

E. HUNOLD.
RAZOR STROP.
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980,269.

Patented Jan. 3, 1911.

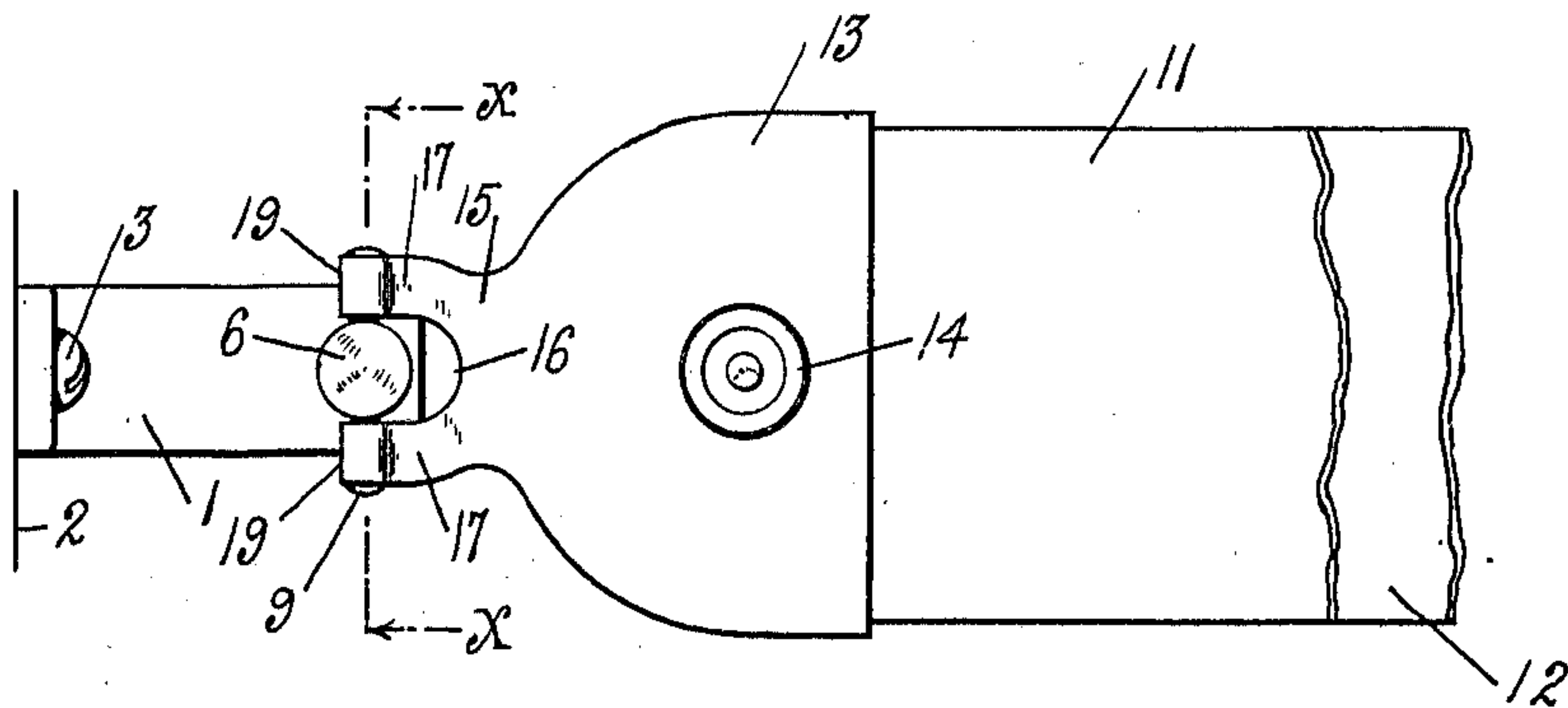


FIG. 1.

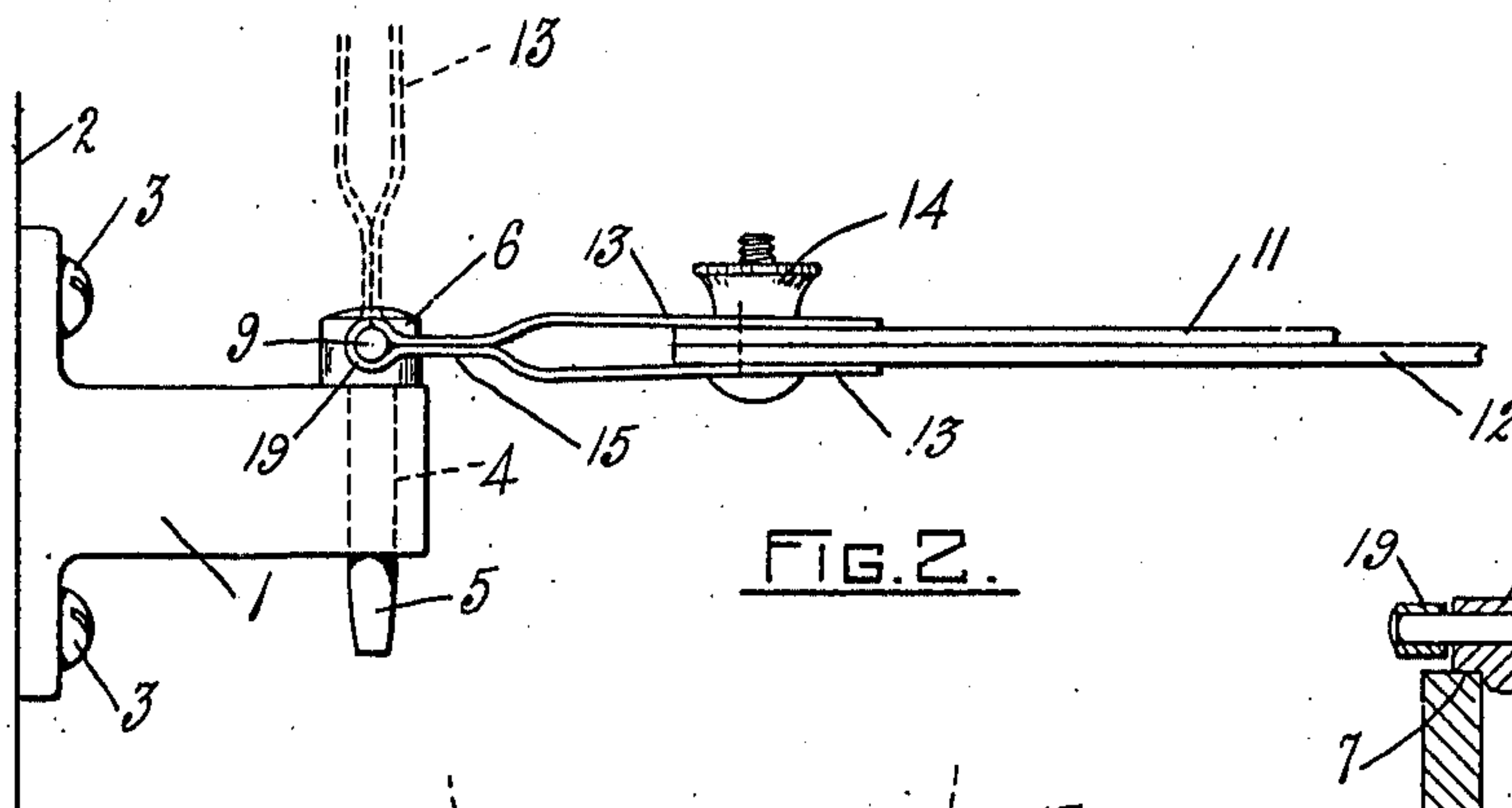


FIG. 2.

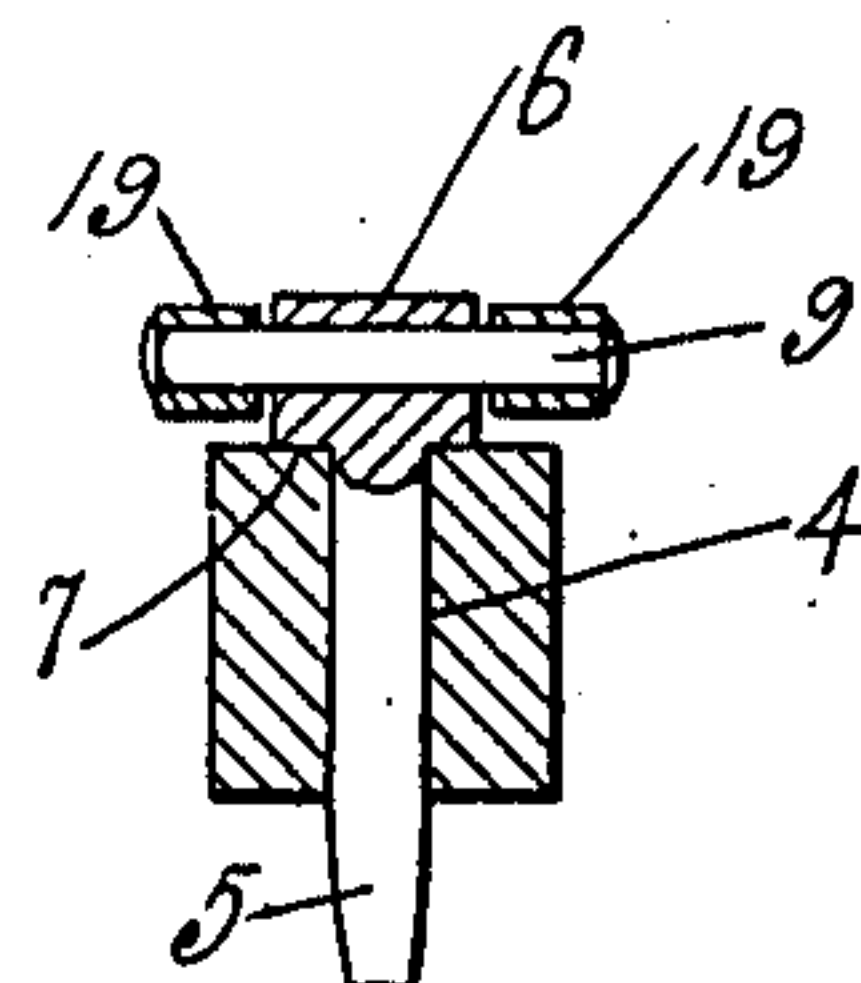


FIG. 4.

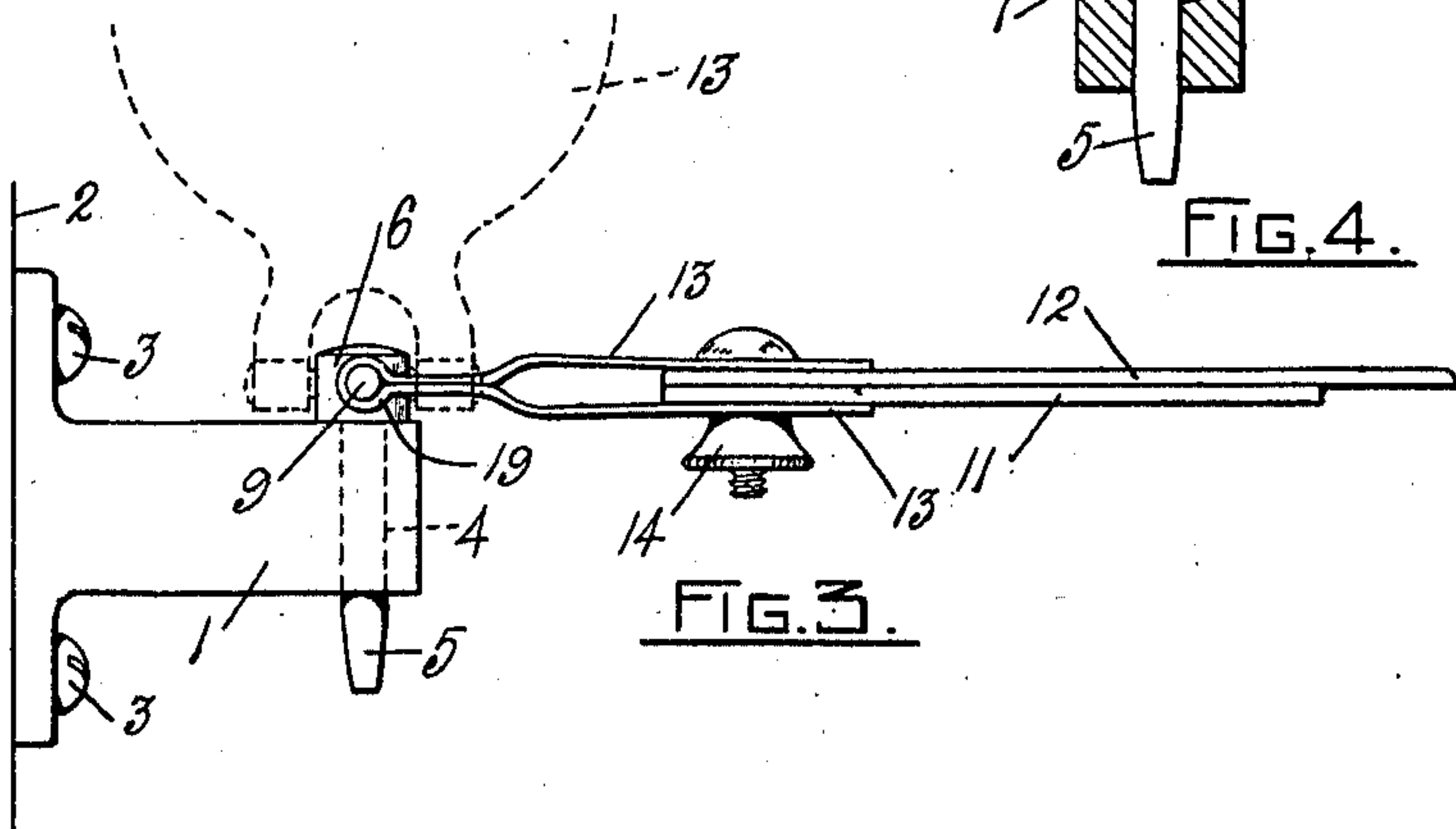


FIG. 3.

WITNESSES.

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RAZOR-STROP.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ERNEST HUNOLD, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Razor-Strops, of which the following is a specification.

My invention relates to razor strops, and its essential objects are to afford a razor sharpening device which may be held firmly in a horizontal plane without impeding pivotal movement in said plane; to permit a facile reversal of the faces of the device, and to secure these objects in a simple, inexpensive, and convenient structure.

To the above ends essentially my invention consists in the novel construction and combination of parts hereinafter set forth, and falling within the scope of the appended claims.

In the accompanying drawings which form a part of this specification, Figure 1 is a plan view of my novel strop, portions of which are broken away, Figs. 2 and 3, side elevations of the same with like portions broken away, and Fig. 4, a section on line $x-x$ of Fig. 1.

Like reference characters indicate like parts throughout the views.

In the drawings 1 represents a support, in the present instance a bracket or block adapted to be secured to a wall 2 by screws 3 or otherwise, and provided with a vertical opening 4 in which is loosely journaled a pivot member or pin 5 provided with a cylindrical head 6 having a flat under face 7 and adapted to rest upon the upper flat face of the member 1. Integral with or fixed in the head 6 by friction or otherwise is a pin or pins 9 disposed at right angles to the pin 5 and having its ends projecting beyond the head at diametrically opposite points.

A clamping device for holding the strop strips 11 and 12 comprises two leaves 13 embracing the strips and connected therewith by the usual clamp bolt 14. The leaves 13 constitute the ends of a metal blank folded upon itself whereby is formed a forwardly extending flat portion 15 cut away at its front edge, as at 16, to form two parallel interspaced arms 17 lying in the same

horizontal plane, and terminating in loops 19 loose upon the ends of the pin 9.

It will be noted that strips 11 and 12 are pivoted to move in both a horizontal and a vertical direction, but that by virtue of the described arm and pin construction the strips are prevented from assuming the dulling position resultant upon any lateral tilting movement. The described double swivel construction operative in planes at right angles to each other, makes it possible to reverse the positions of the strips 11 and 12 by a twist without disassembling any structural parts. To effect this reversal, the leaves 13 are elevated into a vertical position shown by broken lines in Fig. 2, then rotated on the swivel 5, during which movement the leaves assume, among other positions, that shown in broken lines in Fig. 3, and then allowed to fall to original horizontal position whereupon, as shown in the last mentioned figure, the originally lower strip 11 is now on top ready for use.

The strop is readily detached from its bracket or other support by manually lifting the member 5 out of the opening 4.

What I claim is,—

1. In a razor strop, the combination with a supporting member, of a pin pivotally mounted in the supporting member, a head upon the pin, rigid projections upon the head, and a clamping device constructed for holding a strop pivotally connected with the projections and held against tilting.

2. In a razor strop, the combination with a supporting member, of a pin pivotally mounted in the supporting member, a head upon the pin, rigid projections upon opposite sides of the head, clamping plates for holding a strop, and arms upon the plates pivotally engaging the projections and held against tilting.

3. In a razor strop, the combination with a supporting member, of a vertically disposed pivot pin mounted in the supporting member, lateral rigid projections upon opposite sides of the pin, a clamping device for holding a strop, and arms upon the clamping device in which the projections are journaled and by which the strop is held against tilting.

4. In a razor strop, the combination with

a supporting member provided with a vertical opening, of a pin pivotally mounted in the opening, a head upon the pin resting upon the supporting member, rigid projections upon opposite sides of the head at right angles to the pin, a clamping device for holding a razor strop comprising horizontal plates, arms upon the plates loosely

engaging the projections and means preventing tilting of the strop.

In testimony whereof I have affixed my signature in presence of two witnesses.

ERNEST HUNOLD.

Witnesses:

HORATIO E. BELLOWS,

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