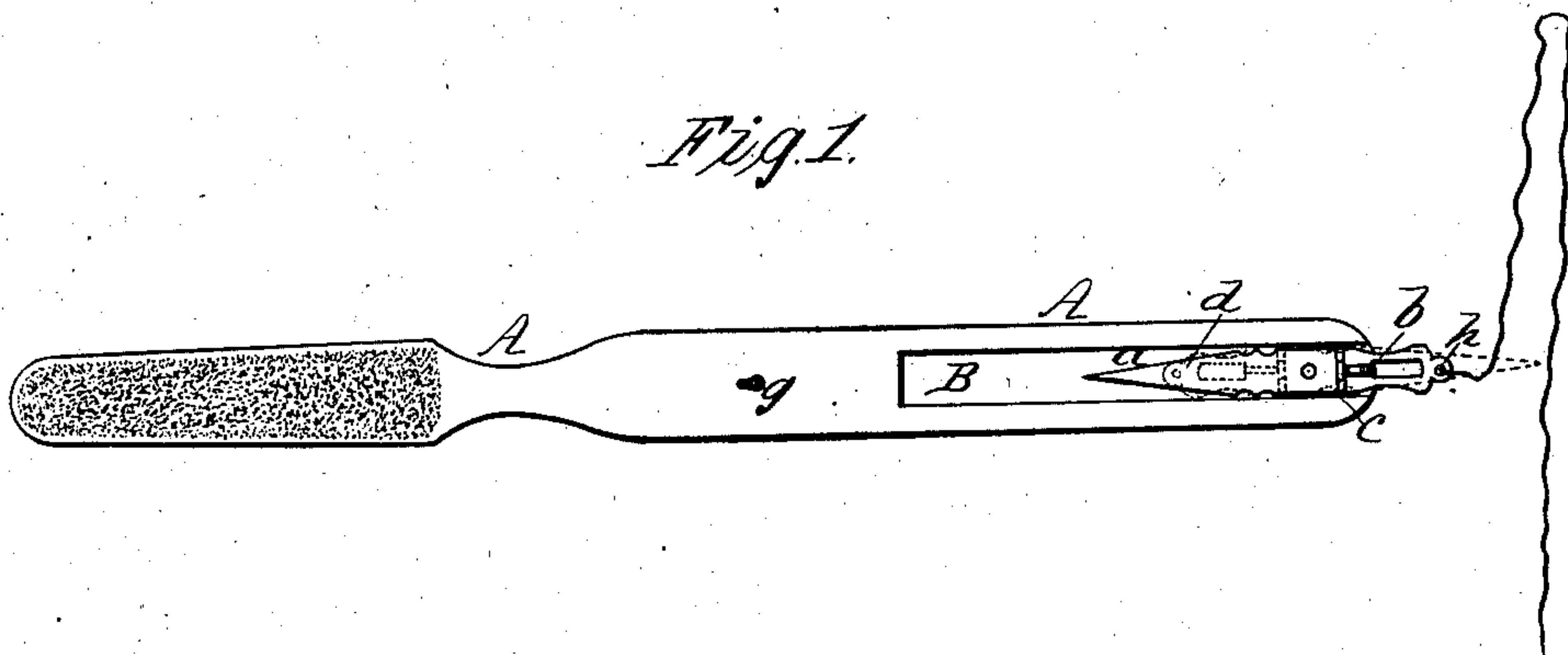
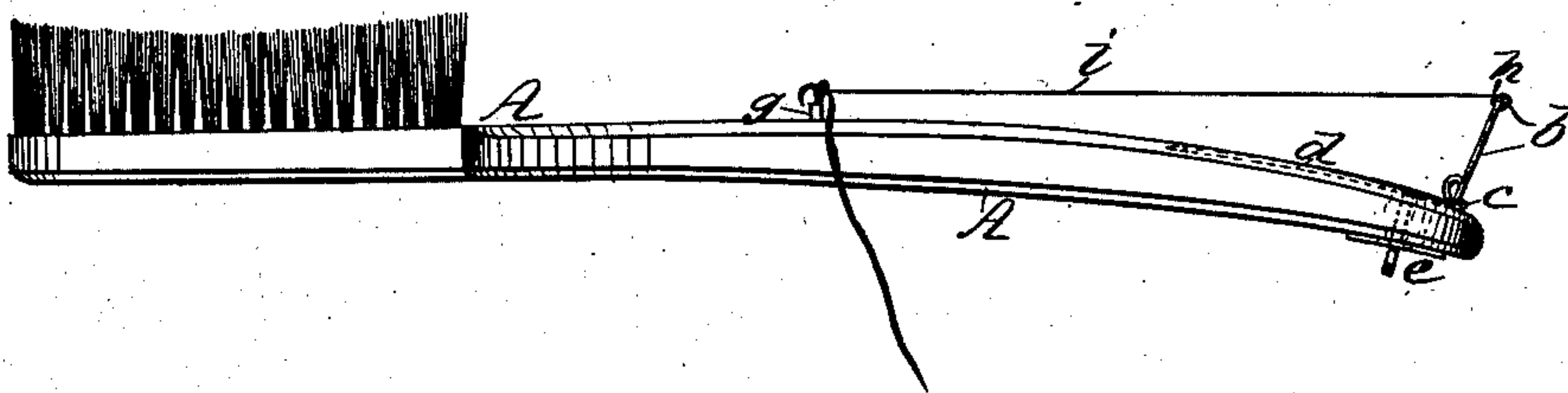


Fig. 2.



Witnesses

Jas. P. Guffy
Chas. Fealots

Inventor

Charles Bulkley

UNITED STATES PATENT OFFICE.

CHARLES BULKLEY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN TOOTH-BRUSHES.

Specification forming part of Letters Patent No. 158,673, dated January 12, 1875; application filed September 3, 1874.

To all whom it may concern:

Be it known that I, CHARLES BULKLEY, of the city of Philadelphia, State of Pennsylvania, have invented an Improved Tooth-Brush, of which the following is a specification:

The object of my invention is to combine in the tooth-brush a tooth-pick and a cord or thread for cleaning between the teeth, and a brush, by constructing on the end of the handle a mechanical device of German silver or other metal, in the form as represented in the drawing, Figure 1.

A A represent the handle of the tooth-brush. At B a groove or slot, *a*, is cut in the handle, in which is placed the tooth-pick *d*, which is fastened by a post running through it and the handle of the brush, and tightened by turning the thumb-piece *e*. An upright piece, *b*, is fastened by a hinge-joint at *c* to the tooth-pick *d*. At the top of the upright piece *b* is a small hole or hook, *h*, to which a

cord or thread can be fastened, and also drawn tightly through and fastened at the small ring or hook at *g*, and thus form the bow-string *i*, for cleaning the space between the teeth.

When the tooth-pick is to be used, by turning the thumb piece *e*, the whole device can be reversed in position, when the upright piece *b* falls on the handle, and the tooth-pick *d* projects beyond the handle, ready for use, and is again secured by turning the thumb-piece *e*.

I claim as my invention—

An improved tooth-brush with its metallic attachments *a b c d e f* and the cord *i*, substantially as set forth, in the manner above described.

CHARLES BULKLEY.

Witnesses:

JAS. P. GREGORY,
THOS. FEALDS.