

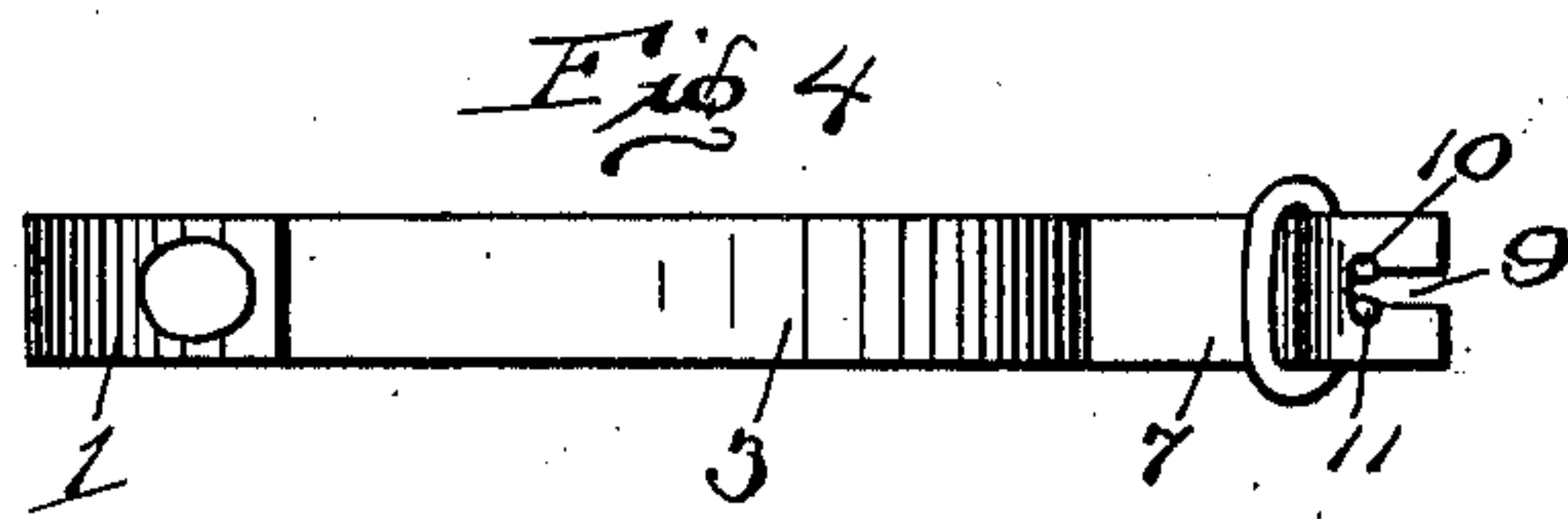
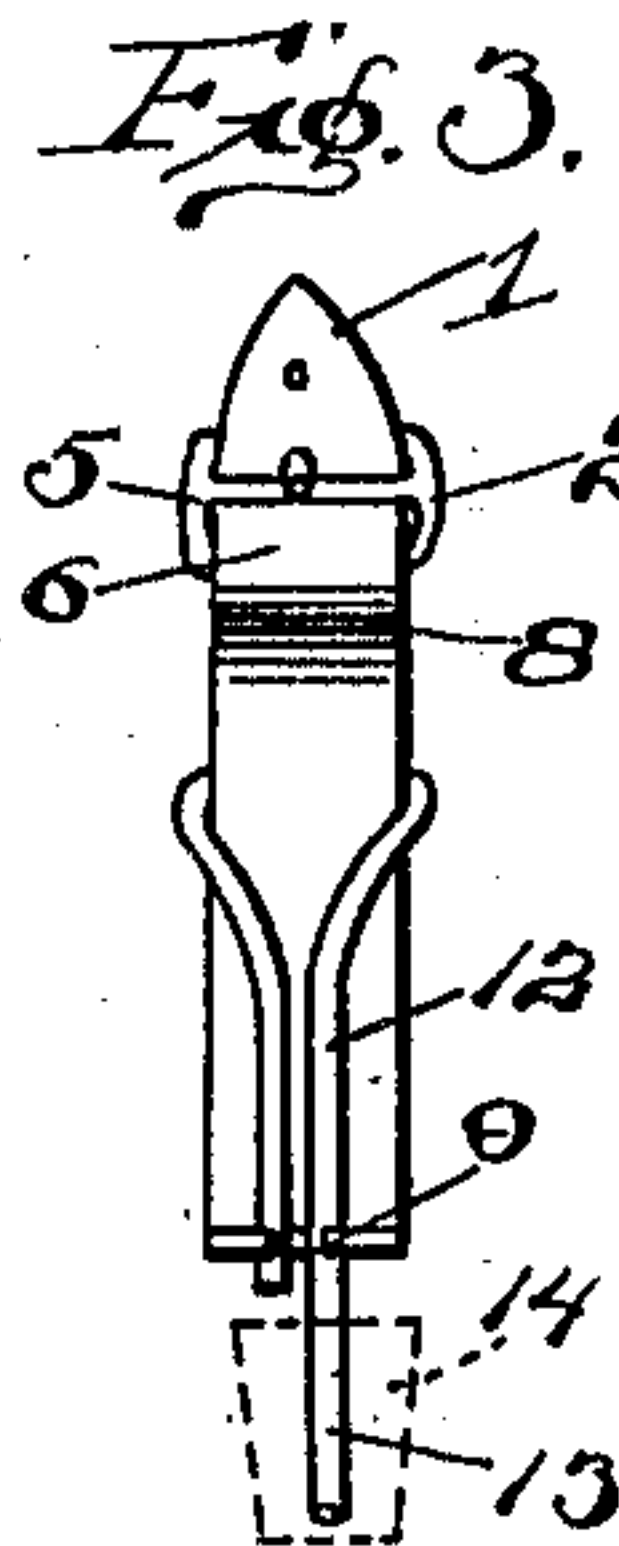
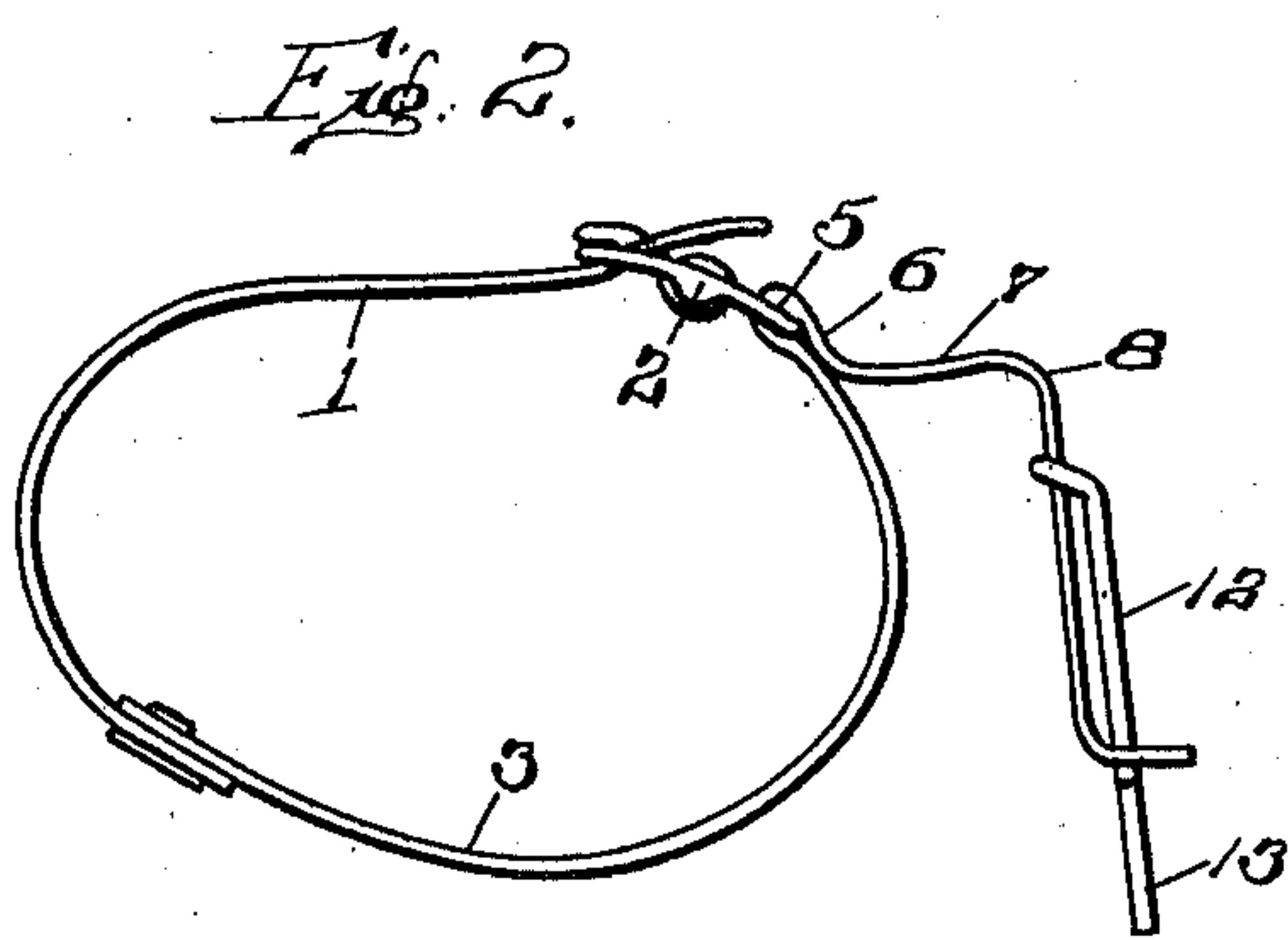
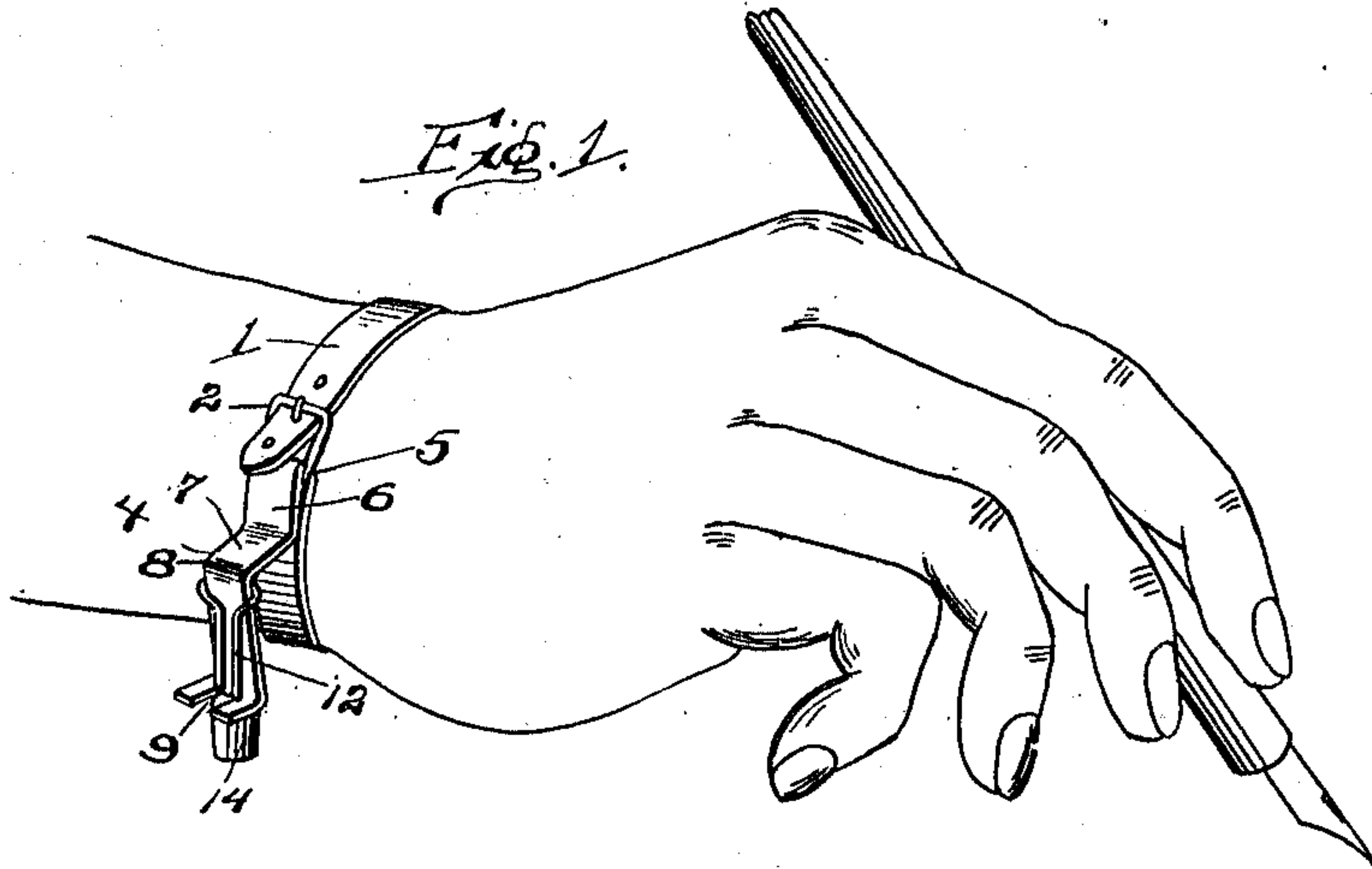
G. A. REYNOLDS & P. C. TEN EYCK.

PENMAN'S GUIDE.

APPLICATION FILED JULY 16, 1909.

988,816.

Patented Apr. 4, 1911.



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UNITED STATES PATENT OFFICE.

GEORGE ALFRED REYNOLDS AND PETER CAMPBELL TEN EYCK, OF SYRACUSE, NEW YORK.

PENMAN'S GUIDE.

988,816.

Specification of Letters Patent.

Patented Apr. 4, 1911.

Application filed July 16, 1909. Serial No. 507,943.

To all whom it may concern:

Be it known that we, GEORGE ALFRED REYNOLDS and PETER CAMPBELL TEN EYCK, citizens of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Penmen's Guides; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in guides or developers for the hand in writing, and particularly to guides arranged to be clamped upon the wrist for preventing the hand from rolling or turning improperly to one side.

An object of the invention is the provision of a stop or brace connected with the hand, which in turn is adapted to be clamped to the wrist in writing, for guiding the hand.

A further object of the invention is the arrangement of a brace and band so that when the same is clasped to the wrist of a person, the same forces the writer by his own unsupported effort to hold the dorsum of the hand in a horizontal position, and to maintain the writing implements at a proper angle.

Another object of the invention is the arrangement of a band adapted to be clasped to the wrist of a person, formed with means for receiving a point or stop which is adapted to engage the paper or support upon which the hand is resting, whenever the hand is turned improperly.

With these and other objects in view, the invention comprises certain novel constructions, combinations, and arrangements of parts, as will be hereinafter more fully described and claimed.

In the accompanying drawing: Figure 1 is a perspective view of an embodiment of the invention shown in use. Fig. 2 is a side elevation of the invention. Fig. 3 is an end elevation of the structure shown in Fig. 2. Fig. 4 is a bottom plan view of the structure shown in Fig. 2.

In forming a guide and developer for the hand in writing, a suitable band is provided for inclosing the wrist, to which is connected a stop or point that may be adjusted

as desired. The stop may be formed with a sharpened tongue or tooth; or, if desired for the protection of the paper or polished support upon which the hand may rest, may be provided with a piece of soft rubber or other material slipped over this point, which will act as a brake, to engage the desk or rest, and stop the movement when the hand is rotated out of position. The band that encircles the wrist is formed of a crescent shaped strip of metal adapted to fit the plantar surface of the wrist; and also a strap of flexible material connected thereto.

In use, the device being strapped to the wrist, the effort on the part of the writer to keep said device from touching the rest for the hand, this same unsupported effort brings and maintains the dorsum of the hand in a horizontal position; and in accomplishing this purpose the sharpened tongue or tooth of the stop engages the paper or rest and interrupts the free movement of the hand when the inclination of the hand outward is too great. If the sharpened tongue or tooth is protected by a cushion or brake, a movement of the hand will be permitted, but only by using force, and attention will be drawn to the fact that the hand is being tilted out of correct position.

In order that the invention may be more clearly understood, an embodiment of the same is shown in the accompanying drawings, in which—

1 indicates a flexible band or strap, preferably of leather, which passes over the dorsum of the wrist and engages at one end the buckle 2 and at the opposite end the crescent shaped metal strip 3, which strip in turn engages or rests against the ulnar side of the wrist 4. By this means the wrist 4 is encircled, and by the use of buckle 2, means are provided by which an adjustment for accommodating various sized wrists may be made as occasion may require. The buckle 2 engages the crescent shaped metallic strip 3 at point 5. From point 5, strip 3 is bent upon itself at 6, and then at a substantial right angle at 7. The right angle portion 7 extends for a short distance outward, and then the strip is bent downward at 8. The outer end of the strip 3 of the portion that is bent downward at point 8, is formed with a slot 9, arranged with

notched out portions 10 and 11 for accom-
modating the ends of a stop 12 which is
preferably of spring material, and sur-
rounds at one end strap 3 immediately below
5 point 8. The ends of stop 12 have a con-
tinuous tendency to move outward, and con-
sequently remain in notches 10 and 11, and
at the same time exert a friction on the end
of strap 3. One of the ends of strap 12
10 projects downward at 13, and may be
sharpened. Or, a cushion 14 may be placed
upon projection 13 so as to prevent the stop
from injuring the paper or rest if said paper
or rest and stop should come in contact by
15 faulty position of the hand. By this ar-
rangement of means for clasping the wrist,
and securing a stop or brace thereto, the
wrist and hand are properly held for caus-
ing a proper inclination of the writing in-
20 strument. The stop 12 may be adjusted so
as to vary the position of the hand as oc-
casion may require, so as to slightly vary the
angle to adapt the device to various con-
ditions.

25 The support or developer is particularly
adapted to the use of students in maintain-
ing the correct position of the hand when
writing, but may be used at all times if
desired.

30 If the extension 13 is used without the
cushion 14, the same of course will engage
the paper or rest and prevent any further
free motion of the hand. But if the cushion
14, preferably of soft rubber, is used, the
35 hand may be moved even though the
cushion or brake be against the paper or
rest, but such movement would require
force; cause great inconvenience to the
writer; would disorganize the writing; and
40 would defeat the purpose for which the
brace is worn.

The device is of special advantage to stu-
dents of public and preparatory schools,
business colleges, and to any one who wishes

to develop a proper and unassisted position 45
of the hand in writing.

We claim:

1. A penman's guide comprising a flexible
band with a metallic band secured thereto,
a buckle adapted to be connected to the flex- 50
ible band, the central portion of the metallic
band being inserted through the buckle and
bent over one bar of the same, the metallic
band being bent at right angles to the buckle
bend and also bent vertically downward 55
therefrom and thence horizontally outward
at its terminal, said terminal being pro-
vided with a slot having notches at its base
portion, a stop looped around said vertical
portion and provided with depending legs 60
which are inserted through the slot so as to
engage said notches, and one of the said legs
being longer than the other.

2. A penman's guide comprising a flexible
band with a metallic band secured thereto, a 65
buckle adapted to be connected to the flex-
ible band, the central portion of the metallic
band being inserted through the buckle and
bent over one bar of the same, the metallic
band being bent at right angles to the buckle 70
bend, and also bent vertically downward
therefrom and thence horizontally outward
at its terminal, said terminal is provided
with a slot having notches at the base por-
tion, a stop looped around said vertical por- 75
tion and provided with depending legs
which are inserted through the slot so as to
engage said notches, one of the legs of the
stop being longer than the other, and said
longer leg adapted to have a cushion con- 80
nected thereto.

In testimony whereof we affix our signa-
tures in presence of two witnesses.

GEORGE ALFRED REYNOLDS.
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Witnesses:

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JOHN J. WALSH.