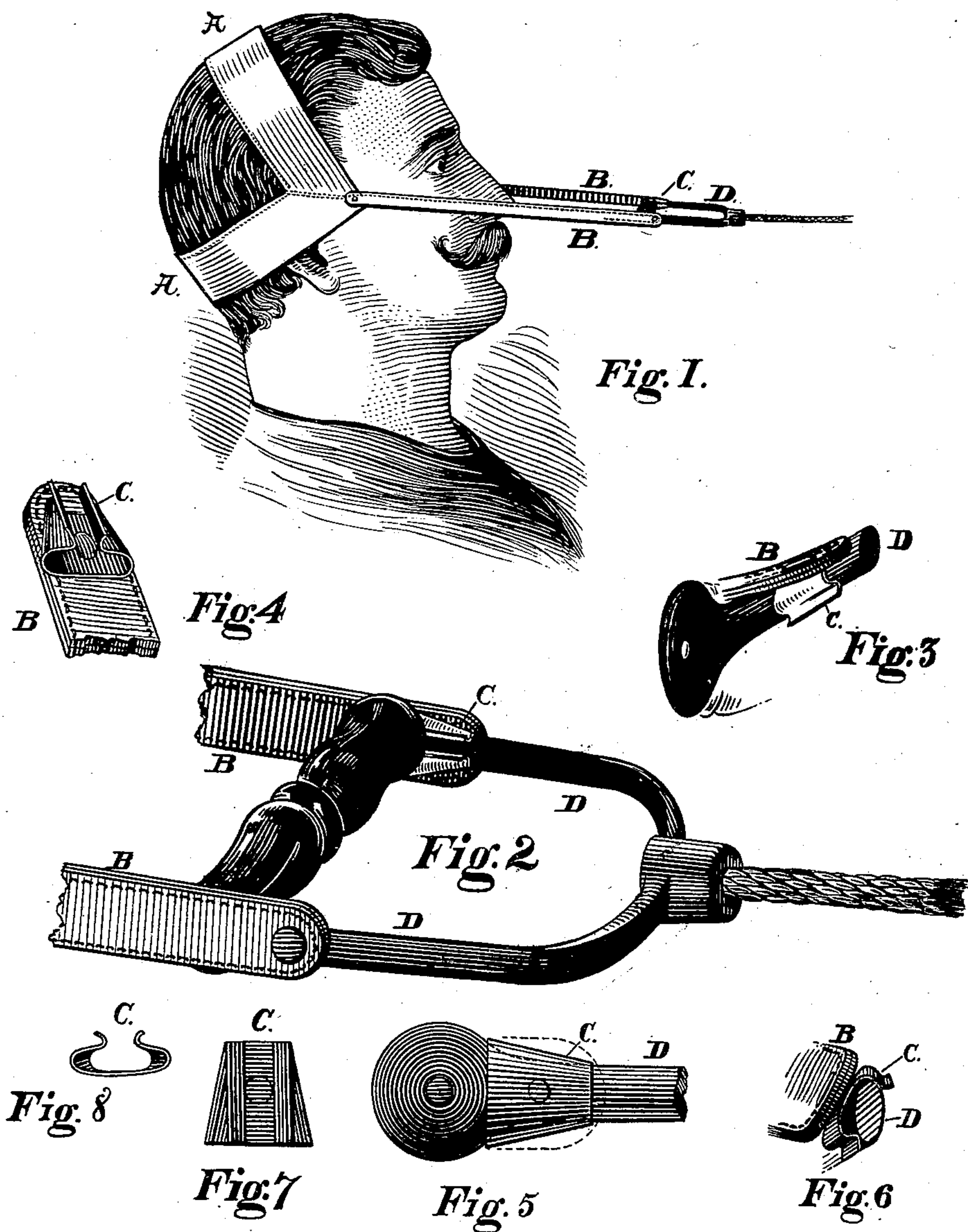


(No Model.)

T. PETERSON.
NECK EXERCISING APPARATUS.

No. 450,188.

Patented Apr. 14, 1891.



WITNESSES
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THEODORE PETERSON, OF AKRON, OHIO, ASSIGNOR TO THE HOWARD MANUFACTURING COMPANY, OF SAME PLACE.

NECK-EXERCISING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 450,188, dated April 14, 1891.

Application filed November 26, 1890. Serial No. 372,711. (No model.)

To all whom it may concern:

Be it known that I, THEODORE PETERSON, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented a certain new and useful Improvement in Neck-Exercising Apparatus, of which the following is a specification.

My invention has relation to that class of gymnastic appliances called "neck-exercising apparatus." Heretofore these have ordinarily consisted of a continuous strap or band arranged to pass around the back of the operator's head, with a cross-band to pass over the top of the head, the ends of said strap being connected with a weighted cord and separated by an interposed transverse stick to keep them from contact with the face of the operator.

The object of my invention is to provide a new improved simple neck-exercising apparatus that shall embody a new form of harness for the head, having side straps pivotally connected with the ends of said harness, so that their line of draft shall not move the harness on the operator's head as it is changed, and which side straps shall be provided with clips by which they may be readily connected with and disengaged from the ordinary handle or stirrup of a chest-weight or other similar gymnastic exercising apparatus.

To this object my invention consists of the peculiar construction and combination of parts hereinafter described, and then specifically pointed out in the claims, reference being had to the accompanying drawings, forming a part of this specification.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 represents a person using my improvement; Fig. 2, an enlarged perspective view of the handle or stirrup with the ends of the side straps attached; Fig. 3, a detached perspective of one arm of the stirrup with one of the clips in the first position of attachment; Fig. 4, a perspective of the end of one of the side straps, showing the attaching-clip; Fig. 5, a side elevation of one of the stirrup-arms, showing the position of the clip

thereon, the end of the side strap being shown in dotted lines; Fig. 6, a perspective of the end of the side strap and clip with one of the stirrup-arms in section, showing the clip in the operation of being placed thereon; and Figs. 7 and 8, inner and end elevations of the detached clip.

The apparatus consists of two straps A A, arranged to fit the back of the head of the operator, angularly united at their ends, from which points of union extend straps B B, pivotally connected therewith. On the inner face of the outer ends of these straps are attached clips C. These clips are preferably made of sheet metal, as brass or steel, having elasticity and rigidity, bent to form a flattened tapering tube having one side open, with outwardly-turned edges, and arranged to be connected with the straps B by rivets, as shown, or other equivalent device. Thus constructed, the clips C are readily fitted on and detached from a handle or stirrup D of a chest-weight without removing or changing any parts.

I claim as my invention—

1. In a neck-exercising apparatus, a harness for the head, composed of two straps angularly connected at their ends and having side straps pivotally connected with and extending from the points of union of said straps, substantially as shown and described.

2. In a neck-exercising apparatus, the combination, with a harness for the head, of side straps connected therewith, provided with clips arranged to engage with resisting mechanism, substantially as shown and described.

3. In a neck-exercising apparatus, the combination of a harness for the head, having side straps provided with clips arranged to engage the sides of the handle or stirrup of an exercising apparatus, as a chest-weight, substantially as shown and described.

In testimony that I claim the above I hereunto set my hand.

THEODORE PETERSON.

In presence of—

C. P. HUMPHREY,
C. E. HUMPHREY.