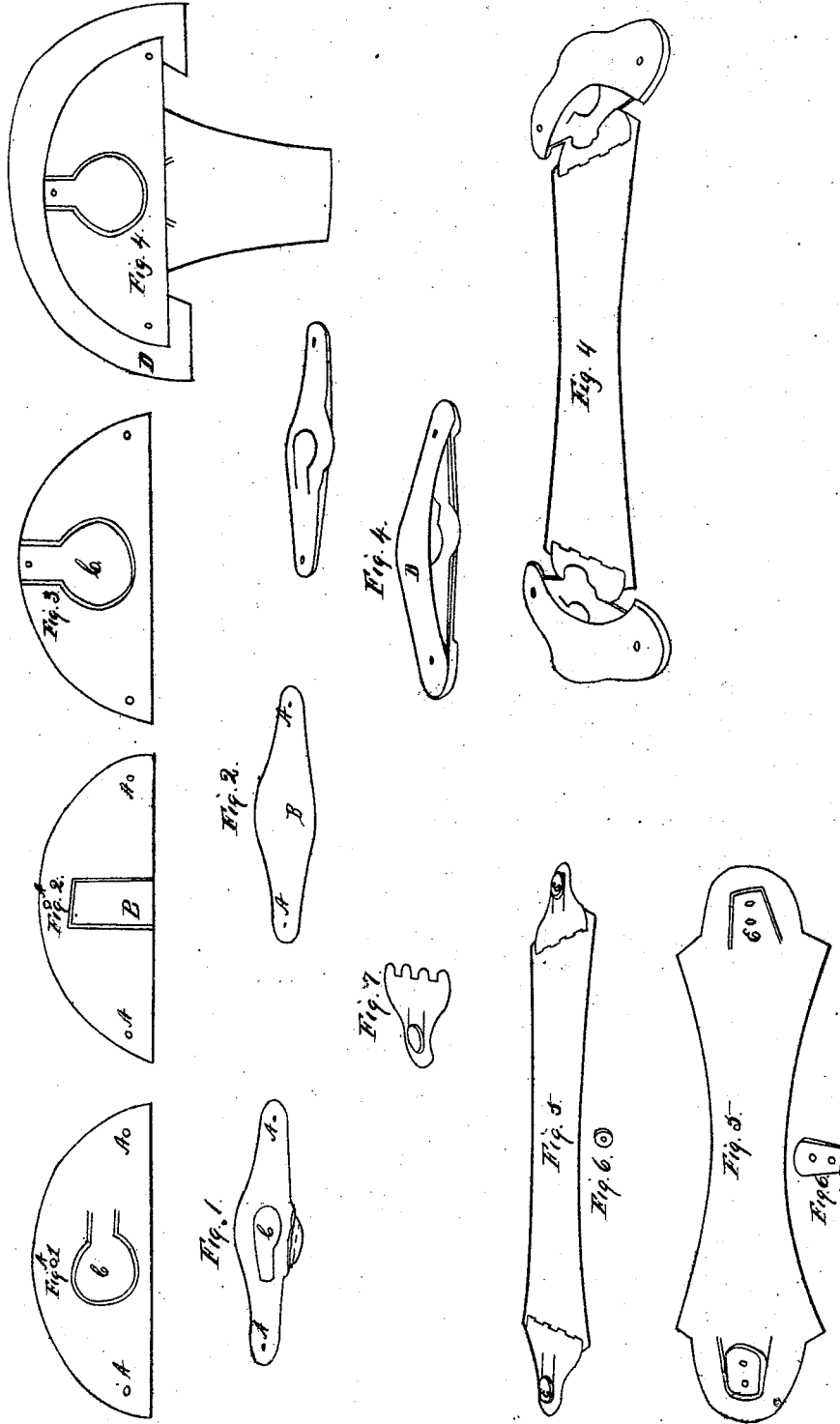


Pantaloon Strap

N^o 5887.

Patented Oct. 31. 1848



UNITED STATES PATENT OFFICE.

W. W. RILEY, OF COLUMBUS, OHIO.

FASTENING FOR PANTALOOON-STRAPS, &c.

Specification of Letters Patent No. 5,887, dated October 31, 1848.

To all whom it may concern:

Be it known that I, WILLIAM WILLSHIRE RILEY, of the city of Columbus and State of Ohio, have invented a new and Improved Pantaloön-Strap and Snap-Fastening; and I do hereby declare that the following is a true and exact description thereof.

The nature of my invention consists in constructing a snap, or catch, in such manner as when adapted and designed for pantaloons, one part can be sewed, or buttoned, onto the pantaloons and the other by pressure fastened and unfastened at the will and free control of the wearer, both parts adapting themselves without liability, to injury by bending, to any required form, or position of the foot, and permitting as free use of the ankle, as any other strap now in use.

To enable others skilled in the art to make and use my invention, I proceed to describe its construction and operation, for pantaloön straps, I cut two pieces of sheet brass, silver or other metallic substance, the size and shape I desire, say in the form of a crescent, or segment of a circle less than half, the longest diameter, about two and a half to three or more inches, and the shortest one to one and a half inches, or other form as represented in drawings Figures 1 and 2 and punch or drill through them two or three small holes for rivets, as represented in the attached drawing Figs. 1 and 2, A, with a swage about half an inch in width and three fourths of an inch long. I then depress one of the plates, twice its thickness in the center of and at right angles with the long line of the plate, or merely depress the lower edge of the plate with a round faced hammer as Fig. 2, B. With a cutting punch, adapted to the shape, I cut in the other plate, the thumb spring as Figs. 1 and 3, C. The plates thus prepared are by rivets, at the same time riveted together, between pieces of leather, or parchment covering the swaged plates and extending beyond the edges, of the metal, as in Figs. 4 and 2. From the same kind of metal, rolled to any thickness required for flexibility, or strength, with a punch adapted, I cut out by a single operation, the strap and

tongues, in form as Fig. 5, a small piece of the metal as Fig. 6 is then riveted or soldered onto the point of the tongue Figs. 5, E, and the tongue E filed to a sharp edge and the instrument is complete.

When put together for pantaloons it presents the form and appearance of Fig. 4, and is retained in connection by the spring of the tongue, and the catch coming in contact with the plate through the opening, under the thumb spring C and is capable of sustaining any required weight or pressure according to the materials; and the purpose for which it is designed.

The connected plates are attached to the pantaloons by stitching, or buttoning through the leather or parchment; and the strap is fastened, by insertion upward, or loosened by pressure, on the thumb spring; if leather or cloth is preferred to the brass strap, the tongues may be cut off at any point below the plate, and fastened to the other material; by rivets or other known mode of attachment, as in Figs. 5 and 7.

The advantage of this strap for pantaloons, over known modes is obvious; the plates and strap can be of any required width and thickness, yet depending on a common center, permit free motion to the foot as if fastened by a single button, and the strap is easily and instantly put on, or taken off by the wearer.

For a great variety of other uses this instrument and principle developed is preferable to known modes of fastening, because of its simplicity, security and strength, the two parts constituting a simple machine, either member of which can be attached to the main or secondary branch of any required connection of parts.

What I desire to secure by Letters Patent is—

The instrument as above described for pantaloons; and the principle for use in the connection of bracelets, gold chains, and other articles of dress and military trappings.

W. WILLSHIRE RILEY.

In presence of—

A. PATTON,
NELSON GLEEMAN.