(No Model.)

E. WILSON.

CORSET STEEL.

No. 505,150. Patented Sept. 19, 1893.

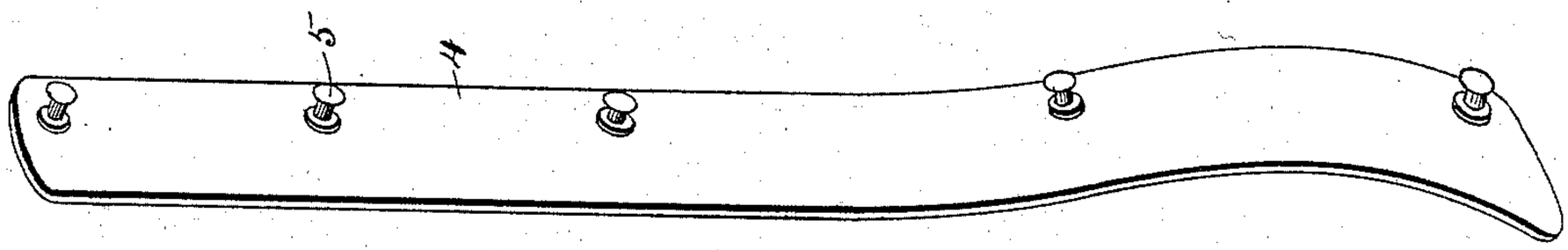

Fig. 5.

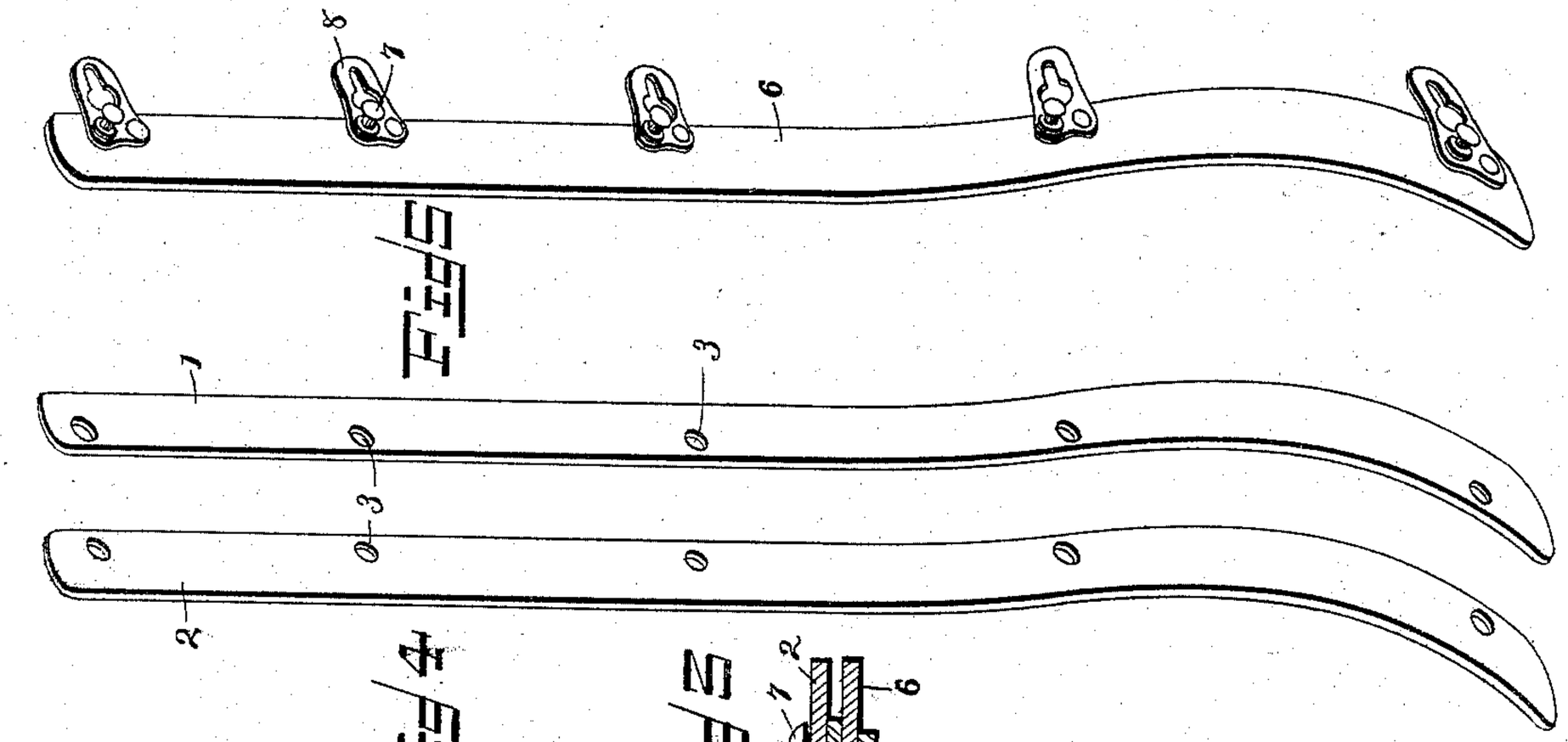

Fig. 3.

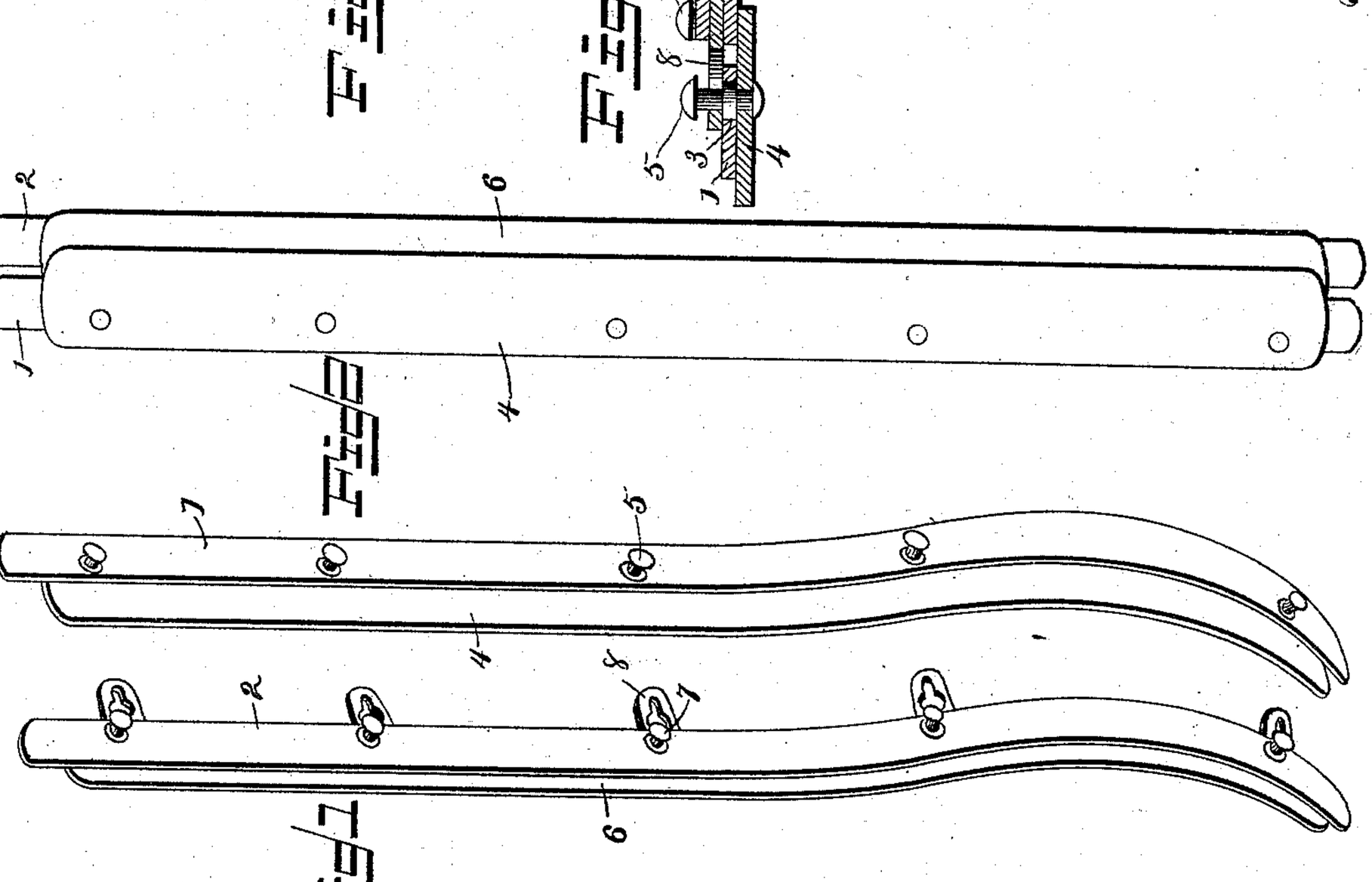

Fig. 4.

Fig. 2.

Fig. 1.

Fig. 7.

Witnesses:
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UNITED STATES PATENT OFFICE.

EXILDA WILSON, OF DETROIT, MICHIGAN.

CORSET-STEEL.

SPECIFICATION forming part of Letters Patent No. 505,150, dated September 19, 1893.

Application filed May 2, 1893. Serial No. 472,683. (No model.)

To all whom it may concern:

Be it known that I, EXILDA WILSON, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Corset-Steel, of which the following is a specification.

My invention relates to improvements in corset-steels.

Heretofore considerable difficulty and inconvenience have been experienced by wearers of corsets by the sudden snapping of the stud-carrying steels when in the act of putting the corsets on or removing them, or during any straining that the steels might receive during wear.

The objects of my present invention are to strengthen or reinforce the steels so as to avoid the liabilty of the same breaking by ordinary usage, and at the same time to so reinforce the steels as not to increase to any great extent the cost of manufacture or labor of inserting the same; and finally, to so arrange them as to lend comfort to the wearer and avoid any pinching when applying the same to the person.

With these objects in view, the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claim.

Referring to the drawings:—Figure 1 is a perspective view of two corset-steels constructed in accordance with my invention, the same being separated. Fig. 2 is a rear elevation fastened. Fig. 3 is a transverse sectional view. Fig. 4 is a perspective view of the two reinforcing steels or strips. Fig. 5 is a similar view of the steels proper in detail.

Like numerals of reference indicate like parts in all the figures of the drawings.

1—2 designate respectively the right and left corset-steel, the former usually carrying the studs and the latter the eyes for engaging the same. In the present instance the steels 1 and 2 are devoid of studs and eyes and in lieu thereof and at corresponding points are provided with circular perforations 3. In rear of the steel 1 a broad steel strip 4 is located and adapted to reinforce the same, and from the strip 4 adjacent to its center extend headed pins or studs 5 which pass through the perforations 3, and thus secure the steels 1 and 4 loosely yet securely together. The perforations 3 of the steel 1 being formed near the inner edge thereof, and the studs being located adjacent to the center of the strip 4 it will be seen that the steel 1 occupies about one-half of the reinforcing strip 4, thus leaving the inner half of said strip projecting beyond that of the steel 1. Arranged in rear of the steel 2 is a reinforcing steel strip 6, and the same opposite the perforations 3 in said steel 2, is provided with headed studs or pins 7, which pass through the perforations. The reinforcing strip 6 is provided at its inner edge with key-hole eyes 8, which engage with the studs 5 of the reinforcing strip 4, and when in such position it will be seen that the strips 2 and 6 overlap the strip 4, so that the space between the two strips is spanned by the broad reinforcing strip 4, whereby pinching of the person is avoided and the joint between the steels prevented from becoming uncomfortable to the wearer.

Not only does the arrangement of steel-strips and steels provide for great comfort to the wearer, but the steels are greatly strengthened and prevented from snapping during ordinary circumstances, while at the same time the corset is not rendered too stiff for comfort. By reason of the loose connection between the steels and the reinforcing strips the same are maintained in relative position and prevented from working their way out of the corset.

Having described my invention, what I claim is—

In a corset, the combination with the opposite perforated steels, of the broad reinforcing strip arranged in rear of one of the steels, extending beyond the inner edge thereof, and having headed studs passing loosely through the perforations of said steel, the opposite reinforcing strip corresponding in width to that steel to which it is applied and having headed studs loosely engaging the perforations of its steel and adapted to

overlap the exposed surface of the reinforcing strip before mentioned, and eyes projecting from the inner edge thereof and adapted to engage removably with said headed studs of the broad reinforcing strip, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

EXILDA WILSON.

Witnesses:
L. SCOFIELD, Jr.,
D. S. DONOHUE.