No. 708,686. Patented Sept. 9, 1902.

A. W. WILSON.

ATTACHMENT FOR BUGGY BOOTS.

(Application filed May 27, 1902.)

(No Model.)

Fig. 1.

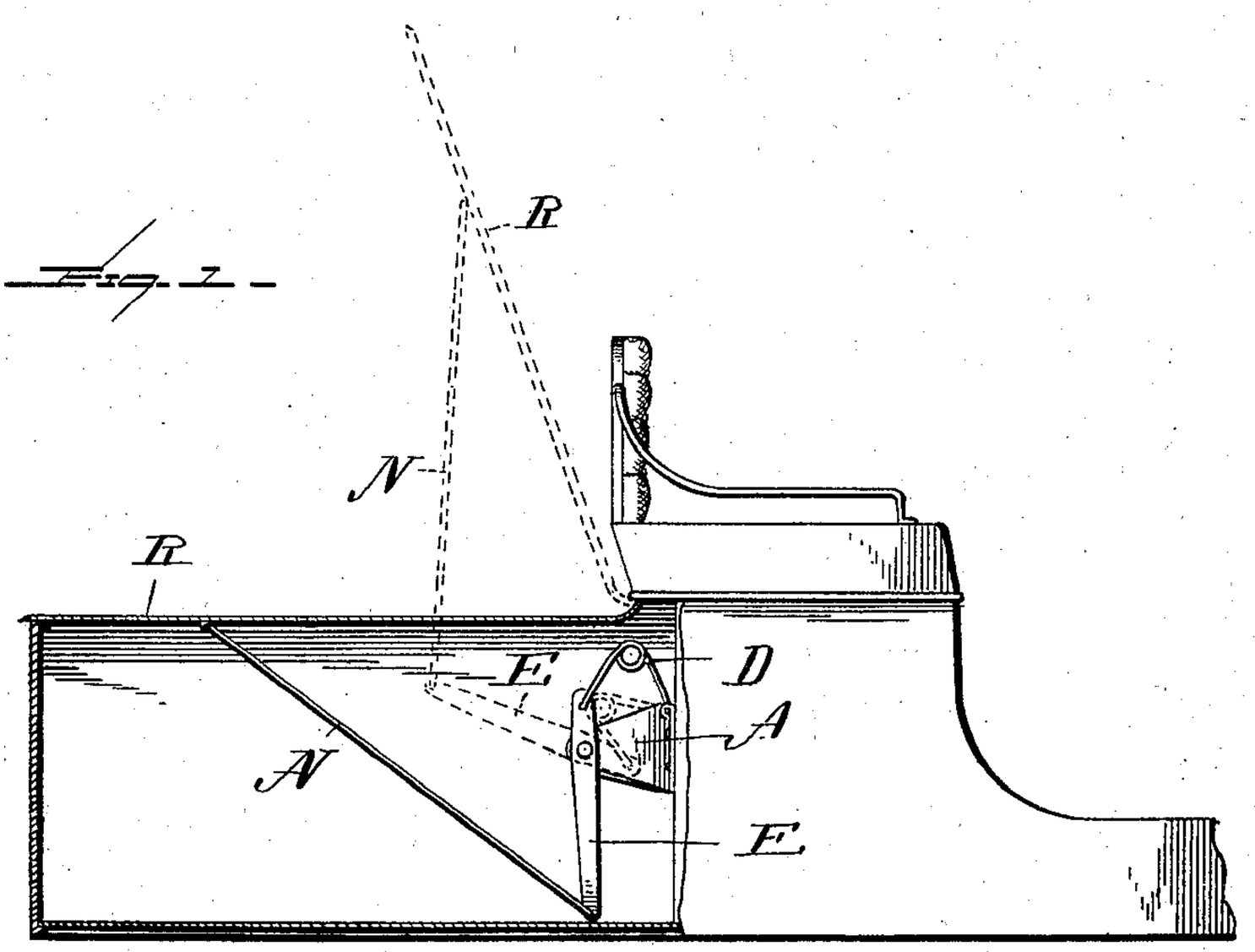
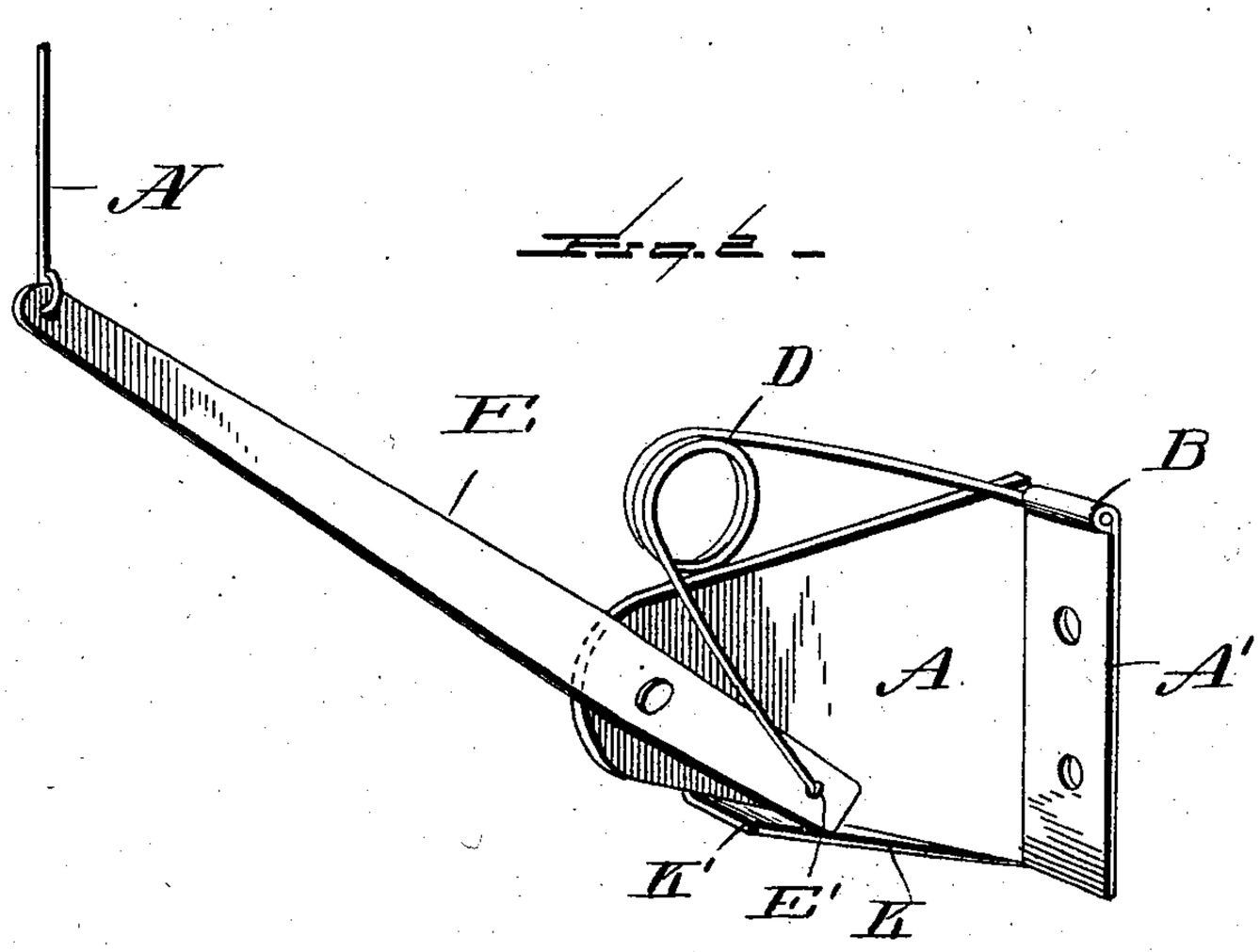


Fig. 2.



WITNESSES:

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ARTHUR WESLEY WILSON, OF MOLINE, ILLINOIS.

ATTACHMENT FOR BUGGY-BOOTS.

SPECIFICATION forming part of Letters Patent No. 708,686, dated September 9, 1902.

Application filed May 27, 1902. Serial No. 109,167. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR WESLEY WILSON, a citizen of the United States, residing at Moline, in the county of Rock Island and State of Illinois, have invented certain new and useful Improvements in Attachments for Buggy-Boots; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in attachments for carriage-boots for holding the boot either closed over the box or in an open relation; and it consists in the provision of a device of this character embodying various details of construction, as will be hereinafter fully described and then specifically defined in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which drawings similar letters of reference indicate like parts in the views, in which—

Figure 1 is a perspective view of my attachment shown as applied to a buggy, the various parts being shown in dotted lines in the positions that they assume when the boot is held open. Fig. 2 is an enlarged detail view in perspective of the plate, showing the spring-actuated arm mounted thereon.

Reference now being had to the details of the drawings by letter, A designates a plate, made of metal, having a flanged portion A′, at one end of which is formed an eye or loop B for the reception of the angled end of a coiled spring D. Pivotally mounted near the tapering end of said plate is an arm E, which is apertured at its rear end, as at E′, for the reception of the angled end of the coiled spring. The lower edge of the projecting part of said plate is bent at right angles to the body portion of said plate, as shown at K, said portion terminating in a shoulder K′, adjacent to the forward end of the plate, said shoulder being provided for the purpose of limiting the rearward throw of said arm by the edge of the latter coming into contact with said shoulder when the boot is held closed over the carriage-box, and the upper surface of said flange, which terminates in a shoulder, serves also as a stop to limit the throw of said arm in the opposite direction, in which position the boot may be held in an open relation. To the outer end of the arm to which the spring is attached is connected a rod N, the other end of which is adapted for connection with the boot R, which is pivotally connected in the usual manner to the wagon-box, as shown.

From the foregoing it will be seen that by the peculiar arrangement of the parts of my invention, having the spring held at one end to the inner pivotal end of said arm while its other angled end has pivotal bearing in said eye or loop, the spring is adapted to buckle and hold the buckle in two positions to hold said arm in one position or the other, accordingly as it is desired to hold the boot open or closed. It will also be noted that the device is entirely automatic, and it is necessary only for the operator to take hold of the free edge of the boot and close the same, when the boot may be held in either position.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A carriage-boot attachment comprising a plate A having two right-angled portions A′ and K at angles to each other, the upper end of said flange A′ being rolled to form a bearing B, a bar E pivotally connected to said plate A, a carriage-boot and rod connecting the same with said bar, a coil-spring D having a bearing at one end in said roll B and its other end fastened to the pivoted end of said bar and adapted to hold the under edge of the bar against the end K′ of said flange K or the inner end of the bar against the upper surface of the flange K accordingly as the boot is closed or raised to its highest limit, as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

ARTHUR WESLEY WILSON.

Witnesses:
JUDSON D. METZGAR,
GRACE BROWN.