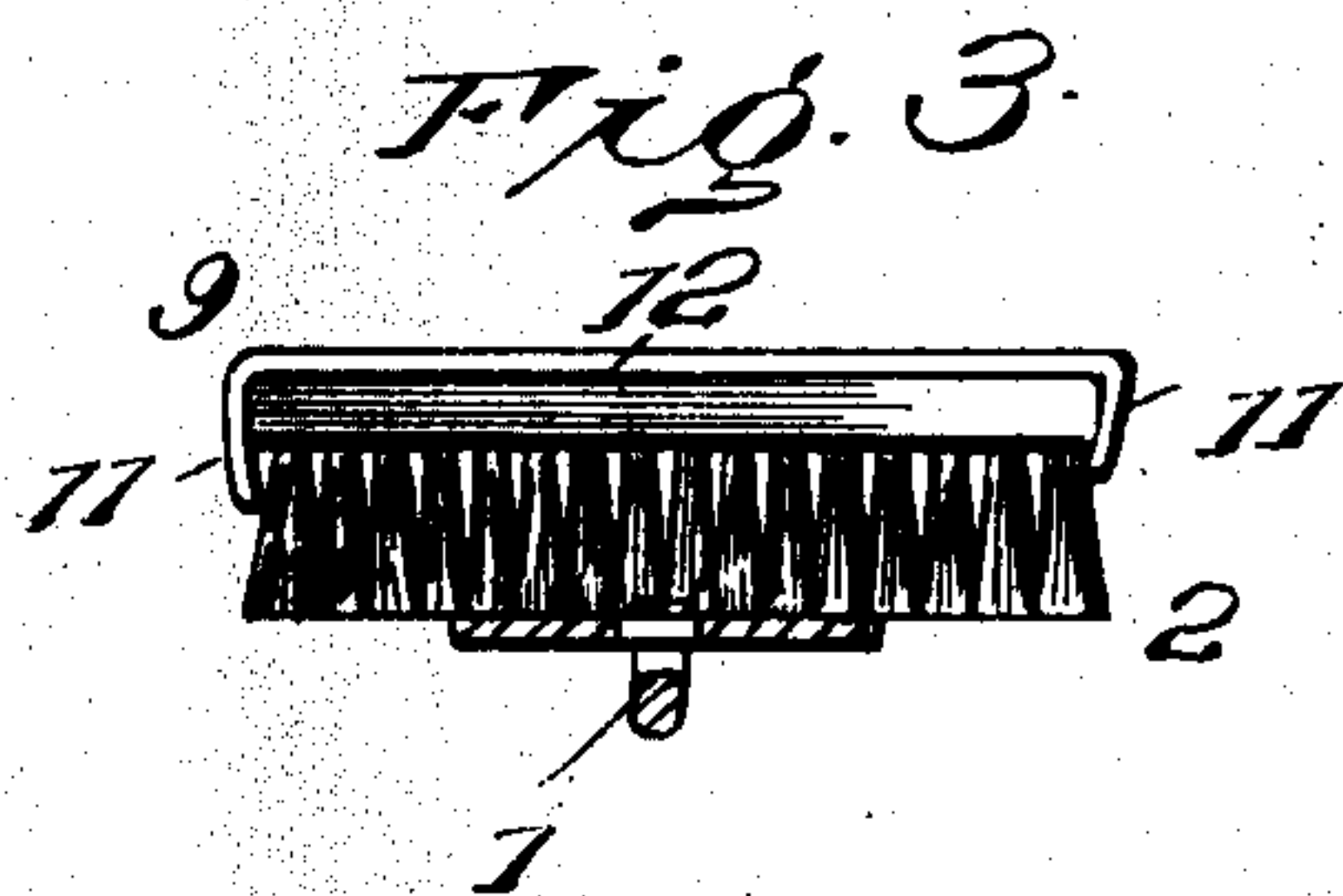
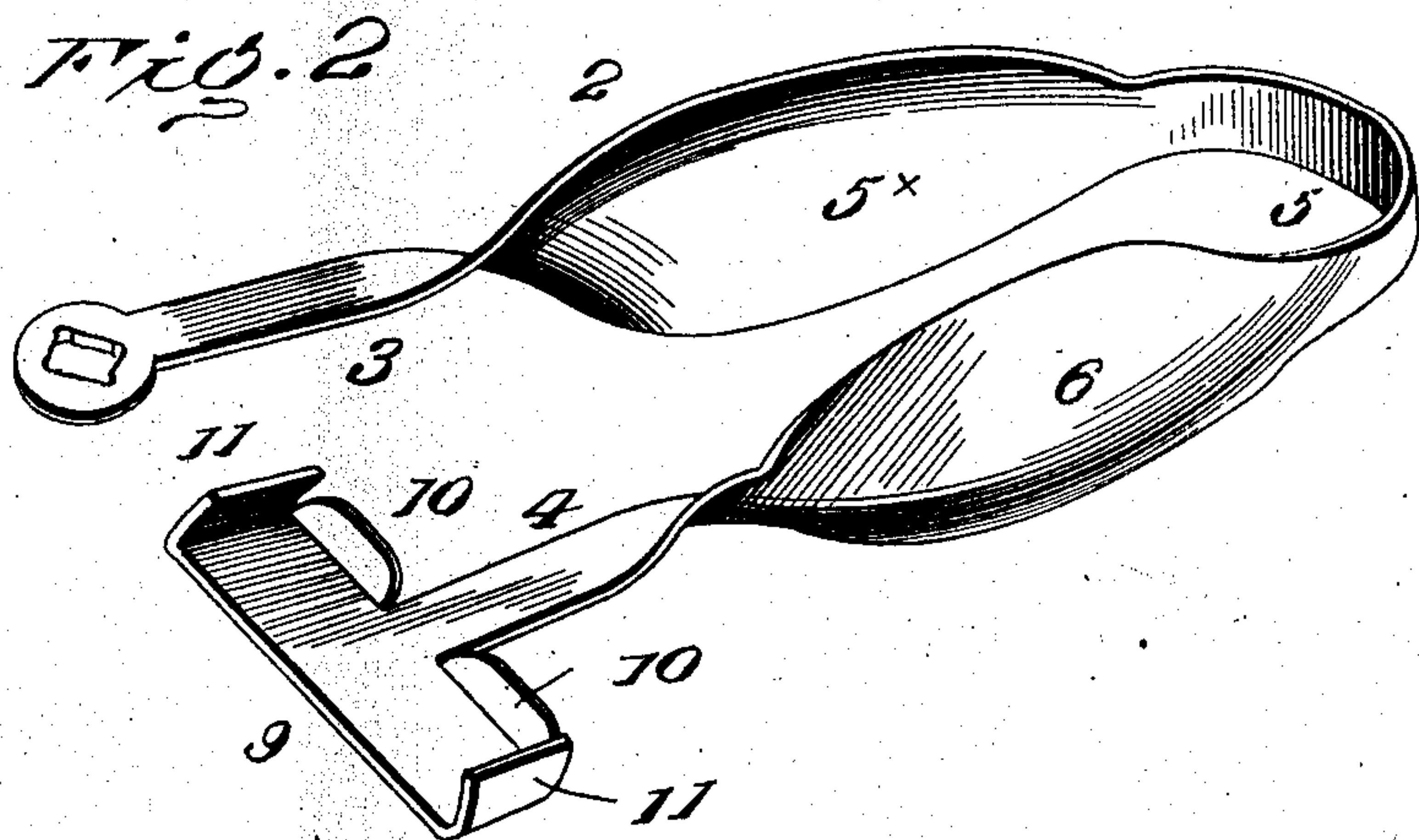
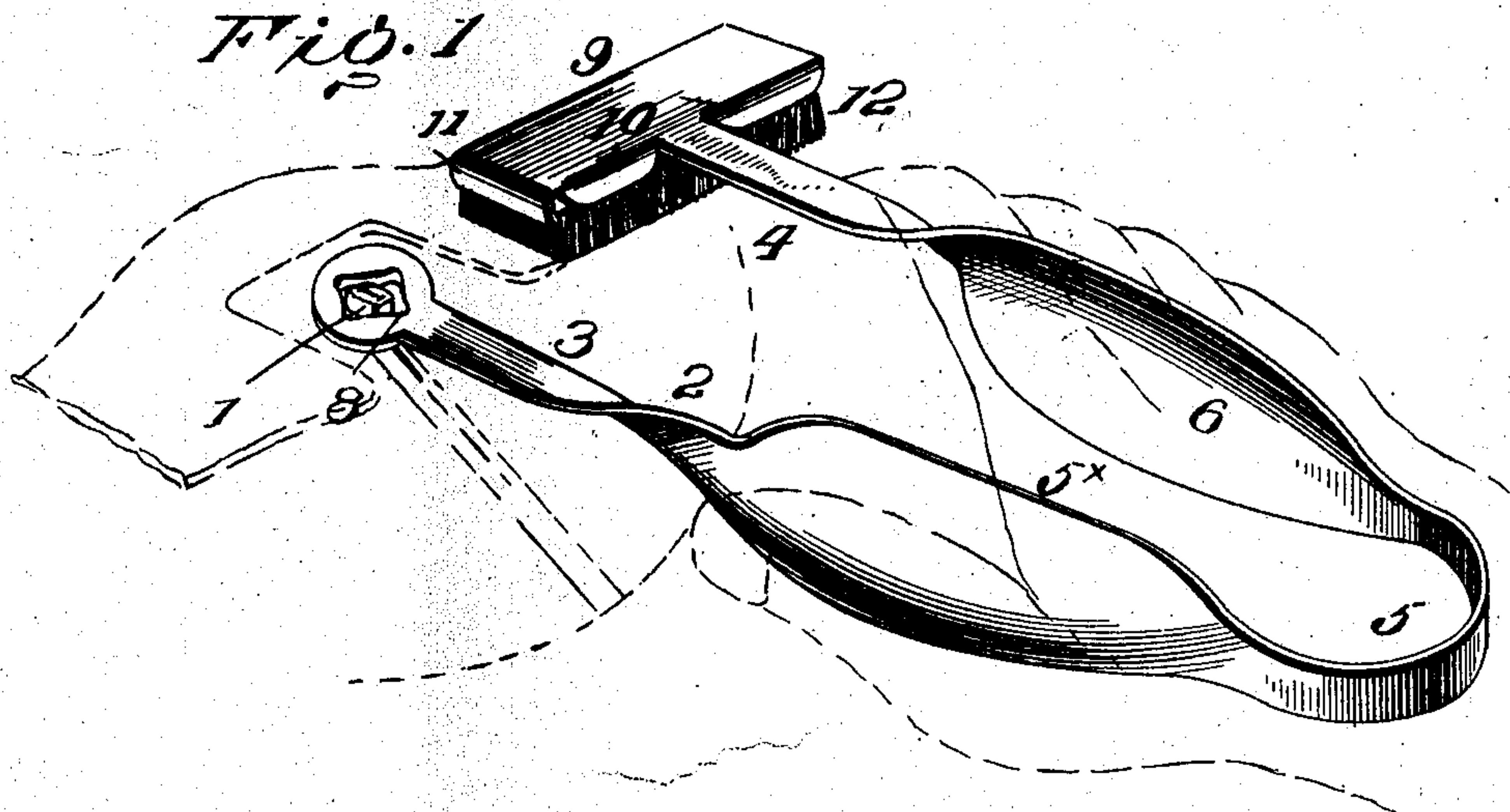


No. 806,062.

PATENTED NOV. 28, 1905.

S. C. CALLAWAY.
TYPE CLEANER FOR TYPE WRITERS.
APPLICATION FILED APR. 18, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL CLAYTON CALLAWAY, OF ATLANTA, GEORGIA.

TYPE-CLEANER FOR TYPE-WRITERS.

No. 806,062.

Specification of Letters Patent.

Patented Nov. 28, 1905.

Application filed April 18, 1905. Serial No. 256,256.

To all whom it may concern:

Be it known that I, SAMUEL CLAYTON CALLAWAY, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented new and useful Improvements in Type-Cleaners for Type-Writers, of which the following is a specification.

This invention relates to improvements in cleaners for type-writing machines.

It is well known that the type of type-writers become clogged and have to be cleaned frequently. Attempts have been made to clean the type all together, as with a revolving or reciprocating brush; but I have found better results can be accomplished by cleaning individual type by holding it and then using a brush capable of increasing or decreasing the pressure on the type-face, according to the condition of the foreign substance present.

To this end my invention contemplates an improved tool comprising two members yieldingly held together, one member holding the type, while the other member carries a brush to clean it.

A further object of the invention is to provide a type-cleaner having a reciprocating brush and a type-holder constructed in such manner that an operator may hold the type and clean it with one hand.

Many other objects and advantages will be hereinafter referred to and be particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of my improved type-cleaner in use. Fig. 2 is a perspective view of the cleaner looking from the opposite end. Fig. 3 is a cross-section taken through the brush and type-holder.

The numeral 1 indicates a type-key and type of an ordinary type-writer, and 2 my improved cleaner.

The cleaner 2 comprises two arms 3 and 4, yieldingly connected at one end, as at 5. The arms 3 and 4 are suitably formed to provide handles 5^x and 6, and are preferably formed of one piece of metal; but it will be understood that several pieces may be employed, if desired. The arm 3 is provided at its free end with an opening 8 to receive a type, and the arm 4 is bent to form a brush-holder 9. The holder consists of a rear abutting flange

10 and side gripping-flanges 11. The flanges 11 are turned in slightly at the bottom to provide a grip to rigidly hold the brush 12.

The brush-holder 9 is located so as to operate above the type-holder when the cleaner is in use.

In operation the cleaner is grasped in the hand, and a type-key is depressed with the other hand to elevate the type, the latter being fitted in the opening 8. The operator simultaneously squeezes and slightly presses downwardly the arm 4 to cause the brush to pass over the type. The brush is quickly reciprocated across the face of the type until it is thoroughly cleaned, whereupon the pressure on the key is released. By reason of the fact that the arm 4 yields downwardly and laterally any degree of pressure can be applied to the type to insure of the removal of any packed foreign substance lodged in the crevices.

The invention is simple and durable and can be conveniently operated, as will be obvious.

What I claim as new is—

1. A type-cleaner comprising a pair of yielding arms, one of said arms being formed with a type-receiver, and the other arm carrying a brush adapted to be reciprocated over the receiver.

2. A type-cleaner comprising a pair of arms, a yielding connection between the arms, a type-receiver formed in one of the arms, and a brush carried by the other arm and adapted to be reciprocated across the type-receiver.

3. A type-cleaner comprising a pair of arms yieldingly connected together, an opening formed in one arm to receive a type, and a detachable brush carried by the other arm and adapted to be passed over the opening.

4. A type-cleaner comprising a type-holder, and a brush adapted to be reciprocated over the type-holder.

5. A type-cleaner comprising a type-holder, a brush, a yielding brush-carrier, said carrier adapted to yield transverse and longitudinal of the type-holder.

6. A type-cleaner comprising a handle, a type-holder, a brush, and a yielding connection whereby when the handle is squeezed the brush will pass over the type-holder, and

when released the brush will assume its normal position.

7. A type-cleaner comprising a type-holder which is normally exposed, a brush normally
5 distanced from the type-holder, and a yielding connection between the type-holder and the brush.

8. A type-cleaner comprising a type-holder and a brush-holder yieldingly connected, the

brush-holder consisting of an abutment and 10 means to grip and hold a brush.

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

SAMUEL CLAYTON CALLAWAY.

Witnesses:

WM. W. REIS,

E. F. SHROPSHIRE.