

S. K. WILLIAMS.
HANDLE.
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966,974.

Patented Aug. 9, 1910.

Fig. 1.

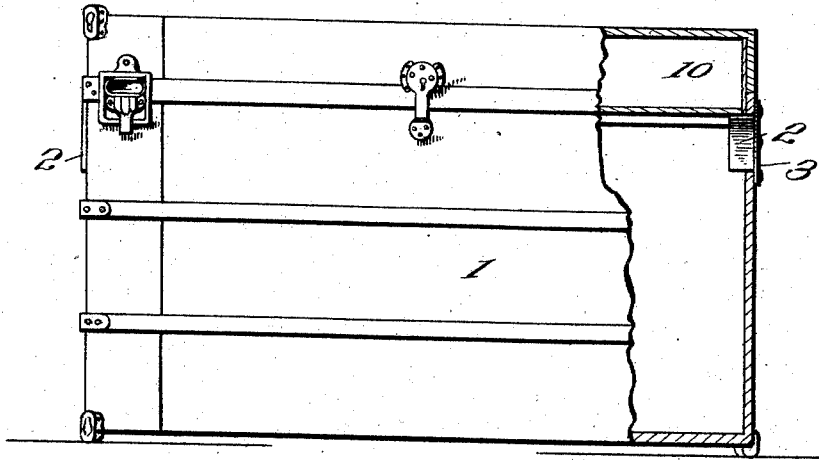


Fig. 2.

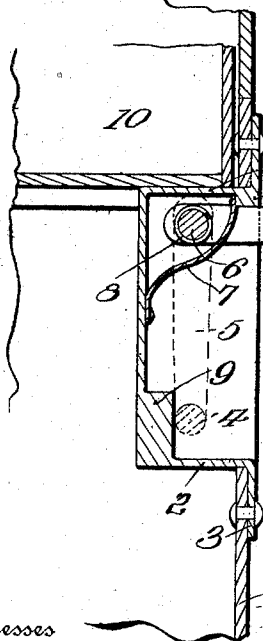
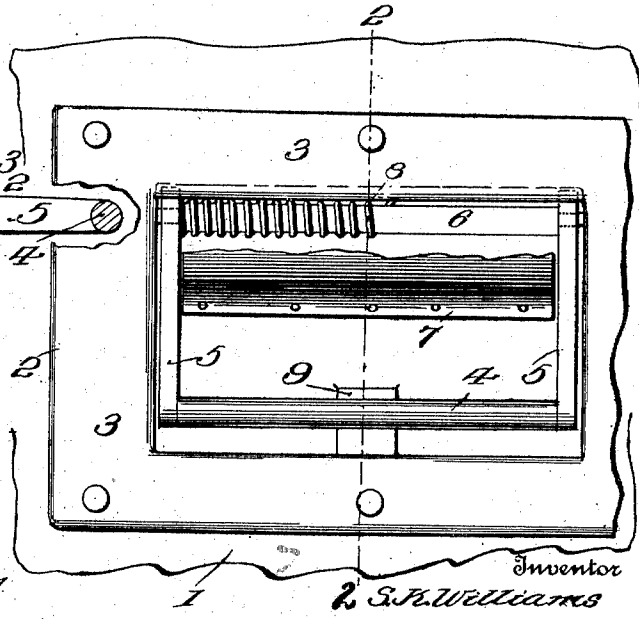


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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HANDLE.

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To all whom it may concern:

Be it known that I, STANLEY K. WILLIAMS, a citizen of the United States, residing at Antrim, in the county of Tioga and State of Pennsylvania, have invented certain new and useful Improvements in Handles, of which the following is a specification.

This invention comprehends certain new and useful improvements in shipping and storing receptacles, and relates particularly to an improved construction of handle, designed for use in connection with trunks or the like, the invention aiming to produce a device of this character in which the handle proper is so arranged that it normally occupies a countersunk position relative to the trunk or other device of which it forms a part, so that it will not be liable to be struck or be in the way when not desired for use, while at the same time it may be readily grasped and swung outwardly to an operative position, when it is desired to lift the trunk and carry it from place to place.

With these and other objects in view, as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a side view partly in section, of a trunk embodying handles constructed in accordance with my invention; Fig. 2 is an enlarged sectional view on the line 2—2 of Fig. 3, and Fig. 3 is a face view of one of the handles.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawing, the numeral 1 designates a storing or shipping receptacle, for instance a trunk. Set into the opposite ends of the trunk 1 are boxes or casings 2 that are preferably provided at their outer sides with outstanding marginal flanges 3 formed with screw holes or the like to receive the fastening devices by which the casings are secured in place. Within the countersunk opening which is formed by each casing, the handle proper is accommodated. In the present instance the handle embodies a cross bar 4 which is designed

to be grasped by the hand, and side bars 5 which are secured at one end to the ends of the cross bar or hand grip 4 and that are secured at their opposite ends to a transversely extending spindle 6. This spindle is journaled at its ends to partially rotate about its longitudinal axis in the sides of the casing 2 near the upper corners thereof. A coil spring 8 encircles the spindle 6, one end of said spring being secured in any desired way to the back of the casing 2, while the opposite end of the spring is secured in any desired way to one of the side bars 5 of the handle.

9 designates a stop block which is secured to the inner face of the casing 2 and against which the hand grip 4 of the handle is designed to abut so as to hold said hand grip in somewhat spaced relation to the adjacent face of the casing, whereby the hand grip may be easily grasped to swing the handle outwardly against the tension of the spring 8 into an operative position. It is, of course, to be understood that when the handle proper is swung outwardly, the side bars 5 will abut against the top of the casing so as to limit the upwardly swinging movement of the handle.

From the foregoing description in connection with the accompanying drawing, the operation of my improved handle for trunks or the like will be apparent. In the practical use of the device, it will be observed that in the inoperative position of the handle, it will be countersunk in the end of the trunk in the chamber or compartment formed by the casing 2 and will thereby be out of the way when not desired for use and not liable to be struck and broken. In order to lift the trunk it is only necessary to grasp the cross bar or hand grip 4 as it rests against the stop block 9 and swing the handle outwardly against the tension of the spring 8, this movement being limited by the abutment of the side bars 5 against the top of the casing 2, whereupon the trunk may be easily lifted and carried or dragged from one place to another.

7 designates a sheathing or covering for the spindle and its encircling spring, said cover being secured at its lower edge to the back of the casing and at its upper edge to the top of the casing, extending in front of the spindle 6 and spring 8 from one side-bar to the other and terminating at and close to said side-bars, whereby to provide spaces for

the free movement of the latter. By the use of the cover 7, it is evident that the parts will be rendered more sightly and will be protected and not so liable to get out of order.

Having thus described the invention, what is claimed as new is:

A device of the character described comprising a casing formed at its front with an outstanding marginal flange, a transversely extending spindle mounted to turn about its longitudinal axis in said casing close to the top thereof, and set back from the front thereof, a spring coiled around said spindle and exerting a tension on said spindle to turn it in one direction, side-bars connected at one end to the spindle, a transversely ex-

tending hand-grip connected to the upper ends of said side-bars, and a cover connected at its lower edge to the back wall of the casing and extending upwardly and forwardly and secured at its upper edge to the top of the casing in front of the spindle, said cover extending from one side-bar to the other and terminating at said side-bars, whereby to provide spaces for the free movement of the latter, and inclosing the spindle and its encircling spring.

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

STANLEY K. WILLIAMS. [L. s.]

Witnesses:

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