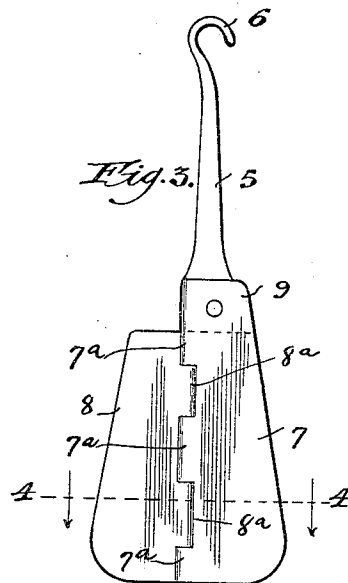
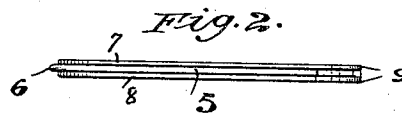
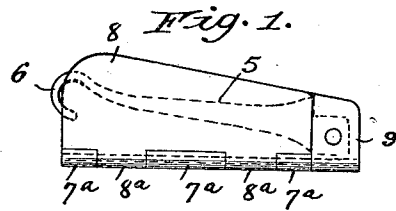


R. A. SIMONSON.
COMBINATION TOOL.
APPLICATION FILED SEPT. 5, 1911.

1,050,242.

Patented Jan. 14, 1913.



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UNITED STATES PATENT OFFICE.

ROGER A. SIMONSON, OF CHICAGO, ILLINOIS.

COMBINATION-TOOL.

1,050,242.

Specification of Letters Patent.

Patented Jan. 14, 1913.

Application filed September 5, 1911. Serial No. 647,566.

To all whom it may concern:

Be it known that I, ROGER A. SIMONSON, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Combination-Tools, of which the following is a specification.

My present invention is in the nature of a combination tool, and, more specifically, resides in a device adapted to serve the functions of a button-hook and a shoe-horn. Combination tools in which these two devices were combined have heretofore been known; but, so far as I am aware, they have proved more cumbersome and less handy than either device when existing as a separate tool.

The main object of my invention is to provide a combination button-hook and shoe-horn which shall be simple in structure, handy to manipulate, and capable of being folded into a small compass so as to occupy no more space in the pocket of the user than an ordinary pen-knife.

My invention, its mode of use, and its advantages, will readily be understood when considered in connection with the accompanying drawing, which shows one practical embodiment of the invention, and in which—

Figure 1 is a side elevational view of the device in folded position. Fig. 2 is an edge elevational view of the same. Fig. 3 is an elevational view of the device in fully unfolded or opened position in which it is capable of operating either as a button-hook or as a shoe-horn. Fig. 4 is a cross-sectional view on line 4—4 of Fig. 3.

Referring to the drawing, 5 designates the shank portion and 6 the hook-shaped end of a button-hook, which parts may correspond to the corresponding parts of an ordinary button-hook, although preferably formed from flat rather than round metal. The inner end of the shank 5 is pivoted to a handle member which latter also constitutes the spoon portion of a shoe-horn. This latter member, in the form herein shown, comprises two longitudinally tapered flat sheet-metal strips 7 and 8, the proximate edges of which are hinged together by an ordinary form of hinge comprising hinge ears 7^a and 8^a formed on the meeting edges of the two members 7 and 8, respectively, and a hinge pintle 10 extending through said ears. One of the members (the mem-

bers 7 as herein shown) is provided at its narrow end with an integral U-shaped extension 9 that projects beyond the narrow end of the member 8 and constitutes a hinge-socket for the shank 5 of the button-hook. In the completely folded position of the parts, the two halves or wings 7 and 8 of the spoon of the shoe-horn lie with their respective planes parallel, as shown in Fig. 2, the shank 5 and hooked end of the button-hook lying between them, as clearly shown in Figs. 1 and 2.

To use the device as a button-hook it is necessary only to swing the shank 5 and its hook 6 outwardly to the relative position shown in Fig. 3, in which the folded wings 7 and 8 together constitute a handle for the hook. To use the device as a shoe-horn, the shank 5 and hooked end 6 are extended, as shown, and the wings 7 and 8 are spread to about the extent indicated in Fig. 4, thereby forming the spoon of a shoe-horn, of which the members 5 and 6 constitute the handle. When the wings 7 and 8 are folded into parallel relation, as shown in Figs. 1 and 2, the member 8 at its narrow end lies flush with one side of the socket member or clevis 9, as clearly shown in Fig. 2, so that the total thickness of the tool when folded is substantially only the sum of the thicknesses of the parts 7, 8, and 5, each of which can be of comparatively thin metal.

The described device is especially useful to wearers of low button-shoes, since it obviously facilitates the successive operations of the introduction of the foot into the shoe and the fastening of the shoe on the foot. The wings 7 and 8 of the spoon, being joined by an ordinary hinge, readily adapt themselves to the contour of the heel and of the upper rear edge of the shoe when the device is used as a shoe-horn. The article is also well adapted for use as an advertising device, since the smooth flat sides of the wings 7 and 8 can readily be inscribed or stamped with any desired advertising matter.

I claim—

1. A combination button-hook and shoe-horn, comprising a member adapted to serve as the handle of a button-hook and the spoon of a shoe-horn and consisting of two longitudinally foldable parts having hinge ears on their proximate edges and a single hinge pintle passing through said ears, and

another member adapted to serve as the shank and hooked end of a button-hook and handle of a shoe-horn, said last named member being pivoted at its inner end to one of the parts of said first-named member on a pivot disposed transversely of said part and adapted to lie between the parts of said first-named member when folded.

2. A combination button-hook and shoe-horn, comprising a member adapted to serve as the handle of a button-hook and the spoon of a shoe-horn and consisting of two longitudinally foldable flat strips hinged together along their proximate longitudinal edges, one of said strips having at one end

thereof a laterally folded extension forming a U-shaped hinge socket the sides of which are in line with said flat strips when folded, and another member adapted to serve as the shank and hooked end of a button-hook and handle of a shoe-horn, said last-named member being mounted in said hinge socket on a hinge pivot mounted in and between the sides of said U-shaped hinge-socket and disposed transverse to the plane of the strip carrying the latter.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."